Nexus Validation Test

Phase 3.3

1. Introduction

This is an addendum to the NVT Phase 3.0 report. Please reference the NVT Phase 3 report for network topology and feature descriptions (located at the following link):

http://www.cisco.com/c/dam/en/us/td/docs/switches/datacenter/sw/nvt/phase3/NVT-Phase_3.pdf

Please see below for additional test results from NVT Phase 3.3 which includes new software releases and network topologies.

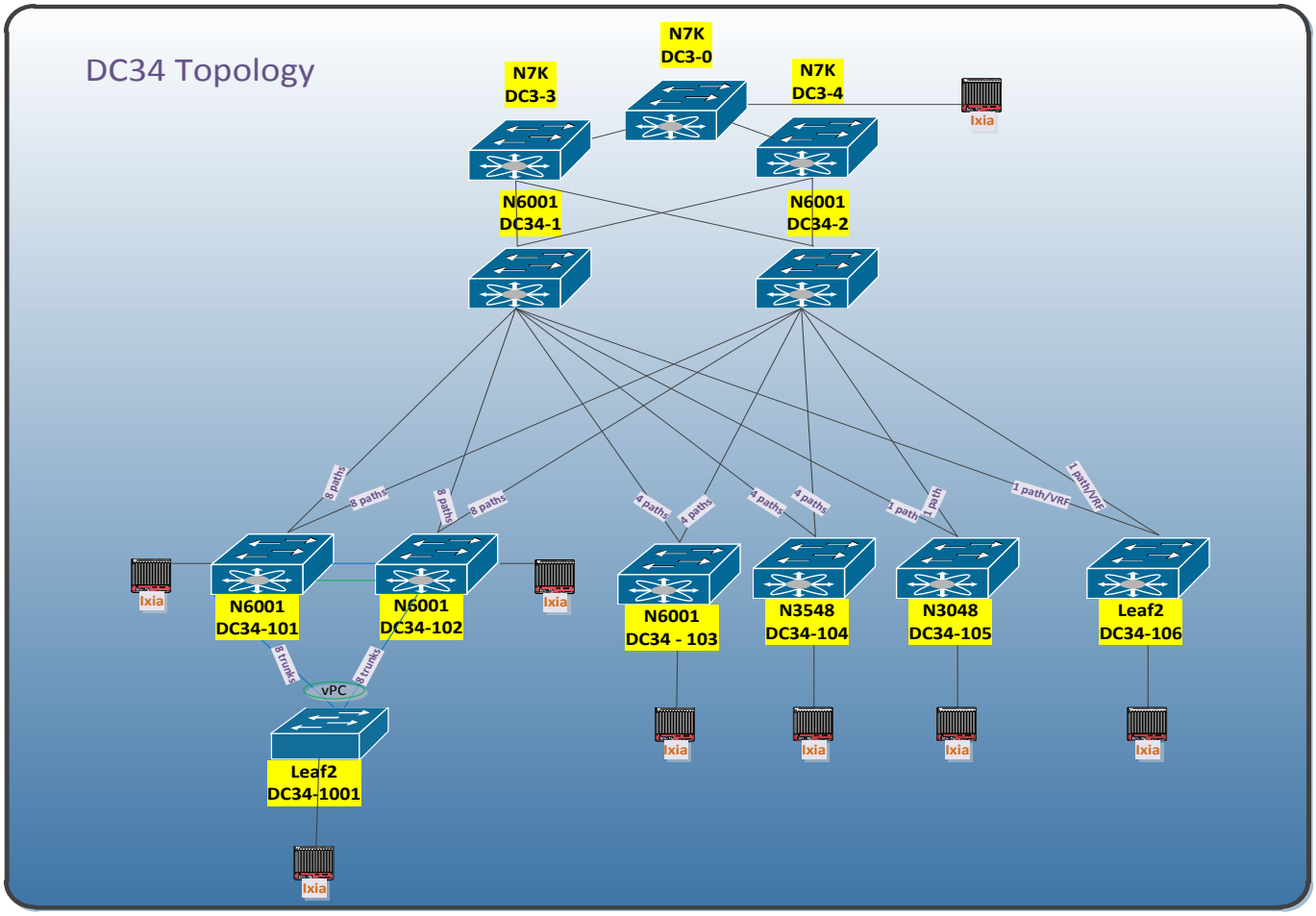
2. Network Hardware and Software Version Details

2.1 DC31/DC34

During Phase 3.3, NVT re-executed the test cases from Phase 3.1 to verify IPv4 unicast and multicast multipath traffic on the Nexus 6004, Nexus 6001 and interoperability with Nexus 3048, Nexus 3548 and Nexus 7000 platforms. DC31 and DC34 topologies are very similar except that the spine switches in DC34 are Nexus 6001 while the spine switches in DC31 are Nexus 6004. DC31 has eBGP connections between the spine and the leaf layers. Instead, DC34 has OSPF configured between the spine and the leaf layers. The spine layer is configured as Area 0 and different leaves are configured in different areas.

Platform	Model No.	Software Version
N6004	N6K-C6004-96Q-SUP	7.0(4)N1(1)
N6001	N6K-C6001-64P-SUP	7.0(4)N1(1)
N3000	N3K-C3048TP-1GE-SUP	6.0(2)U3(1)
N3548	N3K-C3548P-10G-SUP	6.0(2)A3(1)
N7010	N7K-SUP2E	6.2(8a) 6.2(10)
N7010	N7K-SUP1	6.2(8a)

Figure 1 DC31/DC34 Topologies

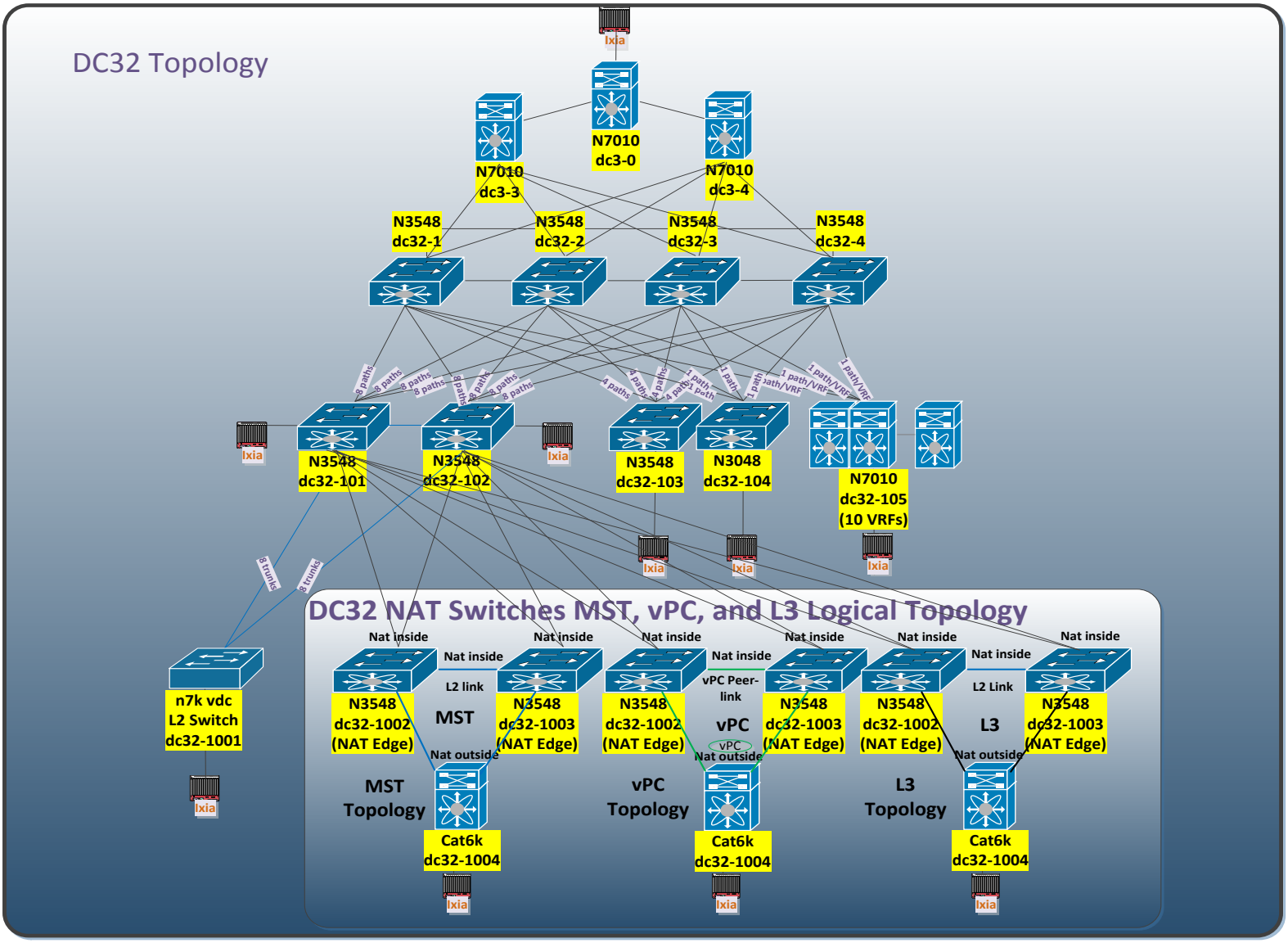


2.2 DC32

During Phase 3.3, DC32 ran multicast and unicast test failures on the network and verified functionality on the 6.0(2)A4(1) release. The list of caveats in section 3 outlines conditions and possible workarounds.

Platform	Model No.	Software Version
N3548	N3K-C3548P-10G-SUP	6.0(2)A4(1)
N3048	N3K-C3048TP-1GE-SUP	6.0(2)U4(1)
N7010	N7K-SUP2E	6.2(8a) 6.2(10)
N7010	N7K-SUP1	6.2(8a)
CAT6K	VS-S720-10G	15.1(1)SY1

Figure 2 DC32 Topology

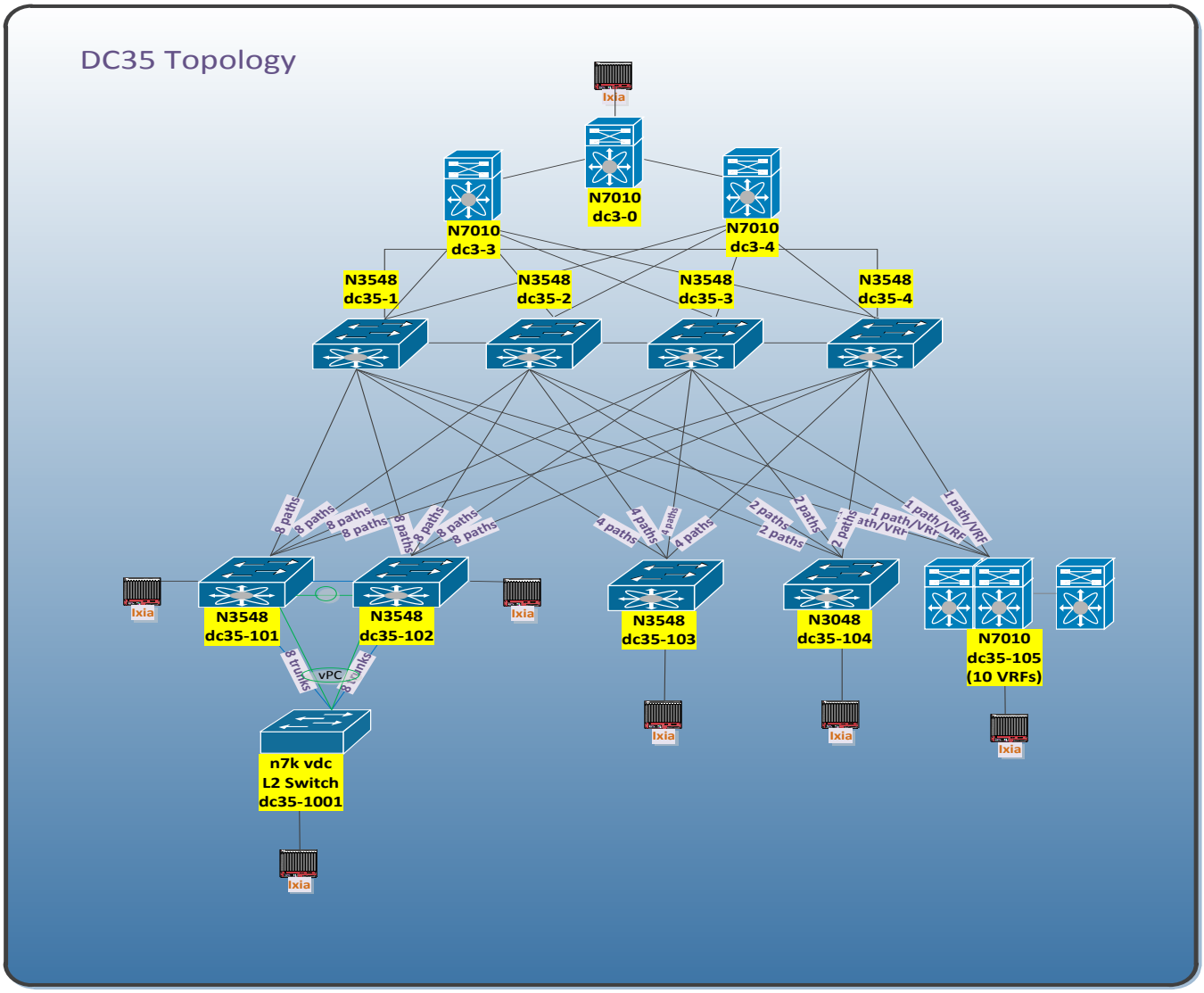


2.3 DC33

Platform	Model No.	Software Version
N3048	N3K-C3048TP-1GE-SUP	6.0(2)U4(1)
N7010	N7K-SUP2E	6.2(8a) 6.2(10)
N7010	N7K-SUP1	6.2(8a)

2.4 DC35

Figure 1 DC35 Topology



Platform	Model No.	Software Version
N3548	N3K-C3548P-10G-SUP	6.0(2)A4(1)
N3048	N3K-C3048TP-1GE-SUP	6.0(2)U4(1)

N7K	N7K-SUP2E	6.2(8a)
CAT6K	WS-SUP720-3BXL	15.1(1)SY
N7010	N7K-SUP2E	6.2(8a) 6.2(10)
N7010	N7K-SUP1	6.2(8a)

