

# Readme for Cisco Prime Network 3.8.xTo3.9.x Device Package 1206

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# 1 Contents of Prime Network 3.8.xTo3.9.x Device Package 1206

Prime Network 3.8.xTo3.9.x Device Package (DP) 1206 provides new and enhanced device support and defect fixes for Cisco VNEs. This document lists the cumulative support delivered post Cisco Prime Network 3.8.0.

This Device package can be installed on Cisco Prime Network 3.8.0.0.5 and Cisco Prime Network 3.9 only.

The new support and defect fixes are described in this Readme.

## Note:

- Cisco Prime Network 3.8.xTo3.9.x DP 1206 contains all of the support( included in CiscoPrimeNetwork-3.8.X-DP6.tar) provided by the Device packages released post Cisco Prime Network 3.8 and can be installed on Cisco Prime Network 3.8.0.0.5
- PrimeNetwork-3.8.xTo3.9.x-DP1206.tar can be installed on [Cisco Prime Network 3.8.0.0.5](#) only.

**PrimeNetwork-3.8.xTo3.9.x-DP1206.tar is not supported on Cisco Prime Network 3.8.1.0.**

- 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.
- Table below represents the Support of features in Device Package 3.8.xTo3.9.x-DP1206 with Prime Network 3.8.0.0.5 and Prime Network 3.9

	On Prime Network 3.8.0.0.5	On Prime Network 3.9
Nexus 7000 and Nexus 2000	Modeled as Multi Shelf	Modeled as Multi Chassis
Nexus 5000 and Nexus 2000	Modeled as Multi Shelf	Modeled as Multi Chassis
ASR 9000 : Satellite and Cluster	Not Supported	Supported
ASR 5000 : GGSN APN GTPU	Not Supported	Supported

## 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.x-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.xTo3.9.x (PrimeNetwork-3.8.xTo3.9.x-DP1206.tar).

Device Series	Software	New NE / Power supply/Modules supported	Feature/ Technologies	Name and Version of Jar File Containing the s/w Support
ASR 903	15.2(2)S1			Cisco-ASR903-v3.1.0.0.jar
ASR 9000	XR 4.2.1	<u>New NE Type</u> <ul style="list-style-type: none"> <li>ASR-9001 (Ironman)</li> <li>ASR9000v (Satellite)</li> </ul> <u>New Module</u> A9K-MOD160-SE	<ul style="list-style-type: none"> <li>ASR9000 Cluster support</li> </ul> <u>Script:</u> <ul style="list-style-type: none"> <li>Y1731 Delete Ethernet SLA Operation</li> <li>Y1731 Show SLA Profiles</li> <li>Y1731 Show SLA Operations Detail</li> <li>Y1731 Configure Global SLA</li> <li>Y1731 Configure Probe EndPoint Association</li> <li>Y1731 Create On Demand Probe Configuration</li> <li>Y1731 Deassociate Profile</li> </ul>	Cisco-ASR90xx-v3.1.0.0.jar
Cisco 7600	15.2(2)S	<u>New Module</u> <ul style="list-style-type: none"> <li>WS-SVC-SAMI-BB-K9(Sami)</li> <li>WS-X6716-10G-3C</li> <li>WS-X6716-10G-3CXL</li> <li>ES+ Low-Q Combo</li> </ul>	<u>Trap support*</u> <ul style="list-style-type: none"> <li>cesRealServerStateUp</li> <li>cesRealServerStateDown</li> <li>cesRealServerStateChange</li> <li>cesRserverStateUp</li> <li>cesRserverStateDown</li> <li>cesRserverStateChange</li> <li>ciscoSlbVServerVIPStateChange</li> <li>ciscoSlbVServerStateChange</li> <li>clmLicenseExpiryNotify</li> <li>clmLicenseFileMissingNotify</li> <li>clmLicenseExpiryWarningNotify</li> </ul> <u>Syslog Support*</u> <ul style="list-style-type: none"> <li>ACE-3-251008</li> <li>ACE-3-251011</li> <li>ACE-3-251014</li> </ul>	Cisco-76xx_65xxIOS-v3.1.0.0.jar
Cisco MWR 2941			<u>Syslog</u> ENVM-1-OVERTEMP	Cisco-Commons-v3.1.0.0.jar
CPT	9.5.1		<u>Configuration Support</u> <ul style="list-style-type: none"> <li>Y1731 Show IP SLA</li> <li>Y1731 Delete SLA</li> <li>Y1731 Configure IP SLA Parameters</li> </ul>	Cisco-CPT-v3.1.0.0.jar
CRS	XR 4.2.1	<u>New NE Type</u> CRS-8-LCC-B <u>Power Module</u> CRS-8-PSH-AC-B	<u>Syslog Support</u> IP-IPV6_ND-3-ADDRESS_DUPLICATE	Cisco-CRS-v3.1.0.0.jar
GSR XR	XR 4.2.1		<ul style="list-style-type: none"> <li>HSRP Technology</li> </ul> <u>Trap Support</u> <ul style="list-style-type: none"> <li>Hsrp state standby</li> <li>Hsrp state non active</li> <li>Hsrp state active</li> </ul> <u>Syslog Support</u> <ul style="list-style-type: none"> <li>Hsrp group change</li> <li>Hsrp group restored</li> </ul>	Cisco-12xxx-v3.1.0.0.jar

