Readme for Cisco Prime Network 3.8 Device Package 2.0

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1   Contents of Cisco Prime Network 3.8 Device Package 2.0

Cisco Prime Network 3.8 Device Package (DP) 2.0 provides new and enhanced device support and bug fixes for Cisco VNEs. The new support and bug fixes are described in this Readme.

Note:

- DPs are cumulative. This means that all of the content supported in a previous DP version will continue to be supported in subsequent DP versions. In other words, a DP will contain new support *plus* all of the support from earlier DPs.

- Cisco Prime Network 3.8 DP 2.0 contains all of the support provided by the Device packages released post Cisco Prime Network 3.8

- Install the latest Cisco Prime Network 3.8 point patches / service patches on the server since some of the bug fixes in the VNE Drivers are dependent on these patches. (refer to sec 4.1 of readme me for details)

  For channelization support on XR devices , installation of Prime Network 3.8.0.0.2 is mandatory on the Prime Network 3.8 server.

  Note: Channelization feature support would not work if the Prime Network 3.8.0.0.2 is not installed on the server.

- If a Customer is installing Thirdparty VNE Device package along with Cisco VNE Device package , it is advised to install Cisco Prime Network 3.8 Device package first followed by ThirdParty Device Package (Refer to CSCtx04976 in sec 5.2 for more details)

- At any point in time, to get the most up-to-date device support, install the most recent DP that is available from Cisco.com. To verify whether you have latest VNE driver files, refer to Section 3.

1.1   New Software/Feature for Cisco Network Elements

- This DP provides the following new NE support. Note that jar files are cumulative; a jar that is revised for a newer DP contains all of the support that was contained in the previous version of the jar. (For example, CiscoPrimeNetwork-3.8-DP5.tar contains all of the support that was delivered from CiscoPrimeNetwork-3.8-DP2.tar)

The following table describes the new NE support provided in Cisco Prime Network 3.8 DP 2.0 (CiscoPrimeNetwork-3.8-DP2.tar) .

Device Series	Software	New NE / Power supply/Modules supported	Feature/ Technologies	Name and Version of Jar File Containing the s/w Support
7600	15.0(1)S5		Inventory and script support for Wavelength maps , PM properties . Trail Trace Identifier Scripts for IPODWDM	Cisco-76xx_65xxIOS-v2.2.0.0.jar
ASR 1000	XE 3.4.2S			Cisco-ASR10xx-v2.2.0.0.jar
ASR 9000	XR 4.2.0	A9K-24X10GE-TR XFP-10GLR-OC192SR SPA-3XOC3-ATM-V2 SPA-1XOC12-ATM-V2 SPA-1CHOC3-CE-ATM SPA-1XOC3-ATM-V2 A9K-RSP440-TR A9K-24X10GE-SE A9K-RSP440-SE	**Events:** MPLS TP Tunnel up/down MPLS TP Tunnel switched working/protected MPLS TP lsp lockdown enter/exit **Scripts supported:** ELMI_configureMP2MOrP2PEVC ELMI_configurUNI ELMI_ConfigureOnInterface ELMI_configurServiceVlanID OAM scripts Lockout OAM scripts Ping OAM scripts Trace	Cisco-ASR90xx-v2.2.0.0.jar, Cisco-CRS-v2.2.0.0.jar, Cisco-Modules-v2.2.0.0.jar
CRS	XR 4.2.0			Cisco-CRS-v2.2.0.0.jar
CPT	9.3.0.2			Cisco-CPT-v2.1.0.0.jar
ASR 5000			CiscoEntityFRU mib support , IP Interface, Routing and ARP table, MPBGP VLAN	Cisco-ASR5000-v2.2.0.0.jar
ASR 903(Rudy)	XE 3.5.0aS	A903-FAN A900-PWR550-D A903-RSP1A-55 A903-RSP1B-55 A900-IMA8T A900-IMA8S A900-IMA1X A900-IMA16D GLC-FE-100FX-RGD GLC-FE-100LX-RGD GLC-LX-SM-RGD GLC-SX-MM-RGD GLC-ZX-SM-RGD GLC-BX-U GLC-BX-D GLC-EX-SMD SFP-GE-T XFP-10GLR192SR-RGD XFP-10GER192IR-RGD XFP-10GZR192LR-RGD XFP-10G-MM-SR DWDM-XFP-C	Refer to Table 1.below	Cisco-ASR903-v2.0.0.0.jar
Nexus 7000	NXOS 6.0(X) NXOS 5.2(x)			Cisco-Nexus70xx-v2.2.0.0.jar
Nexus 5000	5.0(2)N2(1) 5.0(2)N1(1)			Cisco-Nexus50xx-v2.2.0.0.jar