2.5 DC36

Platform	Model No.	Software Version
N3048	N3K-C3048TP-1GE-SUP	6.0(2)U4(1)
N3064	N3K-C3064PQ-10GE-SU	6.0(2)U4(1)
Cat 6500	WS-C6509-E	15.1(1)SY1
N7010	N7K-SUP2E	6.2(8a) 6.2(10)
N7010	N7K-SUP1	6.2(8a)

2.6 DC37

During NVT Phase 3.3, the main focus has been the analysis and regression of ECMP deployments for unicast IPv4 traffic as well as multicast multipath traffic on the new Nexus 3172 and its interoperability with the pre-existing Cisco platforms: Nexus 3048, Nexus 3548 Nexus 7000 and Catalyst 6000. The network is the typical spine and leaf topology. Note that Nexus 9K Serials are going to be introduced in DC37 topology, the detailed testing on them will be in the next NVT Phase (Please refer to the DC3X network topology in the NVT Phase 3.0 document for more details and configuration guides):

Platform	**Model No.**	**Software Version**
N3172	N3K-C3172PQ-10GE-SU	6.0(2)U4(1)
N3548	N3K-C3548P-10G-SUP	6.0(2)A4(1)
N3048	N3K-C3048TP-1GE-SUP	6.0(2)U4(1)
N7010	N7K-SUP2E	6.2(8a) 6.2(10)
N7010	N7K-SUP1	6.2(8a)
CAT6K	VS-SUP2T-10G	15.0(1)SY6

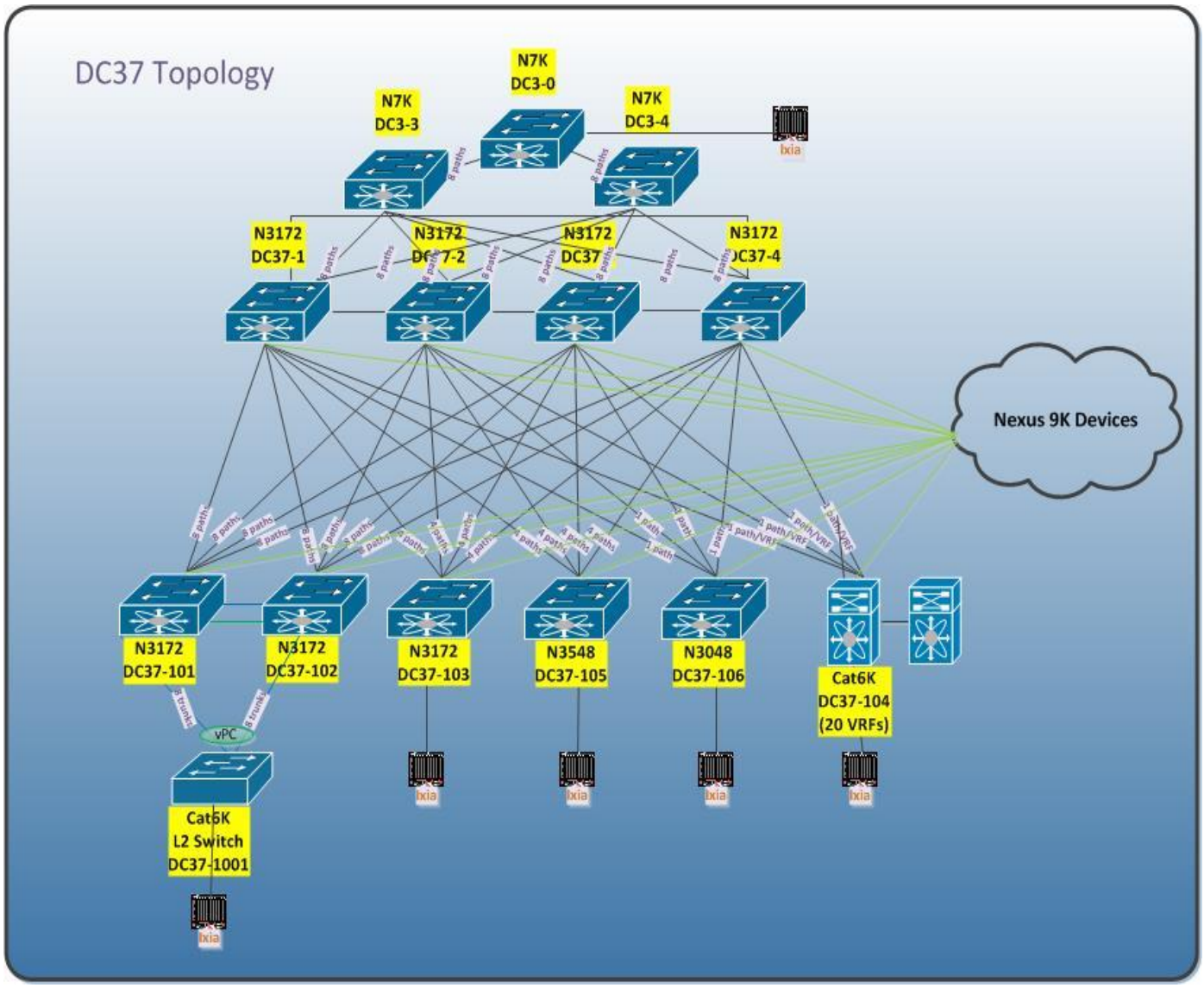
The following line cards are used on the Nexus 7000 devices:

- N7K-F248XP-25

The following line cards are used on the Catalyst 6509 devices:

- WS-X6704-10GE
- WS-X6716-10GE

Figure 6 DC37 Topologies



3. NVT Findings/Conclusion

Assigned/New	→	*Still working on fixes and may be seen in CCO image*
Unreproducible	→	*Not seen in CCO image, may be have fixed by other code fixes.*
Verified/Resolved	→	*Fixed in CCO image*
Closed	→	*System limitation and behavior will remain the same*

Caveats for DC31/DC34 (Nexus 600X)

CSCul84598

Symptom: N6K: Source DR dropping PIM register stop due to "no state"
Conditions: On starting multicast data traffic the source sends PIM register to the RP; but when it receives the register stop the message is discarded. It takes a couple of registers before the returning register stop is accepted.
Workaround: None.
Severity: Moderate
Status: Closed.
Platform Seen: Nexus 6004
Resolved Releases:
Applicable Releases: 6.0(2)N2(3) 7.0(4)N1(1)

CSCum16110
Symptom: N6K: OIF on mroute not removed when interface is remotely shut
Conditions: A particular interface is not removed from the OIF list in mroutes when a remote shut for the same interface happens. This causes a problem as traffic gets forwarded immediately on actually bringing the link up.
Workaround: The problem is not observed with Port-channels. When a remote shut happens for a port-channel, it is immediately removed from the OIF list.
Severity: Severe.
Status: New
Platform Seen: Nexus 6004
Resolved Releases:
Applicable Releases: 6.0(2)N2(3) 7.0(4)N1(1)

CSCun06145
Symptom: Incoming PIM Join not processed upon link recovery
Conditions: The PIM joins coming in immediately following a link no shut seem to be not processed by the switch and traffic is dropped until next join event. This is observed when multiple links are no shut. Traffic drop is seen for 30 to 60 seconds.
Workaround: None
Severity: Severe
Status: Closed
Platform Seen: Nexus 6004
Resolved Releases:
Applicable releases: 7.0(3)N1(1) 7.0(4)N1(1)

CSCun31570:
Symptom: N6K: BGP next-hop-self not shown for IPv6 address family
Conditions: The next-hop-self configuration is reflected in IPv4 address family, but NOT in the IPv6 address family
Workaround: None.
Severity: Cosmetic
Status: New
Platform Seen: Nexus 6001
Resolved Releases:
Applicable Releases: 6.0(2)N2(3) 7.0(4)N1(1)

CSCuo31879
Symptom: Some unicast and multicast flows gets punted to the CPU.
Conditions: Fib entry wrongly programmed on forwarding engine and packets sup redirected. After several hours of multicast traffic with the receivers joining and leaving randomly, some of the ASICs get misprogrammed leading to small amounts of traffic black holing.
Workaround: A reload of the switch can resolve the issue.
Severity: Severe
Status: Unreproducible
Platform Seen: Nexus 6001
Resolved Releases:
Applicable Releases: 7.1(0)N1(1) 7.0(3)N1(1) 7.0(4)N1(1)

CSCup10367
Symptom: MRIB process crash and device reload.
Conditions: While sending multicast traffic for few hours, after stopping IGMP joins and then restarting both multicast source traffic and IGMP joins, the MRIB process might crash and the device might get reloaded.
Workaround: None.
Severity: Severe
Status: Unreproducible
Platform Seen: Nexus 6004
Resolved Releases:
Applicable Releases: 7.0(2)N1(1)

CSCup54074/CSCui92577
Symptom: TBs upon clearing ipv6 routes
Conditions: A TB appears on the console when the ipv6 routes are cleared. Some amount of ipv6 traffic is black holed.
Workaround: Traffic recovers on its own. A reload of the switch also restores the switch back to working condition.
Severity: Moderate
Status: Duped of CSCui92577 (Resolved)
Platform Seen: Nexus 6001
Resolved Releases:
Applicable Releases: 7.0(3)N1(1) 7.0(4)N1(1)

CSCup79560
Symptom: (S,G) entries get deleted and added periodically leading to traffic loss.
Conditions: Multicast traffic for a few sources is lost in steady state. This happens because the specific (S,G) entry gets flushed periodically and gets added back.
Workaround: Reload the device will solve the problem.
Severity: Severe
Status: Resolved
Platform Seen: Nexus 6004
Resolved Releases: 7.0(4)N1(1)
Applicable Releases: 7.0(3)N1(1)

CSCuq56319
Symptom: Multicast traffic duplication during vPC peer-link flap.
Conditions: On a vPC peer-link flap, for a few seconds, a loop is created because the OIF doesn't become null on the secondary vpc peer even though the vPC VLANs are suspended. This might lead to duplicate multicast traffic.
Workaround: None. Traffic recovers on its own in 10-15 seconds.
Severity: Severe
Status: Assigned
Platform Seen: Nexus 600X
Resolved Releases:
Applicable Releases: 7.0(3)N1(1) 7.0(4)N1(1)

CSCup73654/CSCuj12958
Symptom: N6K: TB on flapping port-channel.
Conditions: upon flapping a PO between Spine and Core devices the following structural error appears: ubest_count inconsistency followed by trace backs. How ever with these trace backs no impact on system and traffic is seen
Workaround: None
Severity: Moderate
Status: Duplicate of CSCuj12958 (Resolved)
Platform Seen: Nexus 6001
Resolved Releases:
Applicable releases: 7.0(3)N1(1) 7.0(4)N1(1)

CSCuq46547
Symptom: N6K-C6001: PIM hellos not egressing out
Conditions: When performed shut/no shut multiple times of connected interfaces on a leaf layer device multiple times, PIM neighbor ships are lost and this is causing OIF not getting added. Since OIF is not added the traffic is not even going out of the FHR VPC complex. Multicast traffic gets black holed.
Workaround: Reload
Severity: Severe
Status: Held
Platform Seen: Nexus 6001
Resolved Releases:
Applicable releases: 7.0(4)N1(1)

CSCuq51570
Symptom: MR3: Error "%USER-3-SYSTEM_MSG: user delete failed for interop:userdel:"
Conditions: After reloading switch, it always shows the following error if there is other user interop login before reload.
N6K-C6001# "*show logging | in error*"
3(errors) 4(warnings) 5(notifications)
%USER-3-SYSTEM_MSG: user delete failed for interop:userdel: error removing directory /var/home/interop o such file or directory - securityd
Workaround: None
Severity: Minor
Platform Seen: Nexus 6001

Status: New
Resolved Releases:
Applicable releases: 7.0(4)N1(1)

CSCuq56336
Symptom: N6K: CDP neighbors doesn't show entry for connected interface
Conditions: CDP neighbor's information is lost for connected interfaces on spine box.
Workaround: Execute shut/no shut on the interface, then do "*clear cdp table*" .
Severity: Moderate
Status: New
Platform Seen: Nexus 6001
Resolved Releases:
Applicable releases: 7.0(4)N1(1)

Caveats for DC32 (Nexus 3548)

CSCuj95690
Symptom: The default ECMP configurations under show run all is inconsistent.
Conditions: The hardware profile unicast ECMP is inconsistent for ipv4 and ipv6.
Workaround: None
Severity: Moderate
Status: Verified
Platform Seen: Nexus 3548
Resolved Releases: 6.0(2)A4(1)
Applicable Releases: 6.0(2)A1(1c) 6.0(2)A3(1)

CSCul56932
Symptom: PIM logs show that FHR drops register stops due to "no state"
Conditions: When traffic is first sourced from the FHR data registrations are unicasted the RP. RP then sends register stop to the FHR. The FHR has not created the (S,G) entry yet and drops the register stop with "no state".
Workaround: None
Severity: Moderate
Status: Closed
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A1(1c) 6.0(2)A3(1) 6.0(2)A4(1)

CSCul27903/CSCun71539
Symptom: Unexpected OIF appears on the Spine (S,G) entry.
Conditions: When the leaf performs a link recovery, the leaf does not send a prune on the previous IIF when a new IIF is chosen due to new ECMP. This results in two OIF's on the spine (the old OIF and the new OIF). Currently, this issue has been tracked by CSCun71539 (Assigned).
Workaround: Wait for OIF to age out.
Severity: Moderate
Status: Assigned

Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A1(1c) 6.0(2)A3(1) 6.0(2)A4(1)

CSCul27880
Symptom: OIF is not removed when interface is shut remotely.
Conditions: Shutting an interface remotely will not cause OIF to be removed. This is to avoid churn in the case of link flaps
Workaround: Wait for OIF entry to expire.
Severity: Moderate
Status: Junked
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A1(1c) 6.0(2)A3(1) 6.0(2)A4(1)

CSCum63413
Symptom: Duplication of traffic seen during link flap.
Conditions: Non RPF multicast traffic received over the shared tree is forwarded even in the presence of the related source tree entry causing packet duplication.
Workaround: None
Severity: Severe
Status: Closed
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A4(1) and earlier releases

CSCun37500
Symptom: In the event of ARP table flush, traffic loss may occur after 35 seconds.
Conditions: Once the software ARP table is flushed, hardware entries remain for 35 seconds. During this window, 4 ARP transmissions take place at 1,2,7,15 second windows. If all ARP entries are not relearned within this time frame, at 35 seconds the hardware entries not re-learned via software will get deleted and need to be relearned.
Workaround: None
Severity: Severe
Status: Closed
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A1(1c) 6.0(2)A3(1) 6.0(2)A4(1)