ME 3600X	<ul style="list-style-type: none"> <li>•15.2(2)S</li> <li>•15.2(2)S1</li> </ul>	<p><b>New NE Type</b> ME-3600X-24CX-M</p> <p><b>New Connector</b></p> <ul style="list-style-type: none"> <li>• GLC-FE-100LX-RGD</li> <li>• GLC-FE-100FX-RGD</li> <li>• GLC-LX-SM-RGD</li> <li>• GLC-SX-MM-RGD</li> <li>• GLC-ZX-SM-RGD</li> <li>• GLC-BX-U</li> <li>• GLC-BX-D</li> <li>• GLC-EX-SMD</li> <li>• DWDM-XFP-C</li> </ul> <p><b>Power/Fan Module</b></p> <ul style="list-style-type: none"> <li>• PWR-ME3KX-DC</li> <li>• PWR-ME3KX-AC</li> <li>• ME-FANTRAY</li> </ul>		Cisco-ME36XX-ME38XX-v3.1.0.0.jar
ME 3800X	<ul style="list-style-type: none"> <li>•15.2(2)S</li> <li>•15.2(2)S1</li> </ul>			Cisco-ME36XX-ME38XX-v3.1.0.0.jar
Nexus 5000		<p><b>New NE Type</b></p> <ul style="list-style-type: none"> <li>• N5K-C5548P-FA</li> <li>• N5K-C5548UP-FA</li> </ul> <p><b>Power/Fan Module</b></p> <ul style="list-style-type: none"> <li>• N55-PAC-750W</li> <li>• N5548P</li> </ul>		Cisco-Nexus50xx-v3.1.0.0.jar
Nexus 7000		<p><b>New Module</b></p> <ul style="list-style-type: none"> <li>• N7K-C7010-FAB-2</li> <li>• N7K-F248XP-25</li> </ul>	<ul style="list-style-type: none"> <li>• Multi Chassis Support</li> </ul> <p><b>Syslog Support</b></p> <ul style="list-style-type: none"> <li>• VPC-2-PEER_KEEP_ALIVE_SEND_FAIL</li> <li>• VPC-2-PEER_KEEP_ALIVE_RECV_FAIL</li> <li>• VPC-3-GLOBAL_CONSISTENCY_FAILED</li> <li>• VPC-5-GLOBAL_CONSISTENCY_SUCCESS</li> <li>• VPC-5 PEER_KEEP_ALIVE_RECV_SUCCESS</li> <li>• VPC-4-VPC_PEER_ROLE_CHANGE</li> <li>• VPC-5-VPC_PEER_LINK_UP</li> <li>• VPC-5 PEER_KEEP_ALIVE_SEND_SUCCESS</li> <li>• VPC-3-VPC_PEER_LINK_DOWN</li> </ul>	Cisco-Nexus70xx-v3.1.0.0.jar