| XR 12000 | XR 4.2.0 | PRP3-SMDC
SFP-OC3-IR1 , SFP-OC3-LR2 , SFP-OC3-LR1 , SFP-OC3-SR , SFP-OC3-MM
SPA-1CHOC3-CE-ATM
SPA-24CHT1-CE-ATM
SPA-2CHT3-CE-ATM | IPSec | Cisco-12xxx-v2.2.0.0.jar |

Consolidated list of devices , software , modules supported post Prime Network 3.8 release can be found here - Cisco Prime Network Reference Guide - VNE Addendum, 3.8

Table 1

Technologies supported	Activation Scripts supported	Events supported
IP Routing protocol VPN and VRF BFD MPLS MPLS-TE MPLS-TP PW Clocking Ethernet Ethernet OAM PPP CDP LLDP IPoDWDM SONET/SDH TDM/DSx ACL	Tunnel Ping Lsp Ping Tunnel Trace Lsp Trace LSP Path Lockout (lsp level) LSP Path No Lockout (lsp level) LSP Path Lockout (tunnel level) LSP Path No Lockout (tunnel level) Add Global Configuration Remove Global Configuration Update Global Configuration Add Link Configuration Remove Link Configuration Add BFD Template Configuration Remove BFD Template Configuration Show BFD Template Show BFD Template At Tunnel Add Label Range Configuration Remove Label Range Configuration	MPLS TP Tunnel up/down MPLS TP Lsp Up/Down MPLS TP Tunnel switched to Protect/Working MPLS TP LSP enter/exits lockout state MPLS TP tunnel config changed MPLS TP LSP config changed MPLS TP Link config changed MPLS Label range changed

1.2 New Support for Device Package Mechanism

This DP provides support for the Device Package update mechanism for the following devices. (This means that these devices can support VNE updates from the Cisco PRIME NETWORK Software Download site on Cisco.com.)

| Device Series	DP Support Added in	Jar File Name and Version
None in the release		

1.3 New Reduced Polling (EVNE) Support

This DP provides reduced polling (event-based polling) support for the following devices. After installing the DP, when you create a VNE for these device families using the Cisco Prime Network GUI client, you will be able to choose reduced polling for these VNEs. (For information on reduced polling, see the Cisco Prime Network Administrator Guide, 3.8.

Device Series	EVNE Support Added in	Jar File Name and Version
Nexus 1000v	Prime Network 3.8 DP2	Cisco-Nexus10xx-v2.2.0.0.jar
ASR 901	Prime Network 3.8 DP1	Cisco-MWR29xx-v2.1.0.0.jar
Nexus 70xx	Prime Network 3.8 DP1	Cisco-Nexus70xx-v2.1.0.0.jar