CSCup28007
Symptom: Message “%AFM-2-AFM_TCAM_UTIL_BELOW_THRESHOLD:sup" is always seen after reload.
Conditions: Any time a reload is performed “%AFM-2-AFM_TCAM_UTIL_BELOW_THRESHOLD:sup" will be displayed on boot-up.
Workaround: None
Severity: Moderate
Status: Verified
Platform Seen: Nexus 3548

Resolved Releases: 6.0(2)A4(1)
Applicable Releases:

CSCup55653
Symptom: When receiving an IGMP join the non-DR PIM router installs the route in MRIB causing duplicate traffic.
Conditions: When the DR and NON-DR PIM routers receive an IGMP join on same network segment, they both will install the route in Mrib.
Workaround: None
Severity: Severe
Status: Verified
Platform Seen: Nexus 3548
Resolved Releases: 6.0(2)A4(1)
Applicable Releases: None

CSCup60559
Symptom: (S,G) entries with null OIF will be created on the non-DR PIM neighbor.
Conditions: The behavior change is that (S,G) with NULL OIF are being created on non-DR neighbor. This new enhancement changes the default behavior from 6.0(2)A3(1). In 6.0(2)A3(1) we were dropping the packets at CPU without installing the (S,G) with Null OIF. Enhancement is added to protect the CPU from data packets on RPF check failure.
Workaround: None
Severity: Moderate
Status: Closed
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A4(1)

CSCup90281
Symptom: The running and startup config on upgrade from 6.0(2)A3(1) to 6.0(2)A4(1) may not match.
Conditions: When upgrading from 6.0(2)A3(1) to 6.0(2)A4(1) the VRF context configurations may not match.
Workaround: Backup configurations to disk before upgrading.
Severity: Moderate
Status: Verified
Platform Seen: Nexus 3548
Resolved Releases: 6.0(2)A4(1)
Applicable Releases:

CSCuq07965
Symptom: Multicast traffic loss for specific (S,G) flows.
Conditions: Nexus 3548 transit router does not properly update the (S,G) expiry timer via data-activity causing entry to be deleted in mrib and re-learned leading to traffic loss.
Workaround: None
Severity: Severe
Status: Verified
Platform Seen: Nexus 3548

Resolved Releases: 6.0(2)A4(1)
Applicable Releases:

CSCuq18727
Symptom: A Nexus 3548 acting as a last-hop-router may receive duplicate traffic.
Conditions: When the Nexus 3548 acting as LHR performs a SPT failover, it sends the first (S,G) in join list instead of (SGR) prune on intermediate router between FHR and RP. This can lead to duplicate traffic.
Workaround: None
Severity: Severe
Status: Resolved
Platform Seen: Nexus 3548
Resolved Releases: 6.0(2)A4(1)
Applicable Releases: 6.0(2)A1(1c), 6.0(2)A3(1)

CSCuq29757
Symptom: The OIF on the (S,G) entry is missing.
Conditions: When performing a link failure or recovery, the OIF on the (*,G) entry does not appear on the (S,G) OIF list.
Workaround: Let the entry age out and resume traffic.
Severity: Moderate
Status: Unreproducible
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A4(1)

CSCuq38077
Symptom: Duplicate multicast traffic is received on the Last hop router.
Conditions: In Anycast RP scenario, when traffic is sourced initially from FHR, PIM "data register" is received on RP1. RP2 has built the shared tree towards the LHR. As a result a timing issue occurs, the MSDP source update is received after SGR prune message on RP2. Thus (S,G) entry is added with the pruned OIF's. OIF remains until the next (SGR) prune is received that prunes the OIF.
Workaround: A new CLI "*hardware profile multicast rpf-check-optimization*" has been added. The CLI will not install oif on (*,G) in hardware if "receivers are locally attached (the box is LHR). SPT-threshold infinity cannot be configured nor can PIM bidir be configured".
Severity: Severe
Status: Verified
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A4(1)

CSCuq44019
Symptom: "Show routing hash" command displays wrong output.
Conditions: With warp mode configured, the routing hash should display:"ECMP in WARP Mode is not supported".
Workaround: None
Severity: Moderate
Status: Verified

Platform Seen: Nexus 3548
Resolved Releases: 6.0(2)A4(1)
Applicable Releases:

CSCuq57603
Symptom: (S,G) is not created on FHR when source is initially started.
Conditions: "*ip pim spt-threhhold infinity*" must be configured and local receivers must send IGMP joins. Once those receivers have joined, the source traffic on the FHR will not create (S,G) entries and traffic will be lost.
Workaround: None
Severity: Moderate
Status: Verified
Platform Seen: Nexus 3548
Resolved Releases: 6.0(2)A4(1)
Applicable Releases:

CSCuq59669
Symptom: "*show system internal dir*" no longer works.
Conditions: This command has been removed in 6.0(2)A4(1) release.
Workaround: None
Severity: Moderate
Status: Junked
Platform Seen: Nexus 3000/3500
Resolved Releases:
Applicable Releases: 6.0(2)A4(1)

CSCup38101
Symptom: Intermittent routed traffic loss or high latency when traversing Nexus 3548.
Conditions: Nexus 3548 running 6.0(2)A3(1) in warp mode will punt unicast traffic to the CPU to be software switched despite forwarding information being programmed in hardware with no copy to CPU bits set.
Workaround: Revert to Normal mode or remove all the CoPP ACL's which match these traffic flows.
Severity: Severe
Status: Verified
Platform Seen: Nexus 3548
Resolved Releases: 6.0(2)A4(1)
Applicable Releases: 6.0(2)A3(1)

CSCuq72787
Symptom: Multicast convergence up to 60 seconds in scaled setup after link failure or recovery.
Conditions: Once failure occurs a new join must be sent from the LHR. When new transit router receives this join it adds the OIF to corresponding S,G entry. A prune occurs almost immediately afterwards and traffic will take up to 60 seconds before next join is received and OIF is re-added.
Workaround: Wait 60 seconds.

Severity: Moderate
Status: Closed
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A1(1c) 6.0(2)A3(1) 6.0(2)A4(1)

Caveats for DC33 (Nexus 3048)

CSCuj67358
Symptom: Nexus 3000 SNMPwalk ifHCOutMulticastPkts counters get cleared upon clear count
Conditions: Clear counter through the CLIs will cause ifHCOutMulticastPkts counter to reset
Workaround: None
Severity: Moderate
Status: Assigned
Platform Seen: Nexus 3048
Resolved Releases:
Applicable Releases: 6.0(2)U1(3) 6.0(2)U3(1) 6.0(2)U4(1)

CSCul08871/CSCuq45985
Symptom: Nexus 3000 temporary packet duplication upon spine router failure
Conditions: Spine routers reload might cause temporary packet duplication.
Workaround: None
Severity: Severe
Status: Duplicate of CSCuq45985 (Closed)
Platform Seen: Nexus 3000
Resolved Releases:
Applicable Releases: 6.0(2)U1(3) 6.0(2)U3(1) 6.0(2)U4(1)

CSCul46458
Symptom: Nexus 3000 "show port-channel load-balance" CLI and running-config may return wrong information
Conditions: After changing the load-balance algorithm value, the CLI and the running-config will still show the port-channel load-balance default value.
Workaround: None
Severity: Minor
Status: New
Platform Seen: Nexus 3048
Resolved Releases:
Applicable Releases: 6.0(2)U1(3) 6.0(2)U3(1) 6.0(2)U4(1)

CSCul46510
Symptom: Nexus 3000 "*show routing hash*" fails to return a value
Conditions: The CLI this command is not supported for multicast.
Workaround: None
Severity: Moderate
Status: Resolved

Platform Seen: Nexus 3000
Resolved Releases: 6.0(2)U4(1)
Applicable Releases: 6.0(2)U1(3) 6.0(2)U3(1)

CSCup40752
Symptom: hsrp_engine core seen on ISSD from 6.0(2)U4(758) to 6.0(2)U3(1)CCO
Conditions: During ISSD from 6.0(2)U4(0.758) to 6.0(2)U3(1) (CCO) and 'hsrp_engine' core is observed. After initiating "install all" command "hsrp_engine" service gets crashed, switch got reloaded & switch comes back online with "hsrp_engine" core
Workaround: None
Severity: Severe
Status: Verified
Platform Seen: Nexus 3048
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup50509/CSCup46030
Symptom: Switch fails to come-up after loading 6.0(2)U4(1) image.
Conditions: Switch does not come up with 6.0(2)U4(1) and remained stuck in an endless loop.
Workaround: None
Severity: Severe
Status: Duplicate of CSCup46030 (Verified)
Platform Seen: Nexus 3048
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup53529/CSCup51044
Symptom: 10 G port (SFP-H10GB-CU1M / SFBR-7702SDZ-CS5) link issue seen.
Conditions: After ISSU from 6.0(2)U3(1), 10G port connected to Ixia gets disabled because of too many link-flaps.
Workaround: None
Severity: Moderate
Status: Duplicate of CSCup51044 (Verified)
Platform Seen: Nexus 3048
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup60592
Symptom: vPC peer logged a false message stating "Keep-alive" failed
Conditions: In a steady-state vPC peer logs a false message as *"%VPC-2-PEER_KEEP_ALIVE_RECV_FAIL: In domain 301, VPC peer keep-alive receive has failed*"
Workaround: VPC peer-keepalive packets are dropped when there is huge burst of control plane traffic going to CPU. CPU traffic includes, routing protocol, ARP, Glean, IPMC Miss packets. The vPC peer-keepalive packets are going to the CPU queue on low priority queue when the peer-keepalive is configured on a L3 link instead of MGMT interface. Issue happens only when the CPU queues are congested and the peer-keepalive interface is a L3 link instead of MGMT interface. Workaround is to

configure the below ACL to prioritize vPC peer-keepalive incase a L3 link (non-management interface) is used for VPC peer-keepalives.

- *ip access-list copp-system-acl-routingproto2*
- *30 permit udp any any eq 3200*

Where 3200 is the default UDP port for keepalive packets. The above ACL should match on the configured UDP port in case the default (3200) port is changed.
Severity: Moderate
Status: Closed
Platform Seen: Nexus 3048
Resolved Releases:
Applicable Releases: 6.0(2)U4(1)

CSCup62945
Symptom: (S,G)s not synched between vPC peers.
Conditions: Broken dual-DR functionality affects multicast forwarding by vPC peers. This eventually causes packet loss on further multicast recipients in the network.
Workaround: None
Severity: Severe
Status: Verified
Platform Seen: Nexus 3048
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup86409/CSCup84128
Symptom: Show hardware profile status shows incorrect entry for Multicast routes.
Conditions: A steady state packet loss with varying amount of multicast traffic is observed.
Workaround: None
Severity: Moderate
Status: Duplicate of CSCup84128 (Verified)
Platform Seen: Nexus 3048
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup90965
Symptom: "*hardware profile multicast prefer-source-tree eternity*" is not showing up in running-configuration.
Conditions: Even though the command: "*hardware profile multicast prefer-source-tree eternity*" is configured, it does not show up in running configuration.
Workaround: None
Severity: Moderate
Status: Verified
Platform Seen: Nexus 3048
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup91133/CSCup90965
Symptom: Extensive Packet duplication observed upon link flap in spite of setting up source tree preference to eternity.
Conditions: Even though "*hardware profile multicast prefer-source-tree eternity*" is configured to avoid packet duplication, extensive packet duplication is observed when links from Spine towards vPC peers are flapped.
Workaround: None
Severity: Moderate
Status: Duplicate of CSCup90965 (Verified)
Platform Seen: Nexus 3048
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCuq16556
Symptom: Switch remains in a reload loop after generating a PIM core due to mrib crash
Conditions: While switch is in a steady state, "mrib crash" on the switch generated a "pim" core. After generating this core, switch gets stuck in a reload-loop**.**
Workaround: Break switch's reload loop by hitting "Ctrl+shift+l" continuously. This will take switch into a loader prompt. From this loader prompt mention a stable kickstart image & reload the switch. After reload, switch will land-up in a boot prompt. From this boot prompt mention a system image that corresponds to loaded kickstart image. Reload the switch & switch will come out of reload loop with specified system & kickstart image. In case configuration has lost, then it can be reapplied to running configuration by issuing "*copy <saved config>.cofig running-configuration*"
Severity: Severe
Status: Unreproducible
Platform Seen: Nexus 3048
Resolved Releases:
Applicable Releases: 6.0(2)U4(1)

CSCuq43993
Symptom: MSDP core seen after switch got rebooted due to HA Policy of reset.
Conditions: During automation, switch got rebooted due to HA Policy of reset. After switch came up, MSDP core was seen on it.
Workaround: None
Severity: Severe
Status: Resolved
Platform Seen: Nexus 3048
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCuq45985
Symptom: Occasional packet duplication was seen upon flapping uplink from vPC Secondary peer towards Spine
Conditions: During automation Occasional packet duplication was seen upon flapping uplink from vPC Secondary towards Spine.
Workaround: None
Severity: Severe

Status: Closed
Platform Seen: Nexus 3048
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

Caveats for DC35 (Nexus 3548)

CSCup87980
Symptom: N3K: System busy, could not access ASIC temperature sensor
Conditions: When System CPU goes high for a while, "System busy, could not access ASIC temperature sensor" logs might be displayed on the console which doesn't harm any kind of traffic flowing in the network.
Workaround: None
Severity: Moderate
Status: Unreproducible
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A4(1)

CSCuq02099
Symptom: N3K: Wrong alignment in "*sh vPC brief*" output
Conditions: In "*sh vPC brief*" output there might be slight misalignment in the output displayed for "Peer gateway excluded VLANs". This is a cosmetic issue and not specific to N3548.
Workaround: None
Severity: Cosmetic
Status: New
Platform Seen: All Nexus
Resolved Releases:
Applicable Releases: 6.0(2)A3(1) 6.0(2)A4(1)

CSCuq02767/CSCuq38077
Symptom: N3K: High StDev with Multicast upon Spine to Leaf link failure/recovery
Conditions: When Links between SPINE (N3548) and LEAF flap, multicast traffic convergence might have high standard deviation.
Workaround: None
Severity: Moderate
Status: Duplicate of CSCuq38077 (Verified)
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A3(1) 6.0(2)A4(1)

