

Readme for Cisco Prime Network 3.8 Device Package 4.0

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1 Contents of Cisco Prime Network 3.8 Device Package 4.0

Cisco Prime Network 3.8 Device Package (DP) 4.0 provides new and enhanced device support and defect fixes for Cisco VNEs. The new support and defect 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 4.0 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 defect 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 or above 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 Thirdparty VNE 3.8 Device package first followed by Cisco Prime Network 3.8 Device Package (not applicable, for Thirdparty VNE Device package 2.0 or above) (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-DP1.tar)

The following table describes the new NE support provided in Cisco Prime Network 3.8 DP 4.0 (CiscoPrimeNetwork-3.8-DP4.tar).

Device Series	Software	New NE / Power supply/Modules supported	Feature/ Technologies	Name and Version of Jar File Containing the s/w Support
CPT			<ul style="list-style-type: none"> EOAM Lock out scripts Link ID scripts BFD scripts MPLS-TP scripts Dynamic VPLS over MPLS-TP 	Cisco-CPT-v2.4.0.0.jar
ASR 9000			<ul style="list-style-type: none"> LINK ID Scripts to support Link ID [Configure Remove] MPLS-TP Scripts 	Cisco-ASR90xx-v2.2.2.0.jar
Cisco 7600	12.2(33)SRE6			Cisco-76xx_65xxIOS-v2.4.0.0.jar
Cisco ASR 1000			IPSec for VzW [Refer Table 1]	Cisco-ASR10xx-v2.3.0.0.jar
ASR 903	15.2(1)S1			Cisco-ASR903-v2.2.0.0.jar
CRS			Reduced Polling Support for CRS 16 VE	Cisco-Commons-v2.4.0.0.jar, Cisco-CRS-v2.2.2.0.jar

Table 1 [IPSec Events for ASR 1000]*

Event name	SubTypeName	Severity/Ticketable	Correlation		Association	Expedite	Description
			Correlate	Activate-flow			
1.3.6.1.4.1.9.9.171.2.0.1	Start	Major/T	F	F	Corresponding IPSec Tunnel level	N	IPsec Phase-1 IKE Tunnel active trap
1.3.6.1.4.1.9.9.171.2.0.2	Stop	Clear	F	F	Corresponding IPSec Tunnel level	N	IPsec Phase-1 IKE Tunnel inactive trap
CRYPTO-5-SESSION_STATUS	DOWN	Minor/T	F	F	Corresponding IPSec Tunnel level	N	Crypto session status down syslog
CRYPTO-5-SESSION_STATUS	UP	Clear	F	F	Corresponding IPSec Tunnel level	N	Crypto session status up syslog

*See Appendix C

Consolidated list of devices, software, modules supported post Prime Network 3.8 releases can be found here - [Cisco Prime Network Reference Guide - VNE Addendum, 3.8](#)

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
CRS 16 VE	Prime Network 3.8 DP4	Cisco-Commons-v2.4.0.0.jar, Cisco-CRS-v2.2.2.0.jar

Note: If you want to see Reduced VNE Polling supports for Nexus 7000 refer to Appendix B.

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 Management. For defect 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 4.0

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 a Customer is installing Thirdparty VNE Device package along with Cisco VNE Device package, it is advised to install Thirdparty VNE 3.8 Device package first followed by Cisco Prime Network 3.8 Device Package (Refer to CSCtx04976 in sec 5.2 for more 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 CiscoPrimeNetwork-3.8-DP4.tar

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 Cisco VNE driver files. Your directory may also contain third-party VNE drivers if you have installed any third-party VNE DPs.