1.3.1 Reduced VNE Polling support for Nexus 7000

Configuration Tasks for Nexus 7000 reduced polling VNE Creation

- Choose "Reduced Polling (event-based)* " in "Polling Method" pane under "Polling Tab" of the VNE Creation window
- All VDC should be configured with Cisco Prime Network Management server IP address.
- The Cisco Prime Network Management IP address of each VDC should be added in the Event- Generating IP addresses box which appears in the "Events" Tab of the VNE Creation window
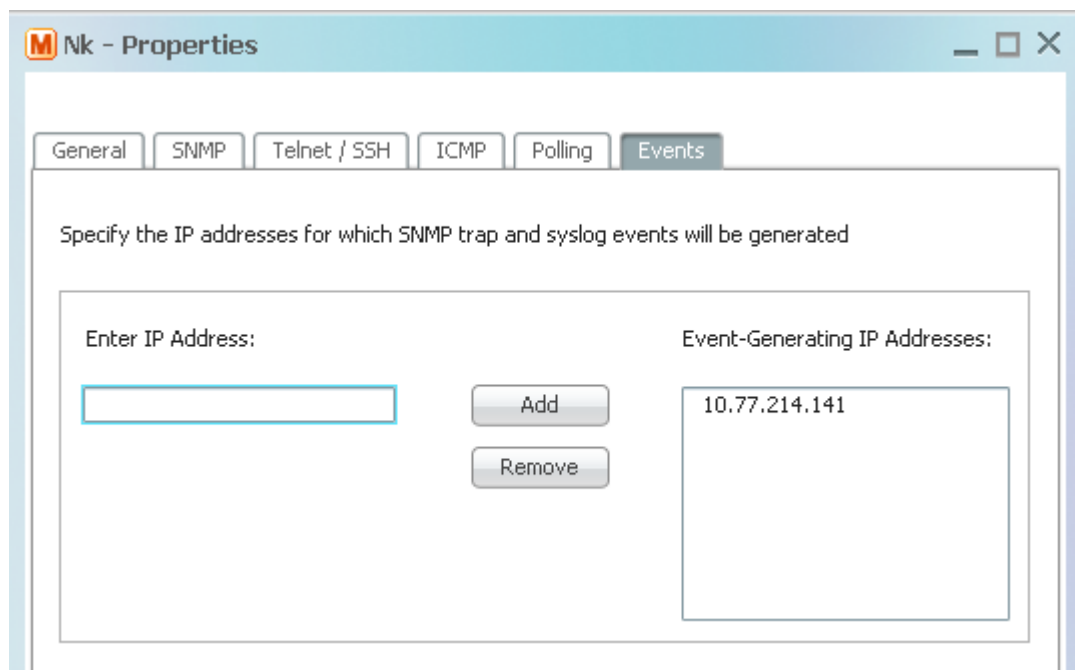
- Logging should be enabled on Nexus 7000 (default vdc as well as non default vdc's) and add the IP address of Cisco Prime Network Server as logging server host.

  Nexus7K(config)# logging server <Cisco Prime Network server IP address> 5 use-vrf <Cisco Prime Network Management VRF>

1.4 New Support for Cisco Prime Network Configuration and Image Management

This DP provides the following new support for Cisco PRIME NETWORK Configuration and Image M anagement.   For bug fixes, see Section 3.

Device Series	Software Release	Software Version	Functionality Supported	Device package jar file	Device Package release
Nexus 7000	NX OS	5.2(X)	All NCCM Feature	Cisco-Nexus70xx-v2.2.0.0.jar	Prime Network 3.8 DP2
Nexus 5000	NXOS	5.0(2)N2(1) 5.0(2)N1(1)	All NCCM Feature	Cisco-Nexus50xx-v2.2.0.0.jar	Prime Network 3.8 DP2

2   Installing Cisco Prime Network 3.8 Device Package 2.0

For instructions on how to install (or uninstall) the DP, see the appropriate DP installation guide for your Cisco PRIME NETWORK release. The guides are available from two places:

- Go to Cisco Prime Network 3.8 Software Download site on Cisco.com (click on hyperlink) and navigate to **Cisco Prime Network 3.8 > Cisco Prime Network VNE Drivers**. Choose the latest Device Package release available on Cisco.com

Note : If you are installing the Device package on a Gateway and Unit setup, execute the following steps on the Prime Network Unit

1. **Go the $ PRIME NETWORKHOME/Main/drivers directory in the Unit**
2. **Delete all the jars , by issuing the below command**

   *PrimeNetworkServer:/export/home/network38/Main/drivers >> rm *.jar*

   (Refer to CSCtu15254 for further details)

For a complete list of Cisco Prime Network 3.8 documentation, see:
- Cisco Prime Network 3.8 Documentation
  .