\*Refer to Sec 8.1.1.2

[Consolidated list of devices, software, and 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 Prime Network 3.8.xTo3.9.x-Device Package 1206

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 VNE Drivers section**. Choose the latest Device Package release available on Cisco.com  
**Note:** To obtain Cisco Prime Network 3.9 Software Download, contact your Cisco representative.

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

- [Cisco Prime Network 3.8 Documentation](#)
- [Cisco Prime Network 3.9 Documentation](#)

### 3 List of Latest Driver Files on Cisco Prime Network 3.8/3.9 server post installation of PrimeNetwork-3.8.xTo3.9.x-DP1206.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-76xx_65xxIOS	Cisco-76xx_65xxIOS-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
2	Cisco-ASR10xx	Cisco-ASR10xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
3	Cisco-ASR5000	Cisco-ASR5000-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
4	Cisco-ASR903	Cisco-ASR903-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
5	Cisco-ASR90xx	Cisco-ASR90xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
6	Cisco-CPT	Cisco-CPT-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
7	Cisco-CRS	Cisco-CRS-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
8	Cisco-Commons	Cisco-Commons-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
9	Cisco-IOX-Commons	Cisco-IOX-Commons-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
10	Cisco-MWR29xx	Cisco-MWR29xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
11	Cisco-Modules	Cisco-Modules-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
12	Cisco-NCCM_IOX	Cisco-NCCM_IOX-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
13	Generic-ICMP	Generic-ICMP-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
14	Cisco-12xxx	Cisco-12xxx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
15	Cisco-70xx	cisco-70xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
16	Cisco-ME36XX-ME38XX	Cisco-ME36XX-ME38XX-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
17	Cisco-NCCM_Core	Cisco-NCCM_Core-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
18	Cisco-Nexus50xx	Cisco-Nexus50xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
19	Cisco-Nexus70xx	Cisco-Nexus70xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
20	Cisco-Others *	Cisco-Others-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
21	Cisco-UBR100xx	Cisco-UBR100xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206

22	Mib2	Mib2-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
23	Cisco-Nexus10xx	Cisco-Nexus10xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
24	Cisco-100xx	Cisco-100xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
25	Cisco-3400ME	Cisco-3400ME-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
26	Cisco-3750ME	Cisco-3750ME-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
27	Cisco-ISR19xx	Cisco-ISR19xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
28	Cisco-45xx	Cisco-45xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
29	Cisco-ISR29xx	Cisco-ISR29xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
30	Cisco-49xx	Cisco-49xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
31	Cisco-ACE4710	Cisco-ACE4710-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
32	Cisco-ASA5000	Cisco-asa55xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
33	Cisco-ISR39xx	Cisco-ISR39xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
34	Cisco-UBR72xx	Cisco-UBR72xx-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206
35	Cisco-UCS	Cisco-ucs-v3.1.0.0.jar	PrimeNetwork-3.8.xTo3.9.x-DP1206

*\*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.xTo3.9.x-DP 1206

S No	Defect	Platform	Headline
1	CSCts17077	Cisco 7600	Duplicate ports displayed on module
2	CSCtz95985	Cisco 3745	Generic module is displayed for new module added through VCB-3745 device
3	CSCtz96406	All Cisco Devices	Legacy Command Builder Scripts for running config from file not working
4	CSCtz96565	ASR 1000	IPV6 source and destination address are not populating in GRE tunnels
5	CSCua06621	ASR 5000	APN accounting mode none is displayed as unknown
6	CSCua30699	All Cisco Devices	MplsTP mid-point LSP changes are not considered for EVNE update
7	CSCua32752	ASR 9000	Supported interfaces for configuring probe endpoint on ASR9K for Y1731
8	CSCua34010	Nexus 5000	FC ports Status and properties are not modeling Properly for Nexus 5K.
9	CSCua34098	Nexus 5000	IpInterfaces are not modeled when interface is operationally Down(Nex5K)