CSCuq10785
Symptom: N3K: duplicate entry for mrouting option under debug ip
Conditions: In "*debug ip ?*" output there might be duplicate entry seen for "mrouting" option. This is a cosmetic issue and has no impact on debug logs displayed for mrouting table events.
Workaround: None

Severity: Cosmetic
Status: New
Platform Seen: All Nexus
Resolved Releases:
Applicable Releases: 6.0(2)A3(1) 6.0(2)A4(1)

CSCuq10792
Symptom: N3K: (S,G) flush causing traffic drop @ uncertain intervals @ steady state
Conditions: When North-South Multicast traffic flows through Spine (N3548) to L3 Standalone Leaf (N3548), traffic drop might be observed at uncertain intervals.
Workaround: None
Severity: Severe
Status: Verified
Platform Seen: Nexus 3548
Resolved Releases: 6.0(2)A4(1)
Applicable Releases:

CSCuq51247
Symptom: N3K: Some sources not registered between Anycast RPs
Conditions: When Anycast-RP with PIM is configured between multiple spines, some spines might miss some of the source registrations. But this doesn't affect the multicast traffic in the network.
Workaround: None
Severity: Severe
Status: Unreproducible
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A4(1)

CSCuq62812
Symptom: N3K: Spine to Leaf link flaps multiple times, PIM crashed & Spine reset
Conditions: While running automation to flap links multiple times between Spine and Leaf, PIM crash was been observed that reset the spine. Traffic converged back through other available Spines as expected. Couldn't able to reproduce the issue again on the same build.
Workaround: None
Severity: Severe
Status: Unreproducible
Platform Seen: Nexus 3548
Resolved Releases:
Applicable Releases: 6.0(2)A4(1)

Caveats for DC36 (Nexus 30XX)

CSCup40744/CSCup24883
Symptom: ping broken in a daily 6.0(2)U4 build
Conditions: loading 6.0(2)U4(0.758) compromise L3 reachability on directly connected interfaces.
Workaround: None

Severity: Severe
Status: Duped to CSCup24883 (Verified)
Platform Seen: Nexus 30XX
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup41405/CSCup34328
Symptom: ping broken in a daily 6.0(2)U4 build
Conditions: loading 6.0(2)U4(0.758) upon sourcing and receiving multicast traffic on a standalone L2/L3 access switch the following TBs might appear on screen "`CASTFWD-3-TSP_RWSEM_LOCK_FAIL: rwsem_lock_no_sig(RD SAP 3) failed:`" causing the PIM process to crash and inducing a traffic loss.
Workaround: None
Severity: Severe
Status: Duped to CSCup34328 (Verified)
Platform Seen: Nexus 30XX
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup65363
Symptom: multicast data traffic punted to the CPU on a daily 6.0(2)U4 build
Conditions: loading 6.0(2)U4(0.783) multicast data traffic gets erroneously punted to the CPU.
Workaround: None
Severity: Severe
Status: Resolved
Platform Seen: Nexus 30XX
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup78691
Symptom: configuration loss of the 10 Gig interfaces upon upgrade procedure
Conditions: following this steps: "save configuration onto bootflash, write erase, reapply saved configuration into running-config, copy running-config into startup-config, reload" might lead to configuration loss.
Workaround: None
Severity: Severe
Status: Unreproducible
Platform Seen: Nexus 30XX
Resolved Releases:
Applicable Releases: 6.0(2)U4(1)

CSCup79017
Symptom: System crashes with "SYSMGR-2-SERVICE_CRASHED: Service "BGP" hasn't caught signal 11 "
Conditions: upon image upgrade with between daily images using "install all" command the system might crash and never recover.
Workaround: None
Severity: Catastrophic
Status: Resolved

Platform Seen: Nexus 30XX
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCup81454
Symptom: BUG: soft lockup - CPU#0 stuck for 11s!
Conditions: On a vPC system running a daily 6.0(2)U1 image, one of the vPC might crash upon system reload..
Workaround: None
Severity: Severe
Status: Unreproducible
Platform Seen: Nexus 30XX
Resolved Releases:
Applicable Releases: 6.0(2)U4(1)

CSCuq46349
Symptom: N3064/vPC: ip ARP sync feature is broken on the N3XXX platforms.
Conditions: the "*ip arp synchronization*" feature under the vPC feature has been deferred for all the N3XXX platforms. CLI will prevent the customer to configure it.
Workaround: None.
Severity: Severe
Status: Resolved
Platform Seen: Nexus 3XXX
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCur12946
Symptom: N30XX/vPC: ARP sync still present in running-config
Conditions: the "*ip arp synchronization*" feature under the vPC feature has been deferred for all the N3XXX platforms, however the CLI will still be present in the running-config and in the "*show run vpc*" output.
Workaround: None.
Severity: Cosmetic
Status: New
Platform Seen: Nexus 30XX
Resolved Releases:
Applicable Releases: 6.0(2)U4(1)

CSCur14762
Symptom: N3K/vPC: multicast packet duplication upon vPC peer-link recovery with orphans.
Conditions: when the vPC peer-link recovers from a failure, packet duplication might occur for the local multicast traffic sourced from the orphan port attached to the secondary vPC peer and received by the orphan port attached to the primary vPC peer.
Workaround: Stop all multicast data and protocol traffic, clear all the mroutes and then start all the multicast data and protocol traffic again.
Severity: Severe
Status: New

Platform Seen: Nexus 30XX
Resolved Releases:
Applicable Releases: 6.0(2)U4(1) 6.0(2)U3(1)

Caveats for DC37 (Nexus 3172)

CSCup30207/CSCuq02979
Symptom: Duplicated multicast packets sent to receivers connected via vPC.
Conditions: Multicast data traffic rerouted from vPC leg back on same VLAN when source and receivers are on the same VLAN
Workaround: None
Severity: Severe
Status: Duplicate of CSCuq02979 (Verified)
Platform Seen: Nexus 3172
Resolved Releases: 6.0(2)U4(1)
Applicable Releases: 6.0(2)U3(1)

CSCup97795/CSCup42509
Symptom: N3172 multicast packet loss when traffic sourced from L3 orphan ports vPC enabled
Conditions: When multicast traffic is sourced from N3172 vPC L3 orphan ports, some multicast packet loss could be observed.
Workaround: None
Severity: Severe
Status: Duplicate of CSCup42509 (Assigned)
Platform Seen: Nexus 3172
Resolved Releases:
Applicable Releases: 6.0(2)U4(1) 6.0(2)U3(1)

CSCuq02979
Symptom: N3172 Multicast data rerouted from vPC leg back on same VLAN without orphan port
Conditions: Multicast traffic is sourced from local host. Multicast traffic duplication will be observed because data is rerouted from vpc leg back on same VLAN.
Workaround: None
Severity: Severe
Status: Verified
Platform Seen: Nexus 3172
Resolved Releases: 6.0(2)U4(1)
Applicable Releases: 6.0(2)U3(1)

CSCuq03088
Symptom: N3172 Multicast packet duplication while creating (S,G) entries
Conditions: If due to some packet stream learning of S,G is little slow, there could be some packet duplication.
Workaround: Tune ipmcmiss copp limit to make (S,G) created faster
Severity: Severe
Status: Closed

Platform Seen: Nexus 3172
Resolved Releases:
Applicable Releases: 6.0(2)U4(1) 6.0(2)U3(1)

CSCuq18250
Symptom: N3172 MRIB crashed on PIM RP after overnight running entries
Conditions: When running traffic overnight, MRIB crashed on PIM RP is found.
Workaround: None
Severity: Severe
Status: Unreproducible
Platform Seen: Nexus 3172
Resolved Releases:
Applicable Releases: 6.0(2)U4(1)

CSCuq27612
Symptom: N3172 multicast traffic loss for 3 minutes after PIM DR recovery with vPC enabled
Conditions: After PIM DR which is vPC peer device recover from reload, multicast traffic loss is observed for about 3 minutes.
Workaround: None
Severity: Severe
Status: Closed
Platform Seen: Nexus 3172
Resolved Releases:
Applicable Releases: 6.0(2)U4(1)

CSCuq41710
Symptom: N3172 multicast traffic doesn't fully recover after keepalive&peerlink recovery
Conditions: Shutdown vPC keepalive link and peerlink, and then no shutdown peerlink and keepalive link, multicast traffic couldn't fully recover
Workaround: None
Severity: Severe
Status: Verified
Platform Seen: Nexus 3172
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCuq48685/CSCuq41710
Symptom: N3172 multicast traffic doesn't fully recover after reload one of anycast RP
Conditions: One of anycast RP is reload, after it comes back, multicast traffic couldn't fully recover
Workaround: None
Severity: Severe
Status: Duplicate of CSCuq41710 (Verified)
Platform Seen: Nexus 3172
Resolved Releases: 6.0(2)U4(1)
Applicable Releases:

CSCuq63009

Symptom: N3172 ERR "CLIS-7-INVALID_LOCK_INDEX" will occur when changing L3 interface to L2 interface
Conditions: When changing the interface configuration from "*no switchport*" to "*switchport*" with traffic running, error message "CLIS-7-INVALID_LOCK_INDEX" will occur.
Workaround: None
Severity: Moderate
Status: Assigned
Platform Seen: Nexus 3172
Resolved Releases:
Applicable Releases: 6.0(2)U4(1)

4. NVT Test Results

The following section contains test case and results for:

- DC32
- DC33
- DC35
- DC36
- DC37

Total # of test cases – Total number of test cases
Total # of Pass – Total number of test cases that meet the passing criteria for the latest test run
Total # of Pass with Exception – Total number of test cases that meet passing criteria with exceptions for the latest test run
Total # of Fail – Total number of test cases that fail to meet the passing criteria for the latest test run
Total # of Iteration – Total number of times a test case has been executed

4.1 Frontend Report Summary

	Folders	Total # of Iteration	Total # of test cases	Total # of Pass	Total # of Pass w/Exception	Total # of Fail	Defect(s)
1	NVT 3.3	13756	2800	2739	42	19	
1.1	DC32	1473	273	265	8	0	
1.1.1	Configuration	36	1	1	0	0	
1.1.1.1	Common Configuration	36	1	1	0	0	
1.1.2	Multicast with Multipath	1286	216	208	8	0	
1.1.2.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers	56	16	16	0	0	
1.1.2.2	L3 Port-channel	56	16	16	0	0	

	Failure/Recovery between Spines						
1.1.2.3	L3 Port-channel member Failure/Recovery between Spines	58	16	16	0	0	
1.1.2.4	L3 Routed Port Failure/Recovery	274	40	39	1	0	CSCuq72787, CSCuq38077
1.1.2.5	L3 Port-channel Failure/Recovery between Spine and Leaf	409	24	18	6	0	CSCuq72787
1.1.2.6	L3 port-channel member Failure/Recovery between Spine and Leaf	409	96	96	0	0	
1.1.2.7	Clear PIM Routes	24	8	7	1	0	CSCuq29757, CSCuq72787
1.1.3	Unicast ECMP	31	12	12	0	0	
1.1.3.1	Clear Neighbors	10	4	4	0	0	
1.1.3.2	Clear Ipv4/IPv6 Unicast Routes	10	4	4	0	0	
1.1.3.3	Restart process	11	4	4	0	0	
1.1.4	L2 Link Failure/Recovery	74	36	36	0	0	
1.1.4.1	L2 Port-channel Failure/Recovery between Leaf and ToR devices	42	32	32	0	0	
1.1.4.2	L2 Port-channel Failure/Recovery between Leaf devices	32	4	4	0	0	
1.1.5	Reload and Power Cycle Switch	46	8	8	0	0	
1.1.5.1	Reload Spine	24	4	4	0	0	
1.1.5.2	Reload Leaf	22	4	4	0	0	
1.2	DC35	2595	356	356	0	0	
1.2.1	Spine to Core Setup	4	4	4	0	0	
1.2.1.1	Spine to Core Setup	4	4	4	0	0	
1.2.2	Leaf to Hosts Ixia Setup	5	5	5	0	0	
1.2.2.1	Leaf to Hosts Ixia Setup	5	5	5	0	0	
1.2.3	Unicast ECMP	1295	184	184	0	0	
1.2.3.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers	49	16	16	0	0	
1.2.3.2	L3 Routed Port Failure/Recovery	440	64	64	0	0	
1.2.3.3	L3 Port-channel Failure/Recovery between Spine and Leaf	502	72	72	0	0	
1.2.3.4	L3 port-channel member Failure/Recovery	296	28	28	0	0	

	between Spine and Leaf						
1.2.3.5	Clear Ipv4/IPv6 Unicast Routes	8	4	4	0	0	
1.2.4	L2 Link Failure/Recovery	260	12	12	0	0	
1.2.4.1	vPC leg failure/recovery between Leaf and ToR	136	8	8	0	0	
1.2.4.2	vPC peer-link failure/recovery between Leaf vPC peer switches	124	4	4	0	0	
1.2.5	Multicast with Multipath	991	147	147	0	0	
1.2.5.1	L3 Routed Port Failure/Recovery	434	64	64	0	0	
1.2.5.2	L3 Port-channel Failure/Recovery between Spine and Leaf	484	72	72	0	0	
1.2.5.3	RP,DR Failure	61	7	7	0	0	
1.2.5.4	Clear Ipv4 Multicast Routes	12	4	4	0	0	
1.2.6	Reload and Power Cycle Switch	40	4	4	0	0	
1.2.6.1	Reload Spine	12	1	1	0	0	
1.2.6.2	Reload Leaf	28	3	3	0	0	
1.3	DC36	1838	429	405	12	12	
1.3.1	Configuration	76	11	11	0	0	
1.3.1.1	Common Configuration	76	11	11	0	0	
1.3.2	Reload and Power Cycle Switch	30	11	7	0	4	
1.3.2.1	Reload Spine	16	6	6	0	0	
1.3.2.2	Reload Leaf	14	5	1	0	4	CSCur14762
1.3.3	Unicast ECMP	837	191	186	5	0	
1.3.3.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers	28	8	8	0	0	
1.3.3.2	L3 Routed Port Failure/Recovery	577	116	116	0	0	
1.3.3.3	L3 Port-channel Failure/Recovery between Spine and Leaf	70	8	8	0	0	
1.3.3.4	L3 port-channel member Failure/Recovery between Spine and Leaf	64	20	20	0	0	
1.3.3.5	Clear Ipv4/IPv6 Unicast Routes	22	11	6	5	0	
1.3.3.6	L3 Port-channel Failure/Recovery between Spines	76	28	28	0	0	
1.3.4	Multicast with Multipath	849	198	187	7	4	