3 List of Latest Driver Files on Cisco Prime Network 3.8 server post installation of DP 2.0

The following list reflects the latest versions of VNE driver files for Cisco devices. This includes the drivers that were provided with the base release of Cisco Prime Network 3.8 (without any DPs installed). To check if the system has the latest driver files installed, log into the gateway server and compare the contents of your $ PRIME NETWORK HOME/Main/drivers directory with the list below.

Note: This table only lists the latest <u>Cisco</u> VNE driver files. Your directory may also contain third-party VNE drivers if you have installed any third-party VNE DPs.

Device Series	Jar File name	DP version in which the jar file was changed
Cisco-12xxx	Cisco-12xxx-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-76xx_65xxIOS	Cisco-76xx_65xxIOS-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-ASR5000	Cisco-ASR5000-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-ASR903	Cisco-ASR903-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-ASR903	Cisco-ASR903-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-ASR90xx	Cisco-ASR90xx-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-Commons	Cisco-Commons-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-CPT	Cisco-CPT-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-CRS	Cisco-CRS-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-IOX-Commons	Cisco-IOX-Commons-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-Modules	Cisco-Modules-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-NCCM_Core	Cisco-NCCM_Core-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-Nexus10xx	Cisco-Nexus10xx-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-Nexus50xx	Cisco-Nexus50xx-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-Nexus70xx	Cisco-Nexus70xx-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
Cisco-Others	Cisco-Others-v2.2.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP2
1000	Cisco-100xx-v2.0.1.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
45xx	Cisco-45xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
49xx	Cisco-49xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
6500/7600	Cisco-76xx_65xxIOS-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
70xx	cisco-70xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
All Cisco Devices	Cisco-Commons-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
All XR Devices	Cisco-IOX-Commons-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
ASR 10xx	Cisco-ASR10xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
ASR 50xx	Cisco-ASR5000-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
ASR 90xx	Cisco-ASR90xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
Cisco-Others	Cisco-Others-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1

CPT	Cisco-CPT-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
CRS	Cisco-CRS-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
ISR 19xx	Cisco-ISR19xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
ISR 29xx	Cisco-ISR29xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
ME 3400	Cisco-3400ME-v2.0.1.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
ME 3750	Cisco-3750ME-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
ME36XX-ME38XX	Cisco-ME36XX-ME38XX-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
Mib2	Mib2-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
MWR29xx , ASR 901	Cisco-MWR29xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
NCCM feature for all devices	Cisco-NCCM_Core-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
NCCM feature for XR devices	Cisco-NCCM_IOX-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
Nexus 10xx	Cisco-Nexus10xx-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
Nexus 50xx	Cisco-Nexus50xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
Nexus 70xx	Cisco-Nexus70xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
UBR 100xx	Cisco-UBR100xx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
XR 12000	Cisco-12xxx-v2.1.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP1
ACE4710	Cisco-ACE4710-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP0
ASA50xx	Cisco-asa55xx-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP0
ISR 39xx	Cisco-ISR39xx-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP0
Cisco-Modules	Cisco-Modules-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP0
UBR72xx	Cisco-UBR72xx-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP0
UCS	Cisco-ucs-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP0
Generic-ICMP	Generic-ICMP-v2.0.0.0.jar	Cisco- PRIME NETWORK3.8.x-DP0

*See Appendix A.

4   Resolved Defects

This section lists all bugs that are resolved in this DP. Because bug fixes are cumulative and may be inherited from previous DPs, this section also lists which DP provided the resolution.