10	CSCua47017	CPT	CPT:\\"configure SLA\\" script attribute validation is not properly done
11	CSCua51812	Nexus 5000	ARP Table is not modelling for Nexus5K
12	CSCua52383	ASR 1000	AVM exits with OutOfMemory error for ASR1k
13	CSCua55105	ASR 9000	Y1731:Unable to delete Probe from a Profile since its having dependency
14	CSCua57255	CPT	Y1731 : Script error is seen when target mac-address is selected.
15	CSCua57751	All Nexus Devices	Multi-Chassis display problem in Nexus7k and Nexus5k
16	CSCua57830	All Nexus Devices	Nexus 7k & Nexus 5K remains in \\"Unsynchronised state\\"
17	CSCua62817	Cisco UCS	BackPlane 5 is not modeling in UCS
18	CSCua67495	ASR 9000	Satellite ICL container with no Satellite configured
19	CSCua68078	Nexus 5000	Powersupply and Fan modules are not modeling properly in Nexus5K
20	CSCua68651	MWR 2900	Typo in Access List parser causes missing entries in logical inventory
21	CSCua75020	ASR 9000	JUNDP Y1731: Packet every operation in Global SLA Script has error

The following defects are resolved in CiscoPrimeNetwork-3.8.x-DP 6.0

S No	Defect	Platform	Headline
1	CSCty64840	ASR-5000	Wrong alarm ids set for asr5k traps
2	CSCtz82733	XR-12000	Ipssec Technology need to be disable in GSR XR
3	CSCtz33866	ASR-9000	ANA3.7.3.1.3/DP12-BGP down trap\\" not clearing when neighbor established
4	CSCtz34937	All Cisco Devices	BGP down traps correlate each one to the other result in loops
5	CSCtz39893	vne-asr-9k	MPLS TP: LSP Mid-Point, Working LSP's details are missing.
6	CSCtz43981	CPT	Status of SFP pluggables not updated even after pluggable were removed
7	CSCtz89362	All XR Devices	Failed find key for DSX1 channel when parsing dsx1LineStatusChange trap
8	CSCtz49582	vne-cpt	Command builder scripts are not working .
9	CSCtz72314	All Cisco IOS Devices	Switching PW modeling needs to be handled in ANA
10	CSCtz75324	ASR-903	Two Management interface is shown after active rsp removal in Rudy
11	CSCtz68852	CPT	CPT:Product Id(PID) for E1T1 pluggable is not proper
12	CSCtz88335	All Cisco Devices	Ethernet status does not match BaseBand on GSR 1200 with IOX XR
13	CSCtz91222	MWR-29xx	Default registration in product evne file is wrongly pointing in MWR29xx



14	CSCtx86760	All Cisco IOX Devices	Wrong pluggable transceiver out tickets on GSR 12k IOX
15	CSCtz47910	All Cisco Devices	DSO bundle down service alarm is not cleared when line has loopback
16	CSCtz49881	ASR-1K	3.8.X DP5 FCS: Traffic Engineering tunnel not modelling properly- > ASR1K
17	CSCtz52243	Cat-356x	Default route shown twice in Routing table - Cisco 3560
18	CSCtz60710	All Cisco Devices	Missing MPLS interfaces on 7600
19	CSCtw66269	All Cisco IOS Devices	CDP Interface Hyperlink is mapping incorrectly _GSR XR_XR 412_ANA38 DP
20	CSCtz61695	UBR-10k	PN39 : Duplicate entries in ciscovdc-cisco-uBR100xx-product-scheme-evne