S. No	Device Series	Jar File name	DP version in which the jar file was changed
1	Cisco-12xxx	Cisco-12xxx-v2.2.2.0.jar	Cisco-ANA3.8.x-DP4
2	Cisco-70xx	cisco-70xx-v2.1.2.0.jar	Cisco-ANA3.8.x-DP4
3	Cisco-76xx_65xxIOS	Cisco-76xx_65xxIOS-v2.4.0.0.jar	Cisco-ANA3.8.x-DP4
4	Cisco-ASR10xx	Cisco-ASR10xx-v2.3.0.0.jar	Cisco-ANA3.8.x-DP4
5	Cisco-ASR5000	Cisco-ASR5000-v2.3.1.0.jar	Cisco-ANA3.8.x-DP4
6	Cisco-ASR903	Cisco-ASR903-v2.2.0.0.jar	Cisco-ANA3.8.x-DP4
7	Cisco-ASR90xx	Cisco-ASR90xx-v2.2.2.0.jar	Cisco-ANA3.8.x-DP4
8	Cisco-CPT	Cisco-CPT-v2.4.0.0.jar	Cisco-ANA3.8.x-DP4
9	Cisco-CRS	Cisco-CRS-v2.2.2.0.jar	Cisco-ANA3.8.x-DP4
10	Cisco-Commons	Cisco-Commons-v2.4.0.0.jar	Cisco-ANA3.8.x-DP4
11	Cisco-IOX-Commons	Cisco-IOX-Commons-v2.2.2.0.jar	Cisco-ANA3.8.x-DP4
12	Cisco-ME36XX-ME38XX	Cisco-ME36XX-ME38XX-v2.1.1.0.jar	Cisco-ANA3.8.x-DP4
13	Cisco-MWR29xx	Cisco-MWR29xx-v2.2.1.0.jar	Cisco-ANA3.8.x-DP4
14	Cisco-NCCM_Core	Cisco-NCCM_Core-v2.2.1.0.jar	Cisco-ANA3.8.x-DP4
15	Cisco-Nexus50xx	Cisco-Nexus50xx-v2.2.2.0.jar	Cisco-ANA3.8.x-DP4
16	Cisco-Nexus70xx	Cisco-Nexus70xx-v2.2.2.0.jar	Cisco-ANA3.8.x-DP4
17	Cisco-Others *	Cisco-Others-v2.3.1.0.jar	Cisco-ANA3.8.x-DP4

S. No	Device Series	Jar File name	DP version in which the jar file was changed
18	Cisco-UBR100xx	Cisco-UBR100xx-v2.1.1.0.jar	Cisco-ANA3.8.x-DP4
19	Mib2	Mib2-v2.1.1.0.jar	Cisco-ANA3.8.x-DP4
20	Cisco-Modules	Cisco-Modules-v2.2.1.0.jar	Cisco-ANA3.8.x-DP3
21	Cisco-Nexus10xx	Cisco-Nexus10xx-v2.2.0.0.jar	Cisco-ANA3.8.x-DP2
22	Cisco-100xx	Cisco-100xx-v2.0.1.0.jar	Cisco-ANA3.8.x-DP1
23	Cisco-3400ME	Cisco-3400ME-v2.0.1.0.jar	Cisco-ANA3.8.x-DP1
24	Cisco-3750ME	Cisco-3750ME-v2.1.0.0.jar	Cisco-ANA3.8.x-DP1
25	Cisco-45xx	Cisco-45xx-v2.1.0.0.jar	Cisco-ANA3.8.x-DP1
26	Cisco-49xx	Cisco-49xx-v2.1.0.0.jar	Cisco-ANA3.8.x-DP1
27	Cisco-ISR19xx	Cisco-ISR19xx-v2.1.0.0.jar	Cisco-ANA3.8.x-DP1
28	Cisco-ISR29xx	Cisco-ISR29xx-v2.1.0.0.jar	Cisco-ANA3.8.x-DP1
29	Cisco-NCCM_IOX	Cisco-NCCM_IOX-v2.1.0.0.jar	Cisco-ANA3.8.x-DP1
30	Cisco-ACE4710	Cisco-ACE4710-v2.0.0.0.jar	Cisco-ANA3.8.x-DP0
31	Cisco-ASA5000	Cisco-asa55xx-v2.0.0.0.jar	Cisco-ANA3.8.x-DP0
32	Cisco-ISR39xx	Cisco-ISR39xx-v2.0.0.0.jar	Cisco-ANA3.8.x-DP0
33	Cisco-UBR72xx	Cisco-UBR72xx-v2.0.0.0.jar	Cisco-ANA3.8.x-DP0
34	Cisco-UCS	Cisco-ucs-v2.0.0.0.jar	Cisco-ANA3.8.x-DP0
35	Generic-ICMP	Generic-ICMP-v2.0.0.0.jar	Cisco-ANA3.8.x-DP0