The following bugs are resolved in Prime Network 3.8 DP 2.0

S No	Bugs	Platform	Headline

1.	CSCts98324	All Cisco Devices	incorrect path for end-to-end pw flow
2.	CSCtw68083	All XR devices	The T3 controller is not modelled in STS1->CT3->T1 channelization
3.	CSCtu34126	CRS	No Driver support for T3/E3 syslog on CHOC12 cards for CRS1
4.	CSCtw78527	CRS	Serial interface status is not updated and alarm is not generated

The following bugs are resolved in Prime Network 3.8 DP 1.0

S No	Bugs	Platform	Headline
1.	CSCtt25845	10000	10k flashfileEntries(logicalfiles) not modelling in 12.2.33.SB10
2.	CSCtr54450	7600	NullPointerException flood the AVM log
3.	CSCtr03667	7600	CiscoRouterIPv6BGPLabelwithRouteParser throws NoSuchElementException
4.	CSCtr91490	7600	Label Switching table is not modelling explicit and implicit
5.	CSCtr74786	All XR devices	ipv4 ACL was missing, if ACL name for ipv4 and ipv6 same
6.	CSCtr96430	All XR devices	DSCP attribute in ACL doesnt get updated in PRIME NETWORK
7.	CSCtt29108	All XR devices	IPsec profile property is missing in case of 2 tunnels with same profile
8.	CSCtt40362	All XR devices	Tengig SFP pluggable type is showing wrong as CFP
9.	CSCts41347	ASR 1000	ASR1K: Missing VLAN sub interface down alarm in sub-interface down test
10.	CSCtu56055	ASR 1000	ASR1001 15.1(2)S1 support is broken in the latest PRIME NETWORK 3.7.X DP
11.	CSCts18491	CPT	CPT EVNE is not working
12.	CSCts40086	CPT	CPT no Serial number and improper module state is on NGXP after bug fix
13.	CSCts40215	CPT	CDP is not discovering on CPT 600 device

	Identifier	Platform	Headline
14.	CSCtu08360	CPT	Port status not getting updated on CPT
15.	CSCtu24070	CPT	CPT device not contains CPU usage registration.
16.	CSCts79062	CRS	Channelized Serial shows Protocol Status 'Unknown'
17.	CSCtu34126	CRS	No Driver support for T3/E3 syslog on CHOC12 cards for CRS1
18.	CSCtu20393	ME 3400	ME-3400 device Missing pluggable ports are showing wrong media type.
19.	CSCtt41323	NCCM feature for IOS devices	"Unable to add the image to the repository" error in Image Mgmt
20.	CSCts67203	NCCM feature for XR devices	ASR9K: Wrong telnet command for flash-device-info registration
21.	CSCtu23875	NCCM for IOS devices	Image Distribution failed in External Repository
22.	CSCtt99361	NCCM for IOS devices	Task result pop-up doesn't show the root cause of failure
23.	CSCtt44090	Nexus 7000	cpu utilization polled every system interval on 7600, evne scheme
24.	CSCtt94994	Nexus 7000	IPV6 Routing Table not modeling for Nexus 7000.
25.	CSCtt26671	XR 12000	EVNE: Card down (SPA) not clear after Card down/Card up(SIP) of GSR-IOX

Note: For information regarding the support provided in previous DPs, refer to the respective DP Readme files. Links are provided in Section 1.

4.1 Bug Resolutions That Require Cisco Prime Network Patches

The following bug resolutions are contained in this DP. However, to get the complete bug fix you must also install the indicated version (or later revision) of the Cisco PRIME NETWORK patch. The following table lists these bugs along with the required Cisco Prime Network patch, and the Cisco Prime Network bug identifier.

To obtain any Cisco Prime Network patches, contact your Cisco representative.

	Identifier	Platform	Headline	Cisco Prime Network Release in which it is the dependent Prime Network bug is fixed	Resolved in
1.	CSCtw68139	XR Devices	Channelization inventory is reporting wrong STS width	Prime Network 3.8.0.0.2 (CSCtu34176)	Prime Network