The following defects are resolved in CiscoPrimeNetwork-3.8.x-DP 5.0

S No	Defects	Platform	Headline
1	CSCto76406	ISR-3900	ISR3900:entPhysicalContained is shown wrong for GLC_LH_SM SFP
2	CSCtr42155	All Cisco Devices	ExpediteArchiveLog uses Timer object
3	CSCtr95939	All XR Devices	CSC PathTrace fails
4	CSCtw55497	All Cisco Devices	ANA: PW Type not correct which caused Crosslaunch to PPM not work
5	CSCtw79231	All Cisco Devices	EFP updates are not reflected immediately on ASR903 using Poll Now
6	CSCtw82022	ASR-901	Aggregation link is not shown under Links
7	CSCtx07998	ASR-9000	ASR9K-BGP-Timers not being updated in Network Vision
8	CSCtx57489	All Cisco Devices	While adding new vne as Generic snmp getting exception in the log
9	CSCtx83764	XR-12000	bgp link GVPE isn't discover between CE and PE device
10	CSCty19092	All Cisco Devices	CiscoKeyFactory returns null key for EFP interface
11	CSCty33020	All XR Devices	VSI links do not go down in \"link down\" scenario on GSR-IOX
12	CSCty33189	All Cisco Devices	MPLS link doesn't go down when removing MPLS config from 7600 ES+ intf
13	CSCty35481	ASR-9000	incorrect outgoing interface for end-point lps on IOX devices
14	CSCty47377	ASR-9000	MPLS TP configured with subinterfaces are not modeled the same.
15	CSCty63751	All Nexus Devices	Missing ports from EDS Ports property
16	CSCty69043	CPT	Card name displays junk values
17	CSCty82838	ASR-1000	ASR1k models with twin DC,Duplicate XID exception
18	CSCty83250	ASR-1000	ASR1k models with exceptions in SBE parser, CiscoRouterTunnel6rdParser
19	CSCty85217	ASR-1000	IPSec tunnel does not model when source is an interface
20	CSCty91357	CPT	Software version is showing as software description.

21	CSCty93202	All Cisco Devices	Mpls LDP neighbor source not displayed if the source is a TP Tunnel
22	CSCtz02894	ASR-9000	ASR9k: power supply card status is set as \"status\" for evne
23	CSCtz04339	All Cisco Devices	dp name in manifest file has to be changed to prime network
24	CSCtz04949	ASR-5000	Wrong alarm ids for asr5k traps: overlapping with service events exists
25	CSCtz08928	All Cisco Devices	IRD comparison issue in the Routing table entity
26	CSCtz10498	CRS	PN3.8: DP4: Cannot model CRS4S IOS XR 4.1.1 with default scheme
27	CSCtz25044	ASR-9000	CFM Scripts: Wrong Range for \"traceroute cache hold-time\"
28	CSCtz25083	ASR-9000	CFM Scripts: Value not applicable persent in Contnuity Check Script
29	CSCtz31220	ISR-2900	C2951 Modells with NumberFormatException,IllegalArgumentException

The following defects are resolved in CiscoPrimeNetwork-3.8-DP 4.0

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: SONETO1/2/0: LAIS\" not supported
3	CSCtw28787	ASR-5K	cannot model an ASR 5K VNE through SSH
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-DP 3.0

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
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 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 **Error! Reference source not found.**

#### ***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

S no	Identifier	Platform	Headline	Cisco Prime Network Release in which it is the dependent Prime Network defect is fixed	Resolved in
					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	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	CSCtq36525	Nexus 7000	Nexus 7000 - Wrong PID is shown in telnet result for all SFP's available	While getting the telnet result for command "show interface transceiver" returns wrong PID for transceiver/SFP available on each interface	None
2	CSCts31097	Cisco 7200	ATM IMA modeling issues for pa-ima-e1	Show ima interface <interface name> command is missing in the SRC train. So IMA will not model proeprly for pa-ima-e1 module	None
3	CSCts79008	Nexus 5000	Memory usage information is missing in Nexus5K	While modeling Nexus 5000 device the Memory usage information is missing in GUI	None
4	CSCtw65605	Nexus 1000	ANA3.7.XDP9: VEM modules status missing in Nexus1000V	While modeling nexus 1000v device the VEM modules status is missing	None
5	CSCtw77988	ASR 9000	ASR9k: missing bundle interface under Ethernet link agg in logical inven	While modeling bundle interface under Ethernet link aggregation missing some of the bundle interfaces entry	None

