

Addendum: Additional VNE Driver Support for Cisco ANA 3.7.2 and 3.7.3

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This document contains information about new or enhanced Virtual Network Elements (VNE) drivers that became available after Cisco ANA 3.7.2 and 3.7.3 were released.

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Obtaining the New and Enhanced Device Drivers

New and enhanced VNE support is be provided through Device Packages (DPs) and service or point patches, as they become available. To obtain this additional support, do the following:

- For Device Packages (DPs), log into Cisco.com and go to the [Cisco ANA Software Download site](#).
- For Point Patches and Service Patches, contact your Cisco representative.

Once you download the new support, it can be installed on Cisco ANA 3.7.2 or Cisco ANA 3.7.3. The downloadable package provides new and enhanced device support for multiple device families (as described in this document or in the release note or readme that accompanies the download).

Device Packages are cumulative; for example, DP 2.0 contains all of the support that was delivered in DP 1.0.

Note: Be sure to read the accompanying Readme file and installation instructions that are available from the download site.

The downloadable package provides new and enhanced device support for multiple device families (as described in this document or in the release note or readme that accompanies the download).

Are All Cisco ANA 3.7.2 DPs Included in Cisco ANA 3.7.3?

The base release of Cisco ANA 3.7.3 contains all of the support provided in:

- Cisco ANA 3.7.2 DP 1.0
- Cisco ANA 3.7.2 DP 2.0

If you have a Cisco ANA 3.7.2 installation and have installed DP 3.0, and you decide to upgrade to Cisco ANA 3.7.3, you will not lose the DP 3.0 support. The upgrade process will automatically retain the latest (DP 3.0) driver files.

If you have a Cisco ANA 3.7.3 installation, you should install the latest DP. The latest DP contains the contents of all of the previously-released DPs. (As a general rule, to get the latest support and bug fixes, always install the latest Device Package that is available on Cisco.com.)

Understanding the Tables in This Addendum

The tables in this Addendum include an “ANA Version – When Added” column that indicates the Cisco ANA release that supports the item, and when the support was added.

ANA Version – Added in...	Description	DP is Installable on:
3.7.2 – DP 1.0	Support was added in the first DP release.	Cisco ANA 3.7.2
3.7.2 – DP 2.0	Support was added in the second DP release. DP 2.0 includes the contents of DP 1.0.	Cisco ANA 3.7.2
3.7.2 – DP 3.0	Support was added in the third DP release. DP 3.0 includes the contents of DP 1.0 and 2.0. (Note for Cisco ANA 3.7.3: If you install or upgrade to 3.7.3, you can install this DP at the end of the install/upgrade process.)	Cisco ANA 3.7.2
3.7.2/3.7.3 – DP 4.0	Support was added in the fourth DP release. DP 4.0 includes the contents of DP 1.0, 2.0, and 3.0.	Cisco ANA 3.7.2 and 3.7.3
3.7.2/3.7.3 – DP 5.0	Support was added in the fifth DP release. DP 4.0 includes the contents of DP 1.0, 2.0, 3.0, and 4.0	Cisco ANA 3.7.2 and 3.7.3
(etc.)
3.7.3 – base	Support was added in the main (base) release of Cisco ANA 3.7.3.	n/a; part of base release

New Support for Cisco Routers

The following new support is available for Cisco routers.

Cisco ISR 1900 Series Routers —Additional Support

- **Cisco ISR 1900—Supported Software Versions**

Software Version	ANA Version – Added in:
15.1(3)T	3.7.2 – DP 1.0 3.7.3 – base
15.1(3)T1	3.7.2/3.7.3 – DP 4.0
15.1(1)T3	3.7.2/3.7.3 – DP 4.0

Cisco ISR 2800 Series Routers —Additional Support

- **Cisco ISR 2800—Supported Software Versions**

Software Version	ANA Version – Added in:
15.0(1)M7	3.7.2/3.7.3 – DP 12.0
15.1(3) T3	3.7.2/3.7.3 – DP 12.0

Cisco ISR 2900 Series Routers —Additional Support

- **Cisco ISR 2900—Supported Software Versions**

Software Version	ANA Version – When Added
15.1(3)T	3.7.2 – DP 1.0 3.7.3 – base
15.1(1)T3	3.7.2/3.7.3 – DP 4.0
15.1(3)T2	3.7.2/3.7.3 – DP 4.0
15.2(T)	3.7.2/3.7.3 – DP 9.0

- **Cisco ISR 2900—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
PWR-2921-51-DC	Cisco 2921/2951 DC Power Supply (Both system & spare)	3.7.2/3.7.3 – DP 14.0