	Identifier	Platform	Headline	Cisco Prime Network Release in which it is the dependent Prime Network bug is fixed	Resolved in
					3.8 DP2
2.	CSCtw68083	XR Devices	The T3 controller is not modelled in STS1->CT3->T1 channelization	Prime Network 3.8.0.0.2 (CSCtw58067)	Prime Network 3.8 DP2
3.	CSCtw78527	CRS	Serial interface status is not updated and alarm is not generated	Prime Network 3.8.0.0.2 (CSCtu95489)	Prime Network 3.8 DP2
4.	CSCtr09508	All XR devices	Hyperlink not coming for some Ports under CDP in XR	CSCtx14725 (TBD)	Prime Network 3.8 DP2
5.	CSCtx02296	7600	FEC Mismatch Counter -1 on DWDM Window	CSCtu31988 (TBD)	Prime Network 3.8 DP2
6	CSCtw58024	ASR 903	Metric value shows as "0" in the IS-IS metrics page of ASR903 device	CSCtx35283 (TBD)	Prime Network 3.8 DP2
7	CSCtu34126	CRS	No Driver support for T3/E3 syslog on CHOC12 cards for CRS1	Prime Network 3.8.0.0.2 (CSCtw58067)	Prime Network 3.8 DP2

5 Open Bugs

5.1 Device-Specific Open Bugs

This sections lists the bugs on the devices because of which some features relating to VNE might not work.

Sno	Bug ID	Platform	Description	Impact	Workaround
1.	CSCtw96573	ASR 901	Timeslot is not displayed for DS0bundle	Timeslot is not displayed for DS0bundle	None
2.	CSCtw70250	ASR 901	Member body not populated when queried thru LAG MIB	LAG details like admin key, operational key etc are not populated	None
3.	CSCtv22042	ASR 9000	Weapon-X: Need to invoke spa_oir_callback() for XCVR OIR	sfp details are listed in entity mib & hence in ANA too." A9K-MPA-2X10GE A9K-MPA-20X1GE A9K-MPA-4X10GE	None

Sno	Bug ID	Platform	Description	Impact	Workaround
4.	CSCtw65407	ASR 9000	Missing enEntityAlias Mapping id for SPA-1CHOC3-CE-ATM	Extra ports will be displayed for these modules A9K-MOD80-TR A9K-MOD80-SE A9K-MOD160-SE	None
5.	CSCtw60065	ASR 9000	EntityAliasMappin gid is not coming for Hundred Gig ports(A9K-2x100GE-SE)	XFP information is coming as unknown for the below modules A9K-2X100GE-SE A9K-2X100GE-TR 100GBASE-LR4	None
6.	CSCtx52156	XR 12000	Ports under SPA-24CHT1-CE-ATM missing in entitymib	The Parent child relationship between the SPA (SPA-24CHT1-CE-ATM) and its ports is missing in entityMib	None
7.	CSCtx30063	XR 12000	status of the SPA Base IOX card is unknown	Oper Staus of IPSEC-2G SPA not modeling in ANA	None
8.	CSCtt43809	ME 38xx	OSPF neighbor down is not parsed from Cisco 3825	Load live automation setup (attached is the setup details - setup.xml)and Wait for the VNEs to get modeled then remove interface FastEthernet0/4 from P1-7204-Auto (169.255.6.10) and by that cause to OSPF neighbor down syslog from PE3-3825-Auto (169.255.6.3) and P1-7204-Auto (169.255.6.10). The syslog "OSPF neighbor down" is parsed from P1-7204-Auto but not from PE3-3825-Auto.	None
9.	CSCts79008	Nexus 5000	Memory usage information is missing in Nexus5K	On Cisco Nexus-5K devices, Memory usage information is missing and unable to view the specific memory.	None
10.	CSCts48120	ME 38xx	MPLS LDP session up trap is not correlated to Link up ticket	On Cisco ME 38XX devices,Theticket"Link up" and all the expected events arriving the system and correlated to it except for "MPLS LDP session up" trap which arrived but is not correlated to the "link up" ticket. Instead the "MPLS LDP session down" trap. Which is correlated in the ticket is auto cleared.	None
11.	CSCts31097	72xx	ATM IMA modeling issues for pa-ima-e1	On Cisco 72xx devices,ATM IMA will not model properly for pa-ima-e1 module,IfDesc is showing as ATM whereas ifType is showing as E1/T1.	None
12.	CSCtr95939	CRS	CSC PathTrace fails, due to wrong Top Label in the path.	In ANA v3.8(Build 641),Load the map called MPLS_VPN choose VNE:ce1-1841-ca and check loopback 1000 under Routing Entity in logical inventory. Perform Path Trace to destination: 10.100.0.253. Path Trace fails, it stuck on CORE10-CRS-1 Probably because of a wrong MPLS Top Label Parameter	None
13.	CSCtr42741	NCCM Feature for XR	Admin config shows Running config	In ANA v3.8.0 Build 1270,Open XR devices (nccm) and go to Configuration backup and look for "gsr-xr-4.1" on the	None