1.3.4.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers	36	8	8	0	0	
1.3.4.2	L3 Routed Port Failure/Recovery	547	114	114	0	0	
1.3.4.3	L3 Port-channel Failure/Recovery between Spine and Leaf	72	8	8	0	0	
1.3.4.4	L3 port-channel member Failure/Recovery between Spine and Leaf	66	20	20	0	0	
1.3.4.5	RP,DR Failure	44	11	7	0	4	CSCur14762
1.3.4.6	Clear Ipv4 Multicast Routes	22	11	11	0	0	
1.3.4.7	L3 Port-channel Failure/Recovery between Spines	48	16	16	0	0	
1.3.4.8	Clear IGMP Routes/Groups	14	10	3	7	0	
1.3.5	L2 Link Failure/Recovery	46	18	14	0	4	
1.3.5.1	vPC leg failure/recovery between Leaf and ToR	16	8	8	0	0	
1.3.5.2	vPC peer-link failure/recovery between Leaf vPC peer switches	26	8	4	0	4	CSCur14762
1.3.5.3	vPC Peer-keepalive failure/recovery between Leaf vPC peer switches	4	2	2	0	0	
1.4	DC33	4245	928	920	8	0	
1.4.1	Configuration	39	4	4	0	0	
1.4.1.1	Common Configuration	39	4	4	0	0	
1.4.2	Unicast ECMP	1562	466	465	1	0	
1.4.2.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers	4	4	4	0	0	
1.4.2.2	L3 Port-channel Failure/Recovery between Spines	24	24	24	0	0	
1.4.2.3	L3 Port-channel member Failure/Recovery between Spines	34	16	16	0	0	
1.4.2.4	L3 Port-channel member Failure/Recovery between Spine and Leaf	679	112	112	0	0	
1.4.2.5	L3 Port-channel Failure/Recovery between Spine and Leaf	306	24	24	0	0	
1.4.2.6	L3 Routed Port	515	286	285	1	0	

	Failure/Recovery						
1.4.3	L2 Link Failure/Recovery	189	8	4	4	0	
1.4.3.1	vPC leg failure/recovery between Leaf and ToR	32	4	0	4	0	
1.4.3.2	vPC peer-link failure/recovery between Leaf vPC peer switches	157	4	4	0	0	
1.4.4	Multicast with Multipath	2455	450	447	3	0	
1.4.4.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers	4	4	4	0	0	
1.4.4.2	L3 Port-channel Failure/Recovery between Spines	16	16	16	0	0	
1.4.4.3	L3 Port-channel member Failure/Recovery between Spines	34	16	16	0	0	
1.4.4.4	L3 Routed Port Failure/Recovery	1488	282	282	0	0	
1.4.4.5	L3 Port-channel Failure/Recovery between Spine and Leaf	20	16	16	0	0	
1.4.4.6	L3 port-channel member Failure/Recovery between Spine and Leaf	885	112	112	0	0	
1.4.4.7	RP,DR Failure	8	4	1	3	0	CSCur14762, Cscul08871
1.5	DC37	3605	814	793	14	7	
1.5.1	Configuration	65	15	15	0	0	
1.5.1.1	Common Configuration	65	15	15	0	0	CSCuq59846
1.5.2	Unicast ECMP	1735	367	363	2	2	
1.5.2.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers	147	20	20	0	0	
1.5.2.2	L3 Port-channel Failure/Recovery between Spines	144	20	20	0	0	CSCuq53895
1.5.2.3	L3 Port-channel member Failure/Recovery between Spines	90	16	15	1	0	CSCuq72787, CSCuq53895
1.5.2.4	L3 Port-channel Failure/Recovery between Spine and Leaf	781	140	137	1	2	CSCuq72787, CSCuq40376, CSCuq53895
1.5.2.5	L3 port-channel member Failure/Recovery between Spine and Leaf	435	126	126	0	0	CSCuq72787
1.5.2.6	Clear Ipv4/IPv6 Unicast Routes	45	15	15	0	0	

1.5.2.7	Clear Neighbors	48	15	15	0	0	
1.5.2.8	Restart process	45	15	15	0	0	
1.5.3	L2 Link Failure/Recovery	38	36	36	0	0	
1.5.3.1	vPC leg failure/recovery between Leaf and ToR	14	12	12	0	0	
1.5.3.2	vPC leg member failure/recovery between Leaf and ToR	6	6	6	0	0	
1.5.3.3	vPC peer-link failure/recovery between Leaf vPC peer switches	12	12	12	0	0	
1.5.3.4	vPC Peer-keepalive failure/recovery between Leaf vPC peer switches	6	6	6	0	0	
1.5.4	Multicast with Multipath	1767	396	379	12	5	
1.5.4.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers	147	20	20	0	0	
1.5.4.2	L3 Port-channel Failure/Recovery between Spines	144	20	20	0	0	
1.5.4.3	L3 Port-channel Failure/Recovery between Spine and Leaf	780	140	137	0	3	CSCuq40376
1.5.4.4	L3 port-channel member Failure/Recovery between Spine and Leaf	435	126	126	0	0	
1.5.4.5	RP,DR Failure	36	15	3	10	2	CSCum69086, CSCuq27612, CSCum69086
1.5.4.6	Clear Ipv4 Multicast Routes	45	15	15	0	0	
1.5.4.7	Clear IGMP Routes/Groups	60	20	20	0	0	
1.5.4.8	Clear PIM Routes	45	15	15	0	0	
1.5.4.9	Restart process	75	25	23	2	0	

4.2 Excerpt from Frontend Report

	Folders	Verification	Total # of Iteration	Total # of test cases	Total # of Pass	Total # of Pass w/Exception	Total # of Fail	Defect(s)
1.3	DC36		1838	429	405	12	12	
1.3.1	Configuration		76	11	11	0	0	
1.3.1.1	Common Configuration		76	11	11	0	0	
1.3.1.1.1	DC36-1-none-none		46					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.2	DC36-2-none-none		2					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						

		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.3	DC36-3-none-none		3					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.4	DC36-4-none-none		2					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.5	DC36-5-none-none		5					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and						

		primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.6	DC36-6-none-none		2					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.7	DC36-101-none-none		7					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.8	DC36-102-none-none		2					
		Verify MTU setting (9216)						

		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.9	DC36-103-none-none		2					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.10	DC36-105-none-none		3					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						

		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.1.1.11	DC36-106-none-none		2					
		Verify MTU setting (9216)						
		Verify logging server config on switch and that logs in logging server						
		Verify CoPP						
		Verify SNMP and traps						
		Verify NTP/PTP and Time Zone : ntp.interop.cisco.com						
		Verify licensing						
		Verify Tacacs+ (tacacs.interop.cisco.com) and primary/backup servers						
		Verify SSH works through the management network on a dedicated vrf						
		Verify RSA key does not change on device						
		Verify UDLD neighbors and UDLD aggressive mode						
		Verify error vlans						
		Verify frames delta does not increase.						
1.3.2	Reload and Power Cycle Switch		30	11	7	0	4	
1.3.2.1	Reload Spine		16	6	6	0	0	
1.3.2.1.1	DC36-2-Reload-DC36-2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						

		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency						

		parameters)						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.2.1.2	DC36-1-Reload-DC36-1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic						

		should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						

		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.2.1.3	DC36-3-Reload-DC36-3		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						

		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.2.1.4	DC36-4-Reload-DC36-4		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC						

		on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						

		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.2.1.5	DC36-5-Reload-DC36-5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						

		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify that MEM and CPU Usage for Supervisors and line cards are						

		comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.2.1.6	DC36-6-Reload-DC36-6		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						

		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						

1.3.2.2	Reload Leaf		14	5	1	0	4	CSCur14762
1.3.2.2.1	DC36-101-Reload-DC36-101		3					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						

		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.2.2.2	DC36-102-Reload-DC36-102		3					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						

		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						

		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.2.2.3	DC36-103-Reload-DC36-103		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query						

		from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						

		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.2.2.4	DC36-105-Reload-DC36-105		3					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						

		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						

1.3.2.2.5	DC36-106-Reload-DC36-106		2					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify STP port states during and after reload.						
		Verify FHRP peers status during and after reload.						
		Verify the L2 forwarding table should remove entries of the affected link at the neighbor switch.						
		Verify FHRP MAC in ARP/ND table.						
		Verify FHRP MAC address is programmed as a router/static MAC on the active switch and a dynamic entry on the standby switch.						
		Verify that MACâ€™s for SVIâ€™s are programmed as router/static entries on the switches where they are configured and learned as dynamic entries on the L2 peers.						
		On the aggregation switches, verify that the ARP/ND are programmed as adjacencies for L3 next hop forwarding after reload.						
		Verify that no flooding happens after traffic convergence.						
		Verify IGMP/MLD snooping entries are deleted for the affected links at the access switches and re-learnt correctly on the alternative links after query from the IGMP snooping router.						
		Verify ACL/QoS TCAM is programmed correctly to share for ACLâ€™s and features that allow for sharing and verify ACLâ€™s are not sharing when not expected.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the						

		backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify GRE Tunnel re-route due to transport disruption.						
		Verify MTU fragmentation and reassembling at tunnel edge.						
		Verify BFD peer detection and client notifications.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC peer switch reload.						
		Verify vPC peer status (role, peer link, keepalive link and consistency parameters)						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify CDP/LLDP status during reload on the peers and after reload on the peers and DUT.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3	Unicast ECMP		837	191	186	5	0	
1.3.3.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers		28	8	8	0	0	
1.3.3.1.1	DC36-1-LinkShut-Po3		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						

		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.1.2	DC36-1-LinkNoShut-Po3		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						

		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.1.3	DC36-1-LinkShut-Po4		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						

		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.1.4	DC36-1-LinkNoShut-Po4		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						

		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.1.5	DC3-3-LinkShut-Po61		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						

		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.1.6	DC3-3-LinkNoShut-Po61		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						

		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.1.7	DC3-4-LinkShut-Po61		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						

		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.1.8	DC3-4-LinkNoShut-Po61		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						

		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2	L3 Routed Port Failure/Recovery		577	116	116	0	0	
1.3.3.2.1	DC36-1-LinkShut-e1/50		21					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						

		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.2	DC36-1-LinkNoShut-e1/50		21					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						

		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.3	DC36-1-LinkShut-e1/52		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.4	DC36-1-LinkNoShut-e1/52		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						

		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.5	DC36-105-LinkShut-e1/31		17					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast						

		are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.6	DC36-105-LinkNoShut-e1/31		17					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.7	DC36-106-LinkShut-e1/31		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.8	DC36-106-LinkNoShut-e1/31		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.9	DC36-2-LinkShut-e1/50		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.10	DC36-2-LinkNoShut-e1/50		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.11	DC36-2-LinkShut-e1/52		3					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.12	DC36-2-LinkNoShut-e1/52		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.13	DC36-105-LinkShut-e1/32		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.14	DC36-105-LinkNoShut-e1/32		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.15	DC36-106-LinkShut-e1/32		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.16	DC36-106-LinkNoShut-e1/32		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.17	DC36-3-LinkShut-e1/50		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.18	DC36-3-LinkNoShut-e1/50		3					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.19	DC36-3-LinkShut-e1/52		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.20	DC36-3-LinkNoShut-e1/52		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.21	DC36-105-LinkShut-e1/33		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.22	DC36-105-LinkNoShut-e1/33		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.23	DC36-106-LinkShut-e1/33		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.24	DC36-106-LinkNoShut-e1/33		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.25	DC36-4-LinkShut-e1/50		3					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.26	DC36-4-LinkNoShut-e1/50		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.27	DC36-4-LinkShut-e1/52		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.28	DC36-4-LinkNoShut-e1/52		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.29	DC36-5-LinkShut-e1/1		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.30	DC36-5-LinkNoShut-e1/1		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.31	DC36-5-LinkShut-e1/2		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.32	DC36-5-LinkNoShut-e1/2		5					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.33	DC36-5-LinkShut-e1/3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.34	DC36-5-LinkNoShut-e1/3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.35	DC36-5-LinkShut-e1/4		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.36	DC36-5-LinkNoShut-e1/4		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.37	DC36-5-LinkShut-e1/5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
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		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.38	DC36-5-LinkNoShut-e1/5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.39	DC36-5-LinkShut-e1/6		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.40	DC36-5-LinkNoShut-e1/6		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.41	DC36-5-LinkShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.42	DC36-5-LinkNoShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.43	DC36-5-LinkShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.44	DC36-5-LinkNoShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.45	DC36-5-LinkShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.46	DC36-5-LinkNoShut-e1/9		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.47	DC36-5-LinkShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.48	DC36-5-LinkNoShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.49	DC36-5-LinkShut-e1/11		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.50	DC36-5-LinkNoShut-e1/11		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.51	DC36-5-LinkShut-e1/12		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.52	DC36-5-LinkNoShut-e1/12		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.53	DC36-5-LinkShut-e1/13		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.54	DC36-5-LinkNoShut-e1/13		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.55	DC36-5-LinkShut-e1/14		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.56	DC36-5-LinkNoShut-e1/14		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.57	DC36-5-LinkShut-e1/15		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.58	DC36-5-LinkNoShut-e1/15		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.59	DC36-5-LinkShut-e1/16		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.60	DC36-5-LinkNoShut-e1/16		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.61	DC36-5-LinkShut-e1/41		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.62	DC36-5-LinkNoShut-e1/41		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.63	DC36-5-LinkShut-e1/42		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.64	DC36-5-LinkNoShut-e1/42		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.65	DC36-5-LinkShut-e1/43		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.66	DC36-5-LinkNoShut-e1/43		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.67	DC36-5-LinkShut-e1/44		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.68	DC36-5-LinkNoShut-e1/44		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.69	DC36-105-LinkShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.70	DC36-105-LinkNoShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.71	DC36-105-LinkShut-e1/2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.72	DC36-105-LinkNoShut-e1/2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.73	DC36-105-LinkShut-e1/3		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.74	DC36-105-LinkNoShut-e1/3		1					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.75	DC36-105-LinkShut-e1/4		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.76	DC36-105-LinkNoShut-e1/4		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.77	DC36-105-LinkShut-e1/5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.78	DC36-105-LinkNoShut-e1/5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.79	DC36-105-LinkShut-e1/6		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.80	DC36-105-LinkNoShut-e1/6		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.81	DC36-105-LinkShut-e1/7		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.82	DC36-105-LinkNoShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.83	DC36-105-LinkShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.84	DC36-105-LinkNoShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.85	DC36-106-LinkShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.86	DC36-106-LinkNoShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.87	DC36-106-LinkShut-e1/2		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.88	DC36-106-LinkNoShut-e1/2		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.89	DC36-106-LinkShut-e1/3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.90	DC36-106-LinkNoShut-e1/3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.91	DC36-106-LinkShut-e1/4		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.92	DC36-106-LinkNoShut-e1/4		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.93	DC36-106-LinkShut-e1/5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.94	DC36-106-LinkNoShut-e1/5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.95	DC36-106-LinkShut-e1/6		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.96	DC36-106-LinkNoShut-e1/6		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.97	DC36-106-LinkShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.98	DC36-106-LinkNoShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.99	DC36-106-LinkShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.100	DC36-106-LinkNoShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.101	DC36-1-LinkShut-e1/1		11					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.102	DC36-1-LinkNoShut-e1/1		11					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.103	DC36-1-LinkShut-e1/2		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.104	DC36-1-LinkNoShut-e1/2		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.105	DC36-1-LinkShut-e1/9		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.106	DC36-1-LinkNoShut-e1/9		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.107	DC36-1-LinkShut-e1/10		23					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.108	DC36-1-LinkNoShut-e1/10		23					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.109	DC36-101-LinkShut-e1/1		10					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.110	DC36-101-LinkNoShut-e1/1		10					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.111	DC36-101-LinkShut-e1/2		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.112	DC36-101-LinkNoShut-e1/2		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.113	DC36-102-LinkShut-e1/1		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.114	DC36-102-LinkNoShut-e1/1		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.115	DC36-102-LinkShut-e1/2		14					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.2.116	DC36-102-LinkNoShut-e1/2		14					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.3	L3 Port-channel Failure/Recovery between Spine and Leaf		70	8	8	0	0	
1.3.3.3.1	DC36-1-LinkShut-Po1031		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						