**See Appendix A.*

4 Resolved Defects

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

The following defects are resolved in CiscoPrimeNetwork-3.8-DP4

S No	Defects	Platform	Headline
1	CSCtu18135	All XR Devices	in some PW link peer isn't presented and local router ip is 0.0.0.0
2	CSCtu95760	CRS	Syslog "\"L2-SONET_LOCAL-4-ALARM: SONETO/1/2/0: LAIS\" not supported
3	CSCtw28787	ASR-5K	cannot model an ASR 5K VNE through SSH

S No	Defects	Platform	Headline
4	CSCtw51495	ASR-901	Exception upon executing preview for \"AddHostName Script\" on ASR901
5	CSCtx29511	All XR Devices	Configuration changes are not updated on XR VNE with reduced polling
6	CSCtx51174	All IOS devices	Few scripts needs modification due to the down direction commands issue.
7	CSCtx51695	7600	Few commands needs to be handled for DWDM counters, G709ODU/OTU script
8	CSCtx52035	All XR Devices	Time out exception while executing vlan related scripts in XR
9	CSCtx93011	ASR-901	EFPs are not modeled correctly for ASR 901
10	CSCtx94475	All IOS devices	Not all of the configured timeslots on ds0 are displayed
11	CSCty00921	ASR-5500	ASR5500: Secondary IP address is not reflected in ANA
12	CSCty00938	ASR-5500	ASR5500:Associated Entity field is not reflected in ANA
13	CSCty06574	Nexus-7000	support separate registration for port status module status in Nexus 7k
14	CSCty06831	ASR-5500	ASR5500: IP address is not seen in Export and Import route targets
15	CSCty10686	All Cisco Devices	Container status is Unknown on Fan & PWR modules
16	CSCty18359	ASR-5K	ASR 5K Image distribution fails when password has special characters
17	CSCty19685	CRS	Shutting down a VRRP interface moves the CRS VNE to unreachable state
18	CSCty29568	Cat-356X	\"Link down on unreachable\" appear after shutting down port
19	CSCty41824	CRS	Support for reduced polling in CRS 16 VE chassis
20	CSCty49971	All Cisco Devices	Correct/Insert description entry in ciscovds-* entitiespec.xml files
21	CSCty53703	7600	LSE forwarding table is not modeled in MPLS TP setup
22	CSCty57838	All Cisco Devices	Timestamp info in the CLI output breaks registrations parser logic
23	CSCty63753	All Cisco Devices	Wrong DC relation getting created for channelized mpls serial interfaces
24	CSCty75781	All XR Devices	Missing generic syslog pattern in parsing rules for IOX devices
25	CSCty79115	7600	LSE forwarding table - OutInterface need to be handled for MPLS TP tunnel

26	CSCty82080	All XR Devices	BGP AS number does not model under VRF in XR devices
27	CSCty89153	ASR-9K	ICCP/mLACP not modeled on ASR 9K