Sno	Bug ID	Platform	Description	Impact	Workaround
		devices		device name then check for Admin config but it shows running-config.	
14.	CSCtq61849	Nccm	Activating Image name should not be limited in command builder	In ANA Vision, Open command handler in device inventory view then Go to NEIMACEVerifyActivateImage and Run the script. It will ask for image name (rsp72043adventerprisek9_dbg-mz.151-2.16.S0.5),with a limit of 20 character and not more.	None
15.	CSCtq36525	Nexus 7000	Nexus 7000 - Wrong PID is shown in telnet result for all SFP's available	On Cisco Nexus 7000 devices by telnetting the following command "show interface transceiver" returns wrong PID for transceiver/SFP available on each interface.	None

5.2 Cisco Prime Network-Specific Open Defects

S no	Bug ID	Description	Impact	Workaround
1.	CSCtx04976	Installation of Third Party Drivers fails over Cisco DP in ANA 3.8	Thirdparty device does not get installed properly	Install Cisco Device package followed by the Thirdparty device package
2.	CSCtx70115	Few ASR9K XR 4.2 Modules will not model properly due to BU bugs	Few ASR9K XR 4.2 modules will not model properly	None
3.	CSCtx56584	Ports under SPA SPA-24CHT1-CE-ATM not modeling for CRS XR42	Ports under SPA SPA-24CHT1-CE-ATM not modeling for CRS XR42	None
4.	CSCtw53760	Issue in channelization modeling(AU3/AU4)_ASR9k_ ANA 373/38	Issue in channelization modeling(AU3/AU4)_ASR9k_ ANA373/38 when we have both AU3/AU4	None
5.	CSCtw78667	T1 port speed is showing zero	The T1 channelized port on CHOCK12 card inventory shows port speed as '0.0'	None
6.	CSCtf00180	Cisco uBR10012:port is not modeled under SPA-24XDS-SFP card	Cisco ANA does not model ports under SPA-24XDS-SFP cards for Cisco uBR10012 devices running Cisco IOS 12.2(33)SCB2. As a result, these ports are not displayed in Cisco ANA Network Vision maps or in inventory.	None
7.	CSCtx42509	ASR5k ACL shows Out of Bound error in GUI ANA3.8	- ASR5k ACL shows Out of Bound error in GUI PRIME NETWORK3.8	Refer to Sec 5.2.1 of the document
8.	CSCtw53760	Issue in channelization modeling(AU3/AU4)_ASR9k_ ANA373/38	Issue in channelization modeling(AU3/AU4)_ASR9k_ PRIME NETWORK373/38 when we have both AU3/AU4.	None