		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify error vlans						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.3.3.2	DC36-1-LinkNoShut-Po1031		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						

		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify error vlans						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.3.3.3	DC36-1-LinkShut-Po1032		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						

		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify error vlans						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.3.3.4	DC36-1-LinkNoShut-Po1032		12					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify error vlans						

		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.3.3.5	DC36-103-LinkShut-Po11		8					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						

		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify error vlans						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.3.3.6	DC36-103-LinkNoShut-Po11		8					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						

		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify error vlans						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.3.3.7	DC36-103-LinkShut-Po12		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within						

		expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.3.8	DC36-103-LinkNoShut-Po12		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4	L3 port-channel member Failure/Recovery between Spine and Leaf		64	20	20	0	0	
1.3.3.4.1	DC36-6-LinkShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.2	DC36-6-LinkNoShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						

		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.3	DC36-6-LinkShut-e1/2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						

		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.4	DC36-6-LinkNoShut-e1/2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						

		Verify frames delta does not increase after link no shut						
1.3.3.4.5	DC36-6-LinkShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.6	DC36-6-LinkNoShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						

		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.7	DC36-6-LinkShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						

		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.8	DC36-6-LinkNoShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.9	DC36-105-LinkShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						

		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.10	DC36-105-LinkNoShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						

		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.11	DC36-105-LinkShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						

		Verify frames delta does not increase after link no shut						
1.3.3.4.12	DC36-105-LinkNoShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.13	DC36-106-LinkShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						

		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.14	DC36-106-LinkNoShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						

		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.15	DC36-106-LinkShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.16	DC36-106-LinkNoShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						

		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.17	DC36-1-LinkShut-e1/17		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						

		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.18	DC36-1-LinkNoShut-e1/17		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						

		Verify frames delta does not increase after link no shut						
1.3.3.4.19	DC36-103-LinkShut-e1/1		8					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.4.20	DC36-103-LinkNoShut-e1/1		8					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						

		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.5	Clear Ipv4/IPv6 Unicast Routes		22	11	6	5	0	
1.3.3.5.1	DC36-5-ClearIpRoute-DC36-5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and						

		synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.2	DC36-6-ClearIpRoute-DC36-6		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.3	DC36-105-ClearIpRoute-DC36-105		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.4	DC36-106-ClearIpRoute-DC36-106		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.5	DC36-1-ClearIpRoute-DC36-1		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.6	DC36-2-ClearIpRoute-DC36-2		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.7	DC36-3-ClearIpRoute-DC36-3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.8	DC36-4-ClearIpRoute-DC36-4		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.9	DC36-101-ClearIpRoute-DC36-101		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.10	DC36-102-ClearIpRoute-DC36-102		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.5.11	DC36-103-ClearIpRoute-DC36-103		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All unicast and multicast traffic should re-converge.						
		Verify OSPF IPv4/IPv6 neighbors will restart and come back correctly.						
		Verify that the hardware entries are properly removed and re-installed during the neighbor/process flapping.						
		Verify that no flooding happens after traffic convergence.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency.						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.3.6	L3 Port-channel Failure/Recovery between Spines		76	28	28	0	0	
1.3.3.6.1	DC36-1-LinkShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and						

		synchronized.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.2	DC36-1-LinkNoShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.3	DC36-1-LinkShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.4	DC36-1-LinkNoShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.5	DC36-2-LinkShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.6	DC36-2-LinkNoShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.7	DC36-2-LinkShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.8	DC36-2-LinkNoShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.9	DC36-3-LinkShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.10	DC36-3-LinkNoShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.11	DC36-3-LinkShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.12	DC36-3-LinkNoShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.13	DC36-3-LinkShut-Po6		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.14	DC36-3-LinkNoShut-Po6		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.15	DC36-4-LinkShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.16	DC36-4-LinkNoShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.17	DC36-4-LinkShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.18	DC36-4-LinkNoShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.19	DC36-4-LinkShut-Po5		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.20	DC36-4-LinkNoShut-Po5		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.21	DC36-5-LinkShut-Po1		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.22	DC36-5-LinkNoShut-Po1		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.23	DC36-5-LinkShut-Po2		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.24	DC36-5-LinkNoShut-Po2		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.25	DC36-6-LinkShut-Po1		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.26	DC36-6-LinkNoShut-Po1		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.27	DC36-6-LinkShut-Po2		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.3.6.28	DC36-6-LinkNoShut-Po2		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify BFD peer detection and client notifications.						
		Verify OSPF multi-path load-balancing.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4	Multicast with Multipath		849	198	187	7	4	
1.3.4.1	L3 Port-channel Failure/Recovery between Core and Distribution Layers		36	8	8	0	0	
1.3.4.1.1	DC36-1-LinkShut-Po3		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						

		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.1.2	DC36-1-LinkNoShut-Po3		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						

		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						

1.3.4.1.3	DC36-1-LinkShut-Po4		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						

		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.1.4	DC36-1-LinkNoShut-Po4		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						

		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.1.5	DC3-3-LinkShut-Po61		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						

		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.1.6	DC3-3-LinkNoShut-Po61		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						

		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.1.7	DC3-4-LinkShut-Po61		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						

		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.1.8	DC3-4-LinkNoShut-Po61		3					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as						

		expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2	L3 Routed Port Failure/Recovery		547	114	114	0	0	
1.3.4.2.1	DC36-1-LinkShut-e1/50		21					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.2	DC36-1-LinkNoShut-e1/50		20					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						

		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.3	DC36-1-LinkShut-e1/52		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast						

		are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.4	DC36-1-LinkNoShut-e1/52		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.5	DC36-105-LinkShut-e1/31		17					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.6	DC36-105-LinkNoShut-e1/31		17					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.7	DC36-106-LinkShut-e1/31		14					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.8	DC36-106-LinkNoShut-e1/31		14					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.9	DC36-2-LinkShut-e1/50		3					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.10	DC36-2-LinkNoShut-e1/50		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.11	DC36-2-LinkShut-e1/52		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.12	DC36-2-LinkNoShut-e1/52		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.13	DC36-105-LinkShut-e1/32		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.14	DC36-105-LinkNoShut-e1/32		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.15	DC36-106-LinkShut-e1/32		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.16	DC36-106-LinkNoShut-e1/32		3					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.17	DC36-3-LinkShut-e1/50		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.18	DC36-3-LinkNoShut-e1/50		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.19	DC36-3-LinkShut-e1/52		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.20	DC36-3-LinkNoShut-e1/52		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.21	DC36-105-LinkShut-e1/33		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.22	DC36-105-LinkNoShut-e1/33		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.23	DC36-106-LinkShut-e1/33		3					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.24	DC36-106-LinkNoShut-e1/33		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.25	DC36-4-LinkShut-e1/50		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.26	DC36-4-LinkNoShut-e1/50		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.27	DC36-4-LinkShut-e1/52		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.28	DC36-4-LinkNoShut-e1/52		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.29	DC36-5-LinkShut-e1/1		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.30	DC36-5-LinkNoShut-e1/1		6					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.31	DC36-5-LinkShut-e1/2		5					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.32	DC36-5-LinkNoShut-e1/2		5					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.33	DC36-5-LinkShut-e1/3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.34	DC36-5-LinkNoShut-e1/3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.35	DC36-5-LinkShut-e1/4		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.36	DC36-5-LinkNoShut-e1/4		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.37	DC36-5-LinkShut-e1/5		1					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.38	DC36-5-LinkNoShut-e1/5		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.39	DC36-5-LinkShut-e1/6		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.40	DC36-5-LinkNoShut-e1/6		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.41	DC36-5-LinkShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.42	DC36-5-LinkNoShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.43	DC36-5-LinkShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.44	DC36-5-LinkNoShut-e1/8		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.45	DC36-5-LinkShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.46	DC36-5-LinkNoShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.47	DC36-5-LinkShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.48	DC36-5-LinkNoShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.49	DC36-5-LinkShut-e1/11		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.50	DC36-5-LinkNoShut-e1/11		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.51	DC36-5-LinkShut-e1/12		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.52	DC36-5-LinkNoShut-e1/12		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.53	DC36-5-LinkShut-e1/13		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.54	DC36-5-LinkNoShut-e1/13		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.55	DC36-5-LinkShut-e1/14		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.56	DC36-5-LinkNoShut-e1/14		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.57	DC36-5-LinkShut-e1/15		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.58	DC36-5-LinkNoShut-e1/15		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.59	DC36-5-LinkShut-e1/16		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.60	DC36-5-LinkNoShut-e1/16		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.61	DC36-5-LinkShut-e1/41		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.62	DC36-5-LinkNoShut-e1/41		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.63	DC36-5-LinkShut-e1/42		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.64	DC36-5-LinkNoShut-e1/42		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.65	DC36-5-LinkShut-e1/43		1					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.66	DC36-5-LinkNoShut-e1/43		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.67	DC36-5-LinkShut-e1/44		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.68	DC36-5-LinkNoShut-e1/44		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.69	DC36-105-LinkShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.70	DC36-105-LinkNoShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.71	DC36-105-LinkShut-e1/2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.72	DC36-105-LinkNoShut-e1/2		3					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.73	DC36-105-LinkShut-e1/3		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.74	DC36-105-LinkNoShut-e1/3		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.75	DC36-105-LinkShut-e1/4		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.76	DC36-105-LinkNoShut-e1/4		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.77	DC36-105-LinkShut-e1/5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.78	DC36-105-LinkNoShut-e1/5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.79	DC36-105-LinkShut-e1/6		1					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.80	DC36-105-LinkNoShut-e1/6		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.81	DC36-105-LinkShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.82	DC36-105-LinkNoShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.83	DC36-105-LinkShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.84	DC36-105-LinkNoShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.85	DC36-106-LinkShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.86	DC36-106-LinkNoShut-e1/1		3					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.87	DC36-106-LinkShut-e1/2		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.88	DC36-106-LinkNoShut-e1/2		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.89	DC36-106-LinkShut-e1/3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.90	DC36-106-LinkNoShut-e1/3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.91	DC36-106-LinkShut-e1/4		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.92	DC36-106-LinkNoShut-e1/4		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.93	DC36-106-LinkShut-e1/5		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.94	DC36-106-LinkNoShut-e1/5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.95	DC36-106-LinkShut-e1/6		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.96	DC36-106-LinkNoShut-e1/6		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.97	DC36-106-LinkShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.98	DC36-106-LinkNoShut-e1/7		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.99	DC36-106-LinkShut-e1/8		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.100	DC36-106-LinkNoShut-e1/8		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.101	DC36-101-LinkShut-e1/1		10					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.102	DC36-101-LinkNoShut-e1/1		10					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.103	DC36-1-LinkShut-e1/1		11					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.104	DC36-1-LinkNoShut-e1/1		11					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
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		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.105	DC36-1-LinkShut-e1/2		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.106	DC36-1-LinkNoShut-e1/2		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
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		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.107	DC36-1-LinkShut-e1/9		12					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.108	DC36-1-LinkNoShut-e1/9		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
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		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.109	DC36-1-LinkShut-e1/10		23					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.110	DC36-1-LinkNoShut-e1/10		23					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.111	DC36-102-LinkShut-e1/1		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.112	DC36-102-LinkNoShut-e1/1		15					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.113	DC36-102-LinkShut-e1/2		14					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.2.114	DC36-102-LinkNoShut-e1/2		14					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify traffic is load balance to other ECMP paths						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.3	L3 Port-channel Failure/Recovery between Spine and Leaf		72	8	8	0	0	
1.3.4.3.1	DC36-1-LinkShut-Po1031		12					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						

		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.3.2	DC36-1-LinkNoShut-Po1031		12					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as						

		expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.3.3	DC36-1-LinkShut-Po1032		13					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						

		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.3.4	DC36-1-LinkNoShut-Po1032		13					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.3.5	DC36-103-LinkShut-Po11		8					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						

		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.3.6	DC36-103-LinkNoShut-Po11		8					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						

		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.3.7	DC36-103-LinkShut-Po12		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						

		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut						

		respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.3.8	DC36-103-LinkNoShut-Po12		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4	L3 port-channel member Failure/Recovery between Spine and Leaf		66	20	20	0	0	
1.3.4.4.1	DC36-6-LinkShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						

		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.2	DC36-6-LinkNoShut-e1/1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.3	DC36-6-LinkShut-e1/2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						

		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.4	DC36-6-LinkNoShut-e1/2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						

		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.5	DC36-6-LinkShut-e1/9		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.6	DC36-6-LinkNoShut-e1/9		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						

		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.7	DC36-6-LinkShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast						

		are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.8	DC36-6-LinkNoShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.9	DC36-105-LinkShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.10	DC36-105-LinkNoShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.11	DC36-105-LinkShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.12	DC36-105-LinkNoShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.13	DC36-106-LinkShut-e1/9		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.14	DC36-106-LinkNoShut-e1/9		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.15	DC36-106-LinkShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.16	DC36-106-LinkNoShut-e1/10		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.17	DC36-1-LinkShut-e1/17		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						

		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.18	DC36-1-LinkNoShut-e1/17		6					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.19	DC36-103-LinkShut-e1/1		8					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.4.20	DC36-103-LinkNoShut-e1/1		8					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify port-channel load balancing and rbh assignment						
		Verify traffic switches to high Bandwidth port-channels for both unicast and multicast when member failure and traffic will switch back when member recovers.						
		Verify LACP rebundle for port-channel after member recover.						
		The traffic should be able to re-converge within acceptable time.						
		Verify the convergence pattern is as expected.						
		Verify the route tables for both unicast and multicast are updated correctly.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.5	RP,DR Failure		44	11	7	0	4	CSCur14762
1.3.4.5.1	DC36-5-Reload-DC36-5		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup						

		scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.2	DC36-6-Reload-DC36-6		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-						

		plane & data-plane).						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.3	DC36-105-Reload-DC36-105		4					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						

		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.4	DC36-1-Reload-DC36-1		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						
		Verify OSPF interface status for the affected links.						