The following defects are resolved in CiscoPrimeNetwork-3.8-DP3

S No	Defects	Platform	Headline
1.	CSCtl87991	ME 3400	No cefcFRUInserted event in Cisco ANA3.7.2
2.	CSCtx67427	ASR 9000	channelization configuration isn't remove on vne physical interface
3.	CSCtx02470	Activation scripts	Few Activation scripts are not working for Nexus 5010 device
4.	CSCty00295	7500	Empty Device Series field in vne's
5.	CSCtx97961	ASR 5000	ASR5500 device is not modeling in 3.8.1 on top of Feb DP3
6.	CSCtx19245	Activation scripts	Few Activation scripts are not working for Nexus 7000 device
7.	CSCtx51174	7600	Few scripts needs modification due to the down direction commands issue.
8.	CSCtx87344	7600	7600: ANA is not modeling channelization on CHOC12 card
9.	CSCty01162	XR 12000	GSR XR Running with 4.2 not modeling in ANA 3.8
10.	CSCtx64484	ASR 9000	ANA not modeling MPLS TP working and Protected LSP number
11.	CSCtx76206	ASR 903	Bridges are not modelled in ASR903
12.	CSCtx68202	ASR 9000	In ASR9000 the VLAN ID field under bridge must be removed.
13.	CSCtx17069	ACE 4710	ACE20-MOD-K9 module support for Cisco 7600 in ANA 373 DP 10
14.	CSCtx61643	ASR 5000	ASR5k: System description is displayed improperly.
15.	CSCtx17092	7600	WS-SVC-NAM-2-250S module support for Cisco 7600 in ANA 373 DP 10

The following defects are resolved in Prime Network 3.8 DP 2.0

S No	Defects	Platform	Headline
16.	CSCts98324	All Cisco Devices	incorrect path for end-to-end pw flow

17.	CSCtw68083	All XR devices	The T3 controller is not modelled in STS1->CT3->T1 channelization
18.	CSCtu34126	CRS	No Driver support for T3/E3 syslog on CHOC12 cards for CRS1
19.	CSCtw78527	CRS	Serial interface status is not updated and alarm is not generated

The following defects are resolved in Prime Network 3.8 DP 1.0

S No	Defects	Platform	Headline
1.	CSCtr54450	7600	NullPointerException flood the AVM log
2.	CSCtr91490	7600	Label Switching table is not modelling explicit and implicit
3.	CSCts41347	ASR 1000	ASR1K: Missing VLAN sub interface down alarm in sub-interface down test
4.	CSCtu56055	ASR 1000	ASR1001 15.1(2)S1 support is broken in the latest PRIME NETWORK 3.7.X DP
5.	CSCtu34126	CRS	No Driver support for T3/E3 syslog on CHOC12 cards for CRS1
6.	CSCts67203	NCCM feature for XR devices	ASR9K: Wrong telnet command for flash-device-info registration
7.	CSCtt44090	Nexus 7000	cpu utilization polled every system interval on 7600, evne scheme

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 Defect Resolutions That Require Cisco Prime Network Patches

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

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

S no	Identifier	Platform	Headline	Cisco Prime Network Release in which it is the dependent Prime Network defect is fixed	Resolved in
1.	CSCtl87991	ME34xx	No cefcFRUInserted event in Cisco ANA3.7.2	Prime Network 3.8.0.0.3 (CSCtx63565)	Prime Network 3.8 DP3
2.	CSCtw68139	XR Devices	Channelization inventory is reporting wrong STS width	Prime Network 3.8.0.0.2 (CSCtu34176)	Prime Network 3.8 DP2
3.	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
4.	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
5.	CSCtr09508	All XR devices	Hyperlink not coming for some Ports under CDP in XR	Prime Network 3.8.1 (CSCtx14725)	Prime Network 3.8 DP2
6.	CSCtx02296	7600	FEC Mismatch Counter -1 on DWDM Window	Prime Network 3.8.1 (CSCtu31988)	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 Defects

5.1 Device-Specific Open Defects

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

S no	Defect ID	Platform	Description	Impact	Workaround
1	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