9.	CSCtt99335	Command builder does not work on CPT on the port connectors of NGXP	On Cisco CPT device Network Vision, Create a Command Builder script on a port of NGXPcard and execute the command. But the command fails because the same is being executed on the default context and not NGXP context.	None
10.	CSCtk00267	Migration: Legacy scripts from Cisco ANA 3.7.1 disappear after migration	In Cisco ANA 3.7.1 to 3.7.2 migration setup, Legacy scripts from Cisco ANA 3.7.1 disappear after migration.	None
11.	CSCtg56888	Missing VlanInterface notification when moving switchport to routed	On 10.56.101.33 device, verify hat gig 1/0/10 switch port mode is trunk, and the related vlanInterface appear under bridge 559. when moving switch port mode to routed, VlanInterface notification got missing.	None
12.	CSCtg54230	ATM IMA cards do not populate Loopback, Framing, or Scrambling values	In Cisco 7200 device OC3 POS interface Loopback value is not populated properly.Pa-ima-e1 module is not populate E1 properties like loopback,Framing,Scrambling.	None
13.	CSCtj92252	VNE restarts due to software version change	When the Operator changes the current S/W version to upgraded software version ,VNE restarts due to software version change.	None
14.	CSCtj44001	Cisco SFP-10GBase-CUxM does not return proper vendor OID	The Connector SFP-10GBase-CUXM is returning the OID as unknown instead of returning correct vendor OID in entity MIB. The connector cannot be supported in ANA due to this issue.	None
15.	CSCth01054	Cisco ANA models Cisco 3750g fiber optic ports as RJ45 ports	While Modeling Cisco ANA 3750G the ports shown as RJ45 ports instead of fiber optic ports.	None
16.	CSCtj19233	Cisco RSP720 removal redundancy state ticket issued only after reinsert	while testing TMX events on T4IL lab, By removing the active RSP from a 76xx with SRE0a will not issue "Cisco RF unit state changed" tickets until former active is reinserted and reaches at least "cold standby" state .	None

5.2.1 Disabling Access list registration of ASR 5000 in Prime Network 3.8

1. Login as Prime Network user to CISCO PRIME NETWORK Gateway
2. Go the $ANAHOME/Main/drivers directory in the Cisco Prime Network Gateway
3. Execute the following command

runRegTool.sh localhost set "site/cisco-router-asr5k-productscheme/com.sheer.metrocentral.coretech.common.investigator.GenericForwardingInvestigator/accesslists container/enable" false

6 Related Documentation

The following documents provide information that is specific to DPs.

Document	Provides the Following Information on DPs
Cisco Prime Network 3.8 User	Complete details about the **ivne** script and examples of how to use it,

Document	Provides the Following Information on DPs
Guide	along with troubleshooting tips. There are separate administrator guides for Cisco Prime Network 3.8
Cisco Prime Network 3.8 VNE Reference Guide	List of VNEs supported in Cisco Prime Network 3.8
Addendum: Additional Cisco VNE Driver Support for Cisco Prime Network 3.8	A complete listing of all support that is provided by DPs for the Cisco Prime Network 3.8 releases. This is a companion document to the Cisco Prime Network 3.8 VNE Reference Guide

For a complete list of Cisco PRIME NETWORK documentation, see:

- Cisco Prime Network 3.8 Documentation

7   Appendix A

The following device series are supported by Cisco Cisco-Others-v2.1.0.0.jar.

Routers	Switches
Cisco 1000 Series Routers	Cisco Catalyst 2900 Series Switches
Cisco 10000 Series Routers	Cisco Catalyst 2960 Series Switches
Cisco 800 Series Routers	Cisco Catalyst 3500 XL Series Switches
Cisco 1600 Series Routers	Cisco Catalyst 3550 Series Switches
Cisco 1700 Series Modular Access Routers	Cisco Catalyst 3560 Series Switches
Cisco 1800 Series Integrated Services Routers	Cisco Catalyst 3750 Series Switches
Cisco 2500 Series Routers	Cisco Catalyst 4000 Series Switches
Cisco 2600 Series Multiservice Platform Routers	Cisco Catalyst 4500 Series Switches
Cisco 2800 Series Integrated Services Routers	Cisco Catalyst 5000 Series Switches
Cisco 3600 Series Multiservice Platform Routers	Cisco Catalyst 6500 Series (CatOS) Switches
Cisco 3700 Series Multiservice Access Routers	Cisco ME 6500 Series Ethernet Switches (6524)
Cisco 3800 Series Integrated Services Routers	Cisco Service Control Engines
Cisco 4700 Series Routers	
Access Servers Gateways, Security Appliances, and Generic Devices	
Cisco Access Server 5800 Series	
Cisco AS5300 Series Universal Gateways	