		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.5	DC36-2-Reload-DC36-2		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						

		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.6	DC36-3-Reload-DC36-3		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						

		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.7	DC36-4-Reload-DC36-4		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						

		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.8	DC36-101-Reload-DC36-101		4					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						

		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.9	DC36-102-Reload-DC36-102		4					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.10	DC36-103-Reload-DC36-103		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-						

		multipath functionalities.						
		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.5.11	DC36-106-Reload-DC36-106		4					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify BGP neighbors status and authentication.						
		Verify BGP table and routing table consistency in accordance to the NEXT-HOP attribute settings.						
		Verify BGP multi-path load-balancing.						
		Verify proper BGP policy routing and filtering based on prefix, AS-PATH, LOCAL_PREFERENCE attributes.						
		Verify the conditional injection of the default route from BGP into the IGP.						
		Verify BGP recursive lookup scenario.						
		Verify BGP reconvergence (control-plane & data-plane).						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						

		Verify AutoRP mapping and boundaries.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6	Clear Ipv4 Multicast Routes		22	11	11	0	0	
1.3.4.6.1	DC36-5-ClearIpMroutes-DC36-5		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast						

		are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6.2	DC36-6-ClearIpMroutes-DC36-6		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						

		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6.3	DC36-105-ClearIpMroutes-DC36-105		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						

		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6.4	DC36-1-ClearIpMroutes-DC36-1		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						

1.3.4.6.5	DC36-2-ClearIpMroutes-DC36-2		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6.6	DC36-3-ClearIpMroutes-DC36-3		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						

		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6.7	DC36-4-ClearIpMroutes-DC36-4		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						

		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6.8	DC36-101-ClearIpMroutes-DC36-101		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						

		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6.9	DC36-102-ClearIpMroutes-DC36-102		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets						

		correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6.10	DC36-103-ClearIpMroutes-DC36-103		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						

		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.6.11	DC36-106-ClearIpMroutes-DC36-106		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are						

		comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.7	L3 Port-channel Failure/Recovery between Spines		48	16	16	0	0	
1.3.4.7.1	DC36-1-LinkShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						

		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.2	DC36-1-LinkNoShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						

		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.3	DC36-1-LinkShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						

		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.4	DC36-1-LinkNoShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						

		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut						

		respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.5	DC36-2-LinkShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.6	DC36-2-LinkNoShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						

		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.7	DC36-2-LinkShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.8	DC36-2-LinkNoShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						

		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.9	DC36-3-LinkShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						

		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut						

		respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.10	DC36-3-LinkNoShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.11	DC36-3-LinkShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						

		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.12	DC36-3-LinkNoShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						

		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.13	DC36-4-LinkShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						

		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.14	DC36-4-LinkNoShut-Po1		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						

		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut						

		respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.15	DC36-4-LinkShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.7.16	DC36-4-LinkNoShut-Po2		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		Verify the L2 forwarding table should remove entries of the affected link.						
		Verify the L2/L3 forwarding entries are synchronized among the hardware forwarding engines.						
		Verify SPAN is mirroring packets correctly.						
		Verify OTV traffic reconverges and optimize OSPF as needed.						
		Verify SNMP traps are sent to SNMP collector.						
		All unicast and multicast traffic should re-converge with proportionate packet loss.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify OSPF interface status for the affected links.						
		Verify OSPF neighbor changes and authentication.						
		Verify OSPF DB/Topology consistency.						
		Verify OSPF routes and forwarding table consistency..						
		Verify OSPF multi-path load-balancing.						
		Verify HW and SW entries are properly programmed and synchronized.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		Verify static RP mapping as the backup of auto RP.						
		Verify MSDP neighbors and SA cache consistency.						
		Verify multicast HW and SW entries are properly programmed and synchronized.						

		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify BFD peer detection and client notifications.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information for non-affected links. Verify that CDP/LLDP peer is removed for disrupted link.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.4.8	Clear IGMP Routes/Groups		14	10	3	7	0	
1.3.4.8.1	DC36-101-ClearIpIGMPGroups-DC36-101		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						

		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.8.2	DC36-101-ClearIpIGMPRoutes-DC36-101		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine						

		entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.8.3	DC36-102-ClearIpIGMPGroups-DC36-102		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						

		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.8.4	DC36-102-ClearIpIGMPRoutes-DC36-102		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						

		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.8.5	DC36-105-ClearIpIGMPGroups-DC36-105		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						

		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.8.6	DC36-105-ClearIpIGMPRoutes-DC36-105		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.8.7	DC36-106-ClearIpIGMPGroups-DC36-106		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.8.8	DC36-106-ClearIpIGMPRoutes-DC36-106		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						

		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.8.9	DC36-103-ClearIpIGMPGroups-DC36-103		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						

		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						
		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.4.8.10	DC36-103-ClearIpIGMPRoutes-DC36-103		1					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		All multicast traffic should re-converge.						
		Verify periodic PIM joins are received and sent upstream after clearing.						
		Verify that the multicast hardware entries are properly removed and re-installed during the mroute flaps						
		Verify that no flooding happens after traffic convergence.						
		Verify PIM neighbor status.						
		Verify PIM both multipath and non-multipath functionalities.						
		Verify AutoRP mapping.						
		On the multicast LHR, verify (*,G) and (S,G) creation based on SPT-threshold settings.						

		Verify PIM source register and register stop.						
		Verify IGMP/MLD snooping entries are deleted and re-learnt correctly after query from the IGMP snooping router.						
		Verify SPAN is mirroring packets correctly.						
		Verify SNMP traps are sent to SNMP collector.						
		Verify traffic destined for CoPP classes is policed as expected.						
		Verify the hardware entries, LC programming, fabric programming, outgoing interface, forwarding engine entries, for both unicast and multicast are updated correctly.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify that CDP/LLDP does not lose peer information.						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
1.3.5	L2 Link Failure/Recovery		46	18	14	0	4	
1.3.5.1	vPC leg failure/recovery between Leaf and ToR		16	8	8	0	0	
1.3.5.1.1	DC36-101-failureL2Shut-Po11		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC leg is shut.						
		Multicast forwarder should not change.						
		Verify that there is no protocol flapping.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify mac move and any missing mac address.						
		Verify mac table is empty after link shut.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify traffic drop based on interface counters.						
		Verify that no flooding happens after traffic convergence.						
		Verify STP port states after link disruption are in the expected forwarding mode. Verify that the STP root does not change.						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify mac sync for VPC setup (Compare mac entries are same in both VPC peers before shut)						
		Verify mac addresses are not learned via vPC Peer-Link before primary link shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,Before Shut.						
		Verify CDP is enabled globally						
		Verify LLDP is enabled globally.						
		Verify cdp status are appropriate before failure						
		verify lldp status are appropriate before Failure						
		Verify IGMP is enabled globally						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) before shut						
		Verify if the STP interfaces are in FWD state (MST) before shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify flooding by checking Rx rate in all ixia ports after Shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After Shut.						
		Verify mac addresses are removed from the link after link shut						
		Verify mac addresses are moved from primary link to vPc peer-link after primary link is shut						
		Verify cdp peer entries are lost for affected links						
		Verify cdp entries does not lose peer						

		information for unaffected links						
		Verify lldp peer entries are lost for affected links						
		Verify lldp entries does not lose peer information for unaffected links						
		Verify all IGMP snooping entries are same after link shut (vpc link)						
		verify ARP entries after link shut are same as before link shut						
		verify IGMP group membership after link shut is same as before link shut						
		Verify all DHCP Relay entries are same after link shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
		Verify flooding by checking Rx rate in all ixia ports after No Shut						
		Verify frames delta does not increase after link no shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After No Shut.						
		Verify there are no missing MAC addresses after no shut						
		Verify vPc Peer-Link no longer has MAC addresses from initial capture of the primary link						
		Verify that cdp entries after No Shut are same as entries taken before						
		Verify that lldp entries after No Shut are same as entries taken before						
		Verify all IGMP snooping entries after link no shut are same as before the link shut						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) after no shut						
		Verify if the STP interfaces are in FWD state (MST) after no shut						
		verify ARP entries after link no shut are same as before link shut						
		verify IGMP group membership after link no shut is same as before link shut						
		Verify all DHCP Relay entries are same after link no shut						
		Verify VPC information after link no shut is same as before link shut						
1.3.5.1.2	DC36-101-failureL2NoShut-Po11		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC leg is shut.						
		Multicast forwarder should not change.						
		Verify that there is no protocol flapping.						

		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify mac move and any missing mac address.						
		Verify mac table is empty after link shut.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify traffic drop based on interface counters.						
		Verify that no flooding happens after traffic convergence.						
		Verify STP port states after link disruption are in the expected forwarding mode. Verify that the STP root does not change.						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify mac sync for VPC setup (Compare mac entries are same in both VPC peers before shut)						
		Verify mac addresses are not learned via vPC Peer-Link before primary link shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,Before Shut.						
		Verify CDP is enabled globally						
		Verify LLDP is enabled globally.						
		Verify cdp status are appropriate before failure						
		verify lldp status are appropriate before Failure						
		Verify IGMP is enabled globally						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) before shut						
		Verify if the STP interfaces are in FWD state (MST) before shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify flooding by checking Rx rate in all ixia ports after Shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After Shut.						
		Verify mac addresses are removed from the link after link shut						

		Verify mac addresses are moved from primary link to vPc peer-link after primary link is shut						
		Verify cdp peer entries are lost for affected links						
		Verify cdp entries does not lose peer information for unaffected links						
		Verify lldp peer entries are lost for affected links						
		Verify lldp entries does not lose peer information for unaffected links						
		Verify all IGMP snooping entries are same after link shut (vpc link)						
		verify ARP entries after link shut are same as before link shut						
		verify IGMP group membership after link shut is same as before link shut						
		Verify all DHCP Relay entries are same after link shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
		Verify flooding by checking Rx rate in all ixia ports after No Shut						
		Verify frames delta does not increase after link no shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After No Shut.						
		Verify there are no missing MAC addresses after no shut						
		Verify vPc Peer-Link no longer has MAC addresses from initial capture of the primary link						
		Verify that cdp entries after No Shut are same as entries taken before						
		Verify that lldp entries after No Shut are same as entries taken before						
		Verify all IGMP snooping entries after link no shut are same as before the link shut						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) after no shut						
		Verify if the STP interfaces are in FWD state (MST) after no shut						
		verify ARP entries after link no shut are same as before link shut						
		verify IGMP group membership after link no shut is same as before link shut						
		Verify all DHCP Relay entries are same after link no shut						
		Verify VPC information after link no shut is same as before link shut						
1.3.5.1.3	DC36-102-failureL2Shut-Po11		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100%						

		disrupted or no loss depending on which vPC leg is shut.						
		Multicast forwarder should not change.						
		Verify that there is no protocol flapping.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify mac move and any missing mac address.						
		Verify mac table is empty after link shut.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify traffic drop based on interface counters.						
		Verify that no flooding happens after traffic convergence.						
		Verify STP port states after link disruption are in the expected forwarding mode. Verify that the STP root does not change.						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify mac sync for VPC setup (Compare mac entries are same in both VPC peers before shut)						
		Verify mac addresses are not learned via vPC Peer-Link before primary link shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,Before Shut.						
		Verify CDP is enabled globally						
		Verify LLDP is enabled globally.						
		Verify cdp status are appropriate before failure						
		verify lldp status are appropriate before Failure						
		Verify IGMP is enabled globally						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) before shut						
		Verify if the STP interfaces are in FWD state (MST) before shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						

		Verify flooding by checking Rx rate in all ixia ports after Shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After Shut.						
		Verify mac addresses are removed from the link after link shut						
		Verify mac addresses are moved from primary link to vPc peer-link after primary link is shut						
		Verify cdp peer entries are lost for affected links						
		Verify cdp entries does not lose peer information for unaffected links						
		Verify lldp peer entries are lost for affected links						
		Verify lldp entries does not lose peer information for unaffected links						
		Verify all IGMP snooping entries are same after link shut (vpc link)						
		verify ARP entries after link shut are same as before link shut						
		verify IGMP group membership after link shut is same as before link shut						
		Verify all DHCP Relay entries are same after link shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
		Verify flooding by checking Rx rate in all ixia ports after No Shut						
		Verify frames delta does not increase after link no shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After No Shut.						
		Verify there are no missing MAC addresses after no shut						
		Verify vPc Peer-Link no longer has MAC addresses from initial capture of the primary link						
		Verify that cdp entries after No Shut are same as entries taken before						
		Verify that lldp entries after No Shut are same as entries taken before						
		Verify all IGMP snooping entries after link no shut are same as before the link shut						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) after no shut						
		Verify if the STP interfaces are in FWD state (MST) after no shut						
		verify ARP entries after link no shut are same as before link shut						
		verify IGMP group membership after link no shut is same as before link shut						
		Verify all DHCP Relay entries are same after link no shut						
		Verify VPC information after link no shut is same as before link shut						
1.3.5.1.4	DC36-102-failureL2NoShut-Po11		2					