## 5.2 Cisco Prime Network-Specific Open Defects

S no	Defect ID	Description	Impact	Workaround
1	CSCua85950	Upgrade from 3.8 to 3.9 FCS does not convert multi shelf to multi chassis	Multi-Chassis devices are modeled as Multi-shelf after upgrade from PN 3.8 to PN 3.9	None
2	CSCtz65835	Routing Table entries missing for VRF's in EVNE scheme	Routing table entries for VRF is not showing in EVNE scheme	None
3	CSCua11460	Power down on O/O/CPU0, Status is shown as UP	CPU Power down status is not showing properly	None
4	CSCua21022	Bundle ethernet is not being presented in ASR9K	Bundle ethernet is not being presented in ASR9K device	None
5	CSCua51365	TE tunnel outgoing interface link is wrong	In ASR 9000 device while modeling TE tunnel outgoing interface link is not showing correctly	None
6	CSCua62184	Wrong Ethernet type Heading for 100GE port	The Ethernet Heading is wrong for 100GE port. Wrong value instead of Hundred Gigabyte Ethernet	None
7	CSCua73645	JUNDP Y1731: De associate Profile script is only visible in Command Build	The De associate Profile Script is only visible in the Command Builder but does not show as separate Script in the GUI as commands	None
8	CSCtu24056	SCE2000 not contains CPU usage registration	CPU value is not showing VNE	None
9	CSCtw65605	ANA3.7.XDP9: VEM modules status missing in Nexus1000V	VEM Module status is not showing in GUI	None
10	CSCua83720	Duplicate GigabitEthernet ports (<sat-id>/0/0/0-3) on Satellite Chassis	Due to platform issue, SNMP TenGigE IC ports are supposed to be hidden for manageability, however it is partially presented in SNMP Instrumentation	None
11	CSCua35492	Chassis disconnected ticket is not cleared on Satellite OIR	While doing IOR activity in ASR 9000 devices the chassis disconnected ticket is not cleared properly	None
12	CSCua31363	Server ports and uplink Ethernet ports are showing wrong ' Mode' in UCS	While modeling UCS the Server ports are showing mode as ACCESS instead of Fabric and uplink ethernet ports are showing as ACCESS instead of Trunk.	None
13	CSCua33760	Back plane and Fabric ports state is not updated when IOcardinaccessable	While modeling UCS the Back plane and Fabric ports state is not updated when IOcardinaccessable	None
14	CSCub21606	CPT VNE is not modeling	CPT VNE is not modeling in Prime Network	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.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
<a href="#">Cisco Prime Network 3.8 User Guide</a>	Complete details about the ivne script and examples of how to use it, along with troubleshooting tips. There are separate administrator guides for Cisco Prime Network 3.8
<a href="#">Cisco Prime Network 3.8 VNE Reference Guide</a>	List of VNEs supported in Cisco Prime Network 3.8
<a href="#">Addendum: Additional Cisco VNE Driver Support for Cisco Prime Network 3.8</a>	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 <a href="#">Cisco Prime Network 3.8 VNE Reference Guide</a>
<a href="#">Cisco Prime Network 3.8 Device Package 1.0 Readme</a>	Content of Prime Network 3.8.x DP 1.0
<a href="#">Cisco Prime Network 3.8 Device Package 2.0 Readme</a>	Content of Prime Network 3.8.x DP 2.0
<a href="#">Cisco Prime Network 3.8 Device Package 3.0 Readme</a>	Content of Prime Network 3.8.x DP 3.0
<a href="#">Cisco Prime Network 3.8 Device Package 4.0 Readme</a>	Content of Prime Network 3.8.x DP 4.0
<a href="#">Cisco Prime Network 3.8 Device Package 5.0 Readme</a>	Content of Prime Network 3.8.x DP 5.0
<a href="#">Cisco Prime Network 3.8 Device Package 6.0 Readme</a>	Content of Prime Network 3.8.x DP 6.0