Cisco ISR 3800 Series Routers —Additional Support

- **Cisco ISR 3800—Supported Software Versions**

Software Version	ANA Version - Added in:
15.0(1)M7	3.7.2,3.7.3 – DP 12.0

Cisco ISR 3900 Series Routers —Additional Support

- **Cisco ISR 3900—Supported Software Versions**

Software Version	ANA Version - Added in:
15.1(3)T	3.7.2 – DP 1.0 3.7.3 – base
15.1(1)T3	3.7.2/3.7.3 – DP 4.0
15.1(3)T2	3.7.2/3.7.3 – DP 4.0
15.2(T)	3.7.2/3.7.3 – DP 9.0

Cisco MWR 2900—Additional Support

- **Cisco MWR 2900—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(33)MRB	3.7.2 – DP 1.0 3.7.3 – base
12.2(33)MRB1	3.7.2 – DP 1.0 3.7.3 – base
12.2(33)MRB2	3.7.2 – DP 1.0 3.7.3 – base

Software Version	ANA Version - Added in:
12.2(33)MRB3	3.7.2 – DP 1.0 3.7.3 – base
12.2(33)MRB4	3.7.2 – DP 3.0
12.4(19)MR3	3.7.2 – DP 1.0 3.7.3 – base
12.4(20)MRA	3.7.2 – DP 1.0 3.7.3 – base
12.4(20)MRA1	3.7.2 – DP 1.0 3.7.3 – base
12.4(20)MRB	3.7.2 – DP 1.0 3.7.3 – base
12.4(20)MR1	3.7.2 – DP 1.0 3.7.3 – base
15.0(2)MR	3.7.2 / 3.7.3 – DP 4.0
15.1(1)MR	3.7.2 / 3.7.3 – DP 5.0
15.1(1)MR1	3.7.2/3.7.3 – DP 5.0
12.2(33)MRB5	3.7.2/3.7.3 – DP 6.0
12.2(33)MRB6	3.7.2/3.7.3 – DP 7.0
15.1(1)MR2	3.7.2/3.7.3 – DP 9.0
15.1(1)MR3	3.7.2/3.7.3 – DP 12.0

- **Cisco MWR 2900—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
GLC-EX-SMD	1000BASE-EX SFP transceiver module, SMF, 1310nm, 40km, DOM	3.7.2/3.7.3 – DP 6.0

Cisco 7200 Series Routers —Additional Support

- **Cisco 7200—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(33)SRD6	3.7.2 – DP 1.0 3.7.3 – base

12.2(33)SRE3	3.7.2 – DP 1.0 3.7.3 – base
12.2(33)SRE4	3.7.2/3.7.3 – DP 4.0
15.1(3)S	3.7.2/3.7.3 – DP 7.0
15.1(3)S1	3.7.2/3.7.3 – DP 9.0
12.2(33)SRD7	3.7.2/3.7.3 – DP 9.0

- **Cisco 7200—Supported Technologies**

Technology	ANA Version - Added in:
ISIS	3.7.2/3.7.3 – DP 10.0

Cisco 7300 Series Routers —Additional Support

- **Cisco 7300—Supported Software Versions**

Software Version	ANA Version - Added in:
15.0(1)M	3.7.2/3.7.3 – DP 7.0
15.0(1)M6	3.7.2/3.7.3 – DP 7.0
15.0(3)S	3.7.2/3.7.3 – DP 7.0
15.0(1)M1	3.7.2/3.7.3 – DP 8.0
15.0(1)M2	3.7.2/3.7.3 – DP 8.0
15.0(1)M3	3.7.2/3.7.3 – DP 8.0
15.0(1)M4	3.7.2/3.7.3 – DP 8.0
15.0(1)M5	3.7.2/3.7.3 – DP 8.0

Cisco 7500 Series Routers — Documentation Update

Note: The following modules are already supported in the base release of Cisco ANA 3.7.2. However, they are not listed in the reference guide. They are listed here so that, between the reference guide and this addendum, you can see the complete support that is available.