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC leg is shut.						
		Multicast forwarder should not change.						
		Verify that there is no protocol flapping.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify mac move and any missing mac address.						
		Verify mac table is empty after link shut.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify traffic drop based on interface counters.						
		Verify that no flooding happens after traffic convergence.						
		Verify STP port states after link disruption are in the expected forwarding mode. Verify that the STP root does not change.						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify mac sync for VPC setup (Compare mac entries are same in both VPC peers before shut)						
		Verify mac addresses are not learned via vPC Peer-Link before primary link shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,Before Shut.						
		Verify CDP is enabled globally						
		Verify LLDP is enabled globally.						
		Verify cdp status are appropriate before failure						
		verify lldp status are appropriate before Failure						
		Verify IGMP is enabled globally						

		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) before shut						
		Verify if the STP interfaces are in FWD state (MST) before shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify flooding by checking Rx rate in all ixia ports after Shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After Shut.						
		Verify mac addresses are removed from the link after link shut						
		Verify mac addresses are moved from primary link to vPc peer-link after primary link is shut						
		Verify cdp peer entries are lost for affected links						
		Verify cdp entries does not lose peer information for unaffected links						
		Verify lldp peer entries are lost for affected links						
		Verify lldp entries does not lose peer information for unaffected links						
		Verify all IGMP snooping entries are same after link shut (vpc link)						
		verify ARP entries after link shut are same as before link shut						
		verify IGMP group membership after link shut is same as before link shut						
		Verify all DHCP Relay entries are same after link shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
		Verify flooding by checking Rx rate in all ixia ports after No Shut						
		Verify frames delta does not increase after link no shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After No Shut.						
		Verify there are no missing MAC addresses after no shut						
		Verify vPc Peer-Link no longer has MAC addresses from initial capture of the primary link						
		Verify that cdp entries after No Shut are same as entries taken before						
		Verify that lldp entries after No Shut are same as entries taken before						
		Verify all IGMP snooping entries after link no shut are same as before the link shut						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) after no shut						
		Verify if the STP interfaces are in FWD state (MST) after no shut						
		verify ARP entries after link no shut are same as before link shut						
		verify IGMP group membership after link no shut is same as before link shut						
		Verify all DHCP Relay entries are						

		same after link no shut						
		Verify VPC information after link no shut is same as before link shut						
1.3.5.1.5	DC36-105-failureL2Shut-Po3511		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC leg is shut.						
		Multicast forwarder should not change.						
		Verify that there is no protocol flapping.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify mac move and any missing mac address.						
		Verify mac table is empty after link shut.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify traffic drop based on interface counters.						
		Verify that no flooding happens after traffic convergence.						
		Verify STP port states after link disruption are in the expected forwarding mode. Verify that the STP root does not change.						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify mac sync for VPC setup (Compare mac entries are same in both VPC peers before shut)						
		Verify mac addresses are not learned via vPC Peer-Link before primary link shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,Before Shut.						
		Verify CDP is enabled globally						
		Verify LLDP is enabled globally.						

		Verify cdp status are appropriate before failure						
		verify lldp status are appropriate before Failure						
		Verify IGMP is enabled globally						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) before shut						
		Verify if the STP interfaces are in FWD state (MST) before shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify flooding by checking Rx rate in all ixia ports after Shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After Shut.						
		Verify mac addresses are removed from the link after link shut						
		Verify mac addresses are moved from primary link to vPc peer-link after primary link is shut						
		Verify cdp peer entries are lost for affected links						
		Verify cdp entries does not lose peer information for unaffected links						
		Verify lldp peer entries are lost for affected links						
		Verify lldp entries does not lose peer information for unaffected links						
		Verify all IGMP snooping entries are same after link shut (vpc link)						
		verify ARP entries after link shut are same as before link shut						
		verify IGMP group membership after link shut is same as before link shut						
		Verify all DHCP Relay entries are same after link shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
		Verify flooding by checking Rx rate in all ixia ports after No Shut						
		Verify frames delta does not increase after link no shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After No Shut.						
		Verify there are no missing MAC addresses after no shut						
		Verify vPc Peer-Link no longer has MAC addresses from initial capture of the primary link						
		Verify that cdp entries after No Shut are same as entries taken before						
		Verify that lldp entries after No Shut are same as entries taken before						
		Verify all IGMP snooping entries after link no shut are same as before the link shut						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) after no shut						
		Verify if the STP interfaces are in FWD state (MST) after no shut						

		verify ARP entries after link no shut are same as before link shut						
		verify IGMP group membership after link no shut is same as before link shut						
		Verify all DHCP Relay entries are same after link no shut						
		Verify VPC information after link no shut is same as before link shut						
1.3.5.1.6	DC36-105-failureL2NoShut-Po3511		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC leg is shut.						
		Multicast forwarder should not change.						
		Verify that there is no protocol flapping.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify mac move and any missing mac address.						
		Verify mac table is empty after link shut.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify traffic drop based on interface counters.						
		Verify that no flooding happens after traffic convergence.						
		Verify STP port states after link disruption are in the expected forwarding mode. Verify that the STP root does not change.						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify mac sync for VPC setup (Compare mac entries are same in both VPC peers before shut)						
		Verify mac addresses are not learned via vPC Peer-Link before primary link shut						

		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,Before Shut.						
		Verify CDP is enabled globally						
		Verify LLDP is enabled globally.						
		Verify cdp status are appropriate before failure						
		verify lldp status are appropriate before Failure						
		Verify IGMP is enabled globally						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) before shut						
		Verify if the STP interfaces are in FWD state (MST) before shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify flooding by checking Rx rate in all ixia ports after Shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After Shut.						
		Verify mac addresses are removed from the link after link shut						
		Verify mac addresses are moved from primary link to vPc peer-link after primary link is shut						
		Verify cdp peer entries are lost for affected links						
		Verify cdp entries does not lose peer information for unaffected links						
		Verify lldp peer entries are lost for affected links						
		Verify lldp entries does not lose peer information for unaffected links						
		Verify all IGMP snooping entries are same after link shut (vpc link)						
		verify ARP entries after link shut are same as before link shut						
		verify IGMP group membership after link shut is same as before link shut						
		Verify all DHCP Relay entries are same after link shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
		Verify flooding by checking Rx rate in all ixia ports after No Shut						
		Verify frames delta does not increase after link no shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After No Shut.						
		Verify there are no missing MAC addresses after no shut						
		Verify vPc Peer-Link no longer has MAC addresses from initial capture of the primary link						
		Verify that cdp entries after No Shut are same as entries taken before						
		Verify that lldp entries after No Shut are same as entries taken before						

		Verify all IGMP snooping entries after link no shut are same as before the link shut						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) after no shut						
		Verify if the STP interfaces are in FWD state (MST) after no shut						
		verify ARP entries after link no shut are same as before link shut						
		verify IGMP group membership after link no shut is same as before link shut						
		Verify all DHCP Relay entries are same after link no shut						
		Verify VPC information after link no shut is same as before link shut						
1.3.5.1.7	DC36-106-failureL2Shut-Po3511		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC leg is shut.						
		Multicast forwarder should not change.						
		Verify that there is no protocol flapping.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify mac move and any missing mac address.						
		Verify mac table is empty after link shut.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify traffic drop based on interface counters.						
		Verify that no flooding happens after traffic convergence.						
		Verify STP port states after link disruption are in the expected forwarding mode. Verify that the STP root does not change.						
		Verify frames delta does not increase before link shut						

		Verify error vlans						
		Verify mac sync for VPC setup (Compare mac entries are same in both VPC peers before shut)						
		Verify mac addresses are not learned via vPC Peer-Link before primary link shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,Before Shut.						
		Verify CDP is enabled globally						
		Verify LLDP is enabled globally.						
		Verify cdp status are appropriate before failure						
		verify lldp status are appropriate before Failure						
		Verify IGMP is enabled globally						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) before shut						
		Verify if the STP interfaces are in FWD state (MST) before shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify flooding by checking Rx rate in all ixia ports after Shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After Shut.						
		Verify mac addresses are removed from the link after link shut						
		Verify mac addresses are moved from primary link to vPc peer-link after primary link is shut						
		Verify cdp peer entries are lost for affected links						
		Verify cdp entries does not lose peer information for unaffected links						
		Verify lldp peer entries are lost for affected links						
		Verify lldp entries does not lose peer information for unaffected links						
		Verify all IGMP snooping entries are same after link shut (vpc link)						
		verify ARP entries after link shut are same as before link shut						
		verify IGMP group membership after link shut is same as before link shut						
		Verify all DHCP Relay entries are same after link shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
		Verify flooding by checking Rx rate in all ixia ports after No Shut						
		Verify frames delta does not increase after link no shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After No Shut.						
		Verify there are no missing MAC addresses after no shut						

		Verify vPc Peer-Link no longer has MAC addresses from initial capture of the primary link						
		Verify that cdp entries after No Shut are same as entries taken before						
		Verify that lldp entries after No Shut are same as entries taken before						
		Verify all IGMP snooping entries after link no shut are same as before the link shut						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) after no shut						
		Verify if the STP interfaces are in FWD state (MST) after no shut						
		verify ARP entries after link no shut are same as before link shut						
		verify IGMP group membership after link no shut is same as before link shut						
		Verify all DHCP Relay entries are same after link no shut						
		Verify VPC information after link no shut is same as before link shut						
1.3.5.1.8	DC36-106-failureL2NoShut-Po3511		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		The maximum traffic disruption for unicast will be half for both upstream and downstream traffic.						
		The maximum traffic loss for multicast upstream will be half and for downstream will be either 100% disrupted or no loss depending on which vPC leg is shut.						
		Multicast forwarder should not change.						
		Verify that there is no protocol flapping.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase.						
		Verify rx rate for all ixia ports are as expected (compared to baseline).						
		Verify packet loss duration is within expected range.						
		Verify mac move and any missing mac address.						
		Verify mac table is empty after link shut.						
		Verify interface status is UP/DOWN state after linkNoShut/linkShut respectively.						
		Verify traffic drop based on interface counters.						
		Verify that no flooding happens after traffic convergence.						

		Verify STP port states after link disruption are in the expected forwarding mode. Verify that the STP root does not change.						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify mac sync for VPC setup (Compare mac entries are same in both VPC peers before shut)						
		Verify mac addresses are not learned via vPC Peer-Link before primary link shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,Before Shut.						
		Verify CDP is enabled globally						
		Verify LLDP is enabled globally.						
		Verify cdp status are appropriate before failure						
		verify lldp status are appropriate before Failure						
		Verify IGMP is enabled globally						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) before shut						
		Verify if the STP interfaces are in FWD state (MST) before shut						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify flooding by checking Rx rate in all ixia ports after Shut						
		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After Shut.						
		Verify mac addresses are removed from the link after link shut						
		Verify mac addresses are moved from primary link to vPc peer-link after primary link is shut						
		Verify cdp peer entries are lost for affected links						
		Verify cdp entries does not lose peer information for unaffected links						
		Verify lldp peer entries are lost for affected links						
		Verify lldp entries does not lose peer information for unaffected links						
		Verify all IGMP snooping entries are same after link shut (vpc link)						
		verify ARP entries after link shut are same as before link shut						
		verify IGMP group membership after link shut is same as before link shut						
		Verify all DHCP Relay entries are same after link shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
		Verify flooding by checking Rx rate in all ixia ports after No Shut						
		Verify frames delta does not increase after link no shut						

		Verify 30 sec Load Interval Input and output rate of the interfaces to be greater than user Specified rate,After No Shut.						
		Verify there are no missing MAC addresses after no shut						
		Verify vPc Peer-Link no longer has MAC addresses from initial capture of the primary link						
		Verify that cdp entries after No Shut are same as entries taken before						
		Verify that lldp entries after No Shut are same as entries taken before						
		Verify all IGMP snooping entries after link no shut are same as before the link shut						
		Verify that the STP state of all Vlans are in same state that of corresponding STP interface (RSTP) after no shut						
		Verify if the STP interfaces are in FWD state (MST) after no shut						
		verify ARP entries after link no shut are same as before link shut						
		verify IGMP group membership after link no shut is same as before link shut						
		Verify all DHCP Relay entries are same after link no shut						
		Verify VPC information after link no shut is same as before link shut						
1.3.5.2	vPC peer-link failure/recovery between Leaf vPC peer switches		26	8	4	0	4	CSCur14762
1.3.5.2.1	DC36-101-LinkShut-Po200		4					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.5.2.2	DC36-101-LinkNoShut-Po200		4					CSCur14762

		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.5.2.3	DC36-102-LinkShut-Po200		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.5.2.4	DC36-102-LinkNoShut-Po200		3					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no						

		traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.5.2.5	DC36-105-LinkShut-Po200		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.5.2.6	DC36-105-LinkNoShut-Po200		3					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						

		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.5.2.7	DC36-106-LinkShut-Po200		3					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.5.2.8	DC36-106-LinkNoShut-Po200		3					CSCur14762
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						

		Verify interfaces in error						
		Verify any core dumps						
		Verify traffic drop by checking Rx rate in all ixia ports after Shut						
		Verify frames delta does not increase before link shut						
		Verify error vlans						
		Verify frames delta does not increase after link no shut						
		Verify traffic drop by checking Rx rate in all ixia ports after No Shut						
1.3.5.3	vPC Peer-keepalive failure/recovery between Leaf vPC peer switches		4	2	2	0	0	
1.3.5.3.1	DC36-101-LinkShut-e1/35		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						
1.3.5.3.2	DC36-101-LinkNoShut-e1/35		2					
		Verify that all unicast/multicast traffic convergence is comparable to previous releases.						
		There is no expected effects, both vPC peers continue to synchronize MAC address tables, IGMP entries, no traffic disruptions.						
		Verify that on recovery, the original states will be re-established.						
		Verify that MEM and CPU Usage for Supervisors and line cards are comparable to previous releases.						
		Verify that there are no dead flows						
		Verify TB, error, crash						
		Verify interfaces in error						
		Verify any core dumps						
		Verify frames delta does not increase before link shut						
		Verify frames delta does not increase after link no shut						