S no	Defect ID	Platform	Description	Impact	Workaround
2	CSCtr95939	CRS	CSC PathTrace fails, due to wrong Top Label in the path.	Pathtrace gets stuck on Backbone carrier PE as the trace is exiting the CSC backbone carrier network in the direction of the Customer carrier network. This is only a problem for IOS-XR PE devices.	None
3	CSCts48120	ME 38xx	MPLS LDP session up trap is not correlated to Link up ticket	The "MPLS LDP session up" trap 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
4	CSCtq61849	Nccm	Activating Image name should not be limited in command builder	Activating Image command builder script fails	None
5	CSCtr42741	NCCM Feature for XR devices	Admin config shows Running config	In Admin mode, NCCM may copy running config instead of admin config	None
6	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
7	CSCtq36525	Nexus 7000	Nexus 7000 - Wrong PID is shown in telnet result for all SFP's available	Wrong PID shown for transceiver / SFP modules for Nexus 7000	None

5.2 Cisco Prime Network-Specific Open Defects

S no	Defect ID	Description	Impact	Workaround
1	CSCtr26507	CPT modeling of NGXP card is not working in Failover scenarios	In a active/standby NGXP scenario, on resetting the active card the switchover happens seamlessly both in CPT Device as well Prime Network but Telnet connectivity is not switching	None

2	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
3	CSCtg56888	Missing VlanInterface notification when moving switchport to routed	On GigabitEthernet trunk port configured as 'switchport', after changing configuration as 'routed', the change is not getting reflected in Cisco Prime Network.	None
4	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
5	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
6	CSCtj44001	Cisco SFP-10GBase-CUxM does not return proper vendor OID	The Cisco SFP-10GBase-CUxM module does not provide the correct vendor OID in Cisco ANA NetworkVision.	None
7	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
8	CSCtj19233	Cisco RSP720 removal redundancy state ticket issued only after reinsert	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
9	CSCty33020	VSI links do not go down in "link down" scenario on GSR-IOX	While testing "Link down" correlation scenario on T4 lab IL PE-GSR-EAST IOX 10.56.116.123 XR 4.1.2 SIP601 G0/1/0/0 to P-7206-NORTH 10.56.116.126 or between PE-ASR9000-NORTH 10.56.116.145 XR 4.1.1 G0/0/0/0 and P-7201-NORTH 10.56.116.129 we found that VSI 170 link between the 2 XR PEs (.123 and .145) doesnt go down.	None
10	CSCty16496	7600: ANA is not modeling STS3 or STS12 paths on OC12 or OC48 interfaces	In 7600 device it was noticed there is no modeling of STS3 or STS12 paths on OC12 or OC48 interfaces.	None
11	CSCty44055	Missing port speed in the DS0 bundle (serial interface) inventory	While managing ASR9K IOS XR 4.1.2 it was noticed that physical inventory of serial interface on DS0 bundle does not show port speed.	None
12	CSCtu70278	Poll now does not update Clock, PTP on reduced polling VNE	While clicking Poll now does not update Clock, lock source table, PTP on reduced polling VNE	None
13	CSCtw79231	EFP updates are not reflected	Poll now feature is not working when EFP is added to an interface	None

		immediately on ASR903 using Poll Now	Create EFP on Glg interface service instance 301 ethernet encapsulation dot1q 301 bridge-domain 301	
14	CSCty63751	Missing ports from EDS Ports property	While modeling nexus in GUI the Bridge LogicalSons not in EthernetPorts	None
15	CSCty85217	IPSec tunnel does not model when source is an interface	While Configure IPSec tunnel in ASR 1k, source of the tunnel to be an interface, instead of ip address this tunnel is not modeled, and not shown up in IPSec tunnel.	None
16	CSCty85223	IPSec tunnel do not show ip address when using unnumbered option	While Configure IPSec tunnel in ASR 1k, with ip address as unnumbered. "ip unnumbered Loopback2147483647" This option will reuse the ip of the loopback interface as the ip of the Tunnel interface. The ip address of the Tunnel is not currently shown.	None
17	CSCty17058	Reduced polling VNE - "no switchport" is not supported	MWR2941 EVNE: "no swithport" command to remove an interface from VLAN is not working as expected. The result was that the EVNE inventory was not getting updated. Clicking "Poll Now"	none

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

ASR5000 ACL shows Out of Bound error in GUI ANA3.8. To prevent the exception being shown in the GUI, execute the following steps.