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

- [Cisco Prime Network 3.8 Documentation](#)
- [Cisco Prime Network 3.9 Documentation](#)

## 7 Appendix A

### Devices Supported in Cisco-Others-v3.1.0.0.jar Supported Device

The following device series are supported by Cisco-Others-v3.1.0.0.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	
<b>Access Servers Gateways, Security Appliances, and Generic Devices</b>	
Cisco Access Server 5800 Series	
Cisco AS5300 Series Universal Gateways	

## 8 Appendix B

### Specifying IP Addresses for which SNMP Trap and Syslog Events

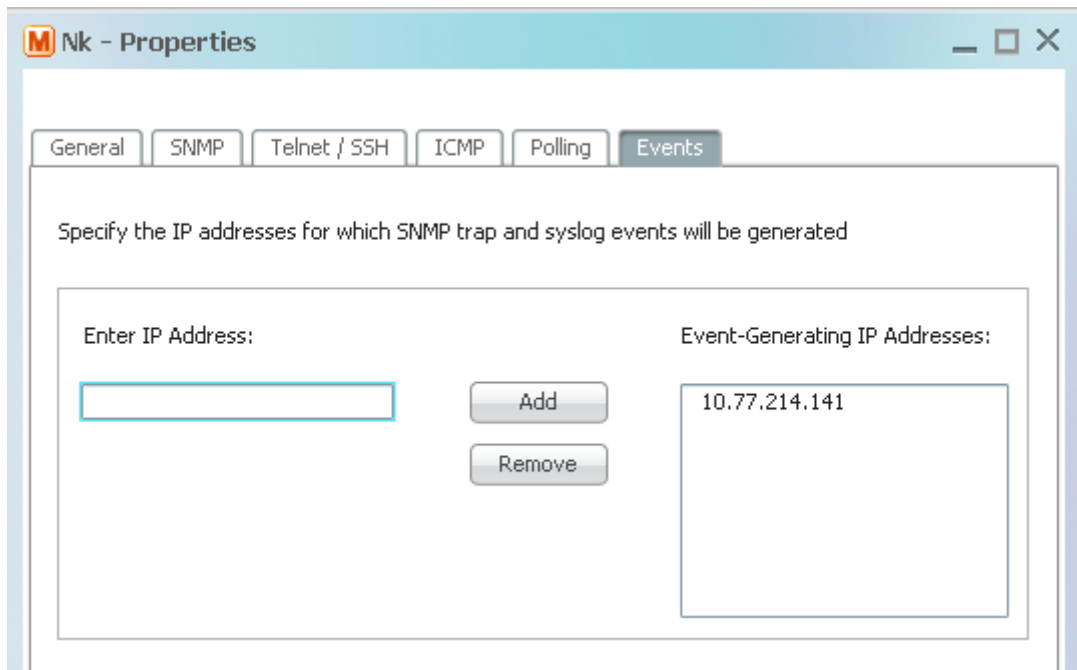
On many occasions, SNMP syslog's are generated with source IP address other than the management IP address. In this case, the IP address has to be added in the "Events" tab while adding the VNE to the Server, so that Cisco Prime Network associates the events to the appropriate VNE

#### 8.1.1.1 *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>***

### ***8.1.1.2 Support for ACE Card (Cisco 7600) Events***

Add the source IP address of the event generated from ACE card residing on the 7600 chassis as mentioned in Sec 8.1.1.1