- **Cisco 7500—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
PWR-7513-AC	Cisco 7513 AC Power Supply Spare, US	3.7.2 - base
PWR-7513-DC	Cisco 7513 DC Power Supply Option	3.7.2 - base
PWR/5AC(=)	Cisco 7010/7505 AC Power Supply, U.S.	3.7.2 - base
PWR/5DC(=)	Cisco 7010/7505 DC Power Supply (Spare)	3.7.2 - base
PWR/7-AC(=)	Cisco 7000/7507 AC Power Supply, US (Spare)	3.7.2 - base
PWR/7-DC(=)	Cisco 7000/7507 DC Power Supply (Spare)	3.7.2 - base
7513PS1Fan	7513 Series Power supply 1 Fan	3.7.2 - base
7513PS2Fan	7513 Series Power supply 2 Fan	3.7.2 - base
MAS/5-FAN=	Cisco 7010/7505 Blower Assembly (Spare)	3.7.2 - base
MAS/7-FAN=	Cisco 7000/7507 Blower Assembly Spare	3.7.2 - base

Cisco 7600 Series Routers — Additional Support

- **Cisco 7600—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(18)SXF11	3.7.2 – DP 1.0 3.7.3 – base
12.2(33)SRD6	3.7.2 – DP 1.0 3.7.3 – base
15.1(1)S1	3.7.2 – DP 1.0 3.7.3 – base
15.0(1)S3	3.7.2 – DP 2.0 3.7.3 – base
15.1(2)S	3.7.2 – DP 2.0 3.7.3 – base

Software Version	ANA Version - Added in:
15.1(1)S2	3.7.2 – DP 3.0
12.2(33)SRE4	3.7.2/3.7.3 – DP 4.0
15.1(2)S1	3.7.2/3.7.3 – DP 5.0
15.0(1)S4	3.7.2/3.7.3 – DP 6.0
15.1(3)S	3.7.2/3.7.3 – DP 6.0
15.1(2)S2	3.7.2/3.7.3 – DP 7.0
15.1(3)S1	3.7.2/3.7.3 – DP 9.0
12.2(33)SRD7	3.7.2/3.7.3 – DP 9.0
15.1(3)S2	3.7.2/3.7.3 – DP 10.0
15.2(1)S	3.7.2/3.7.3 – DP 10.0
12.2(33)SRE5	3.7.2/3.7.3 – DP 10.0
15.0(1)S5	3.7.2/3.7.3 – DP 11.0
12.2(33)SRE6	3.7.2/3.7.3- DP 13.0
12.2(33)SRD8	3.7.2/3.7.3- DP 14.0
15.1(3)S3	3.7.2/3.7.3- DP 14.0
15.2(1)S1	3.7.2/3.7.3- DP 14.0

- **Cisco 7600—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
CISCO-SFP-T3-GE	Cisco SFP Ethernet to T3 Remote Bridge	3.7.2 – DP 1.0 3.7.3 – base
ACE30-MOD-K9	Cisco Application Control Engine (ACE30) Module	3.7.2 – DP 1.0 3.7.3 – base
GLC-LH-SMD	Short Wavelength Gigabit Ethernet SFP	3.7.2 – DP 1.0 3.7.3 – base
GLC-SX-MMD	Long Wavelength Gigabit Ethernet SFP	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-30.33	1000BASE-DWDM 1530.33 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-31.12	1000BASE-DWDM 1531.12 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-31.90	1000BASE-DWDM 1531.90 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base

Module Name	Module Description	ANA Version - Added in:
DWDM-GBIC-32.68	1000BASE-DWDM 1532.68 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-34.25	1000BASE-DWDM 1534.25 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-35.04	1000BASE-DWDM 1535.04 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-35.82	1000BASE-DWDM 1535.82 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-36.61	1000BASE-DWDM 1536.61 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-38.19	1000BASE-DWDM 1538.19 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-39.98	1000BASE-DWDM 1538.98 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-39.77	1000BASE-DWDM 1539.77 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-40.56	1000BASE-DWDM 1540.56 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-42.14	1000BASE-DWDM 1542.14 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-42.94	1000BASE-DWDM 1542.94 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-43.73	1000BASE-DWDM 1543.73 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-44.53	1000BASE-DWDM 1544.53 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-46.12	1000BASE-DWDM 1546.92 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-46.92	1000BASE-DWDM 1546.92 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-47.72	1000BASE-DWDM 1547.72 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-48.51	1000BASE-DWDM 1548.51 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-50.12	1000BASE-DWDM 1550.12 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-50.92	1000BASE-DWDM 1550.92 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base

Module Name	Module Description	ANA Version - Added in:
DWDM-GBIC-51.72	1000BASE-DWDM 1551.72 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-52.52	1000BASE-DWDM 1552.52 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-54.13	1000BASE-DWDM 1554.13 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-54.94	1000BASE-DWDM 1554.94 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-55.75	1000BASE-DWDM 1555.75 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-56.55	1000BASE-DWDM 1556.55 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-58.17	1000BASE-DWDM 1558.17 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-58.98	1000BASE-DWDM 1558.98 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-59.79	1000BASE-DWDM 1559.79 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
DWDM-GBIC-60.61	1000BASE-DWDM