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.GenericForwardingInves  
tigator/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 Guide	Complete details about the <code>ivne</code> script and examples of how to use it, 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
<i>Addendum: Additional Cisco VNE Driver Support for Cisco Prime Network 3.8</i>	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

Devices Supported in Cisco-Others-v2.3.1.0.jar Supported Device

The following device series are supported by Cisco-Others-v2.3.1.0.jar

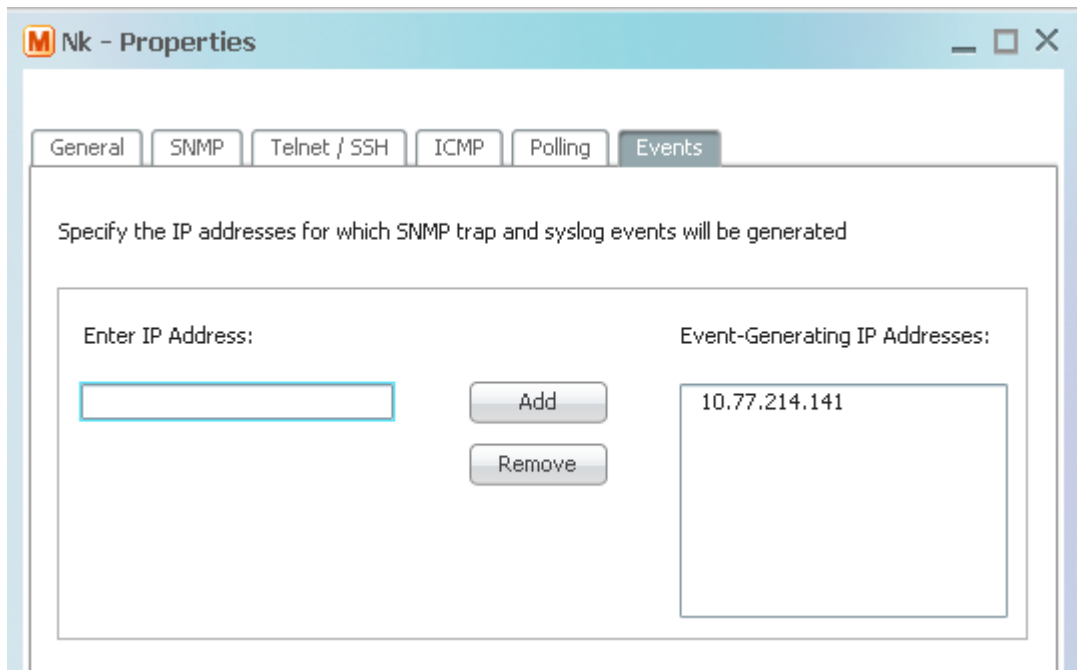
Routers	Switches
Cisco 1000 Series Routers	Cisco Catalyst 2900 Series Switches
Cisco 10000 Series Routers	Cisco Catalyst 2960 Series Switches
Cisco 800 Series Routers	Cisco Catalyst 3500 XL Series Switches
Cisco 1600 Series Routers	Cisco Catalyst 3550 Series Switches
Cisco 1700 Series Modular Access 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	

8 Appendix B

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>

9 Appendix C

ASR 1000 IPSec Support

While configuring the IPSec in ASR-1000 please do the following steps.

For IPSec syslogs/traps to get generated from the device, the following commands need to configure.

- IPSec Syslogs - crypto logging session
- IPSec Traps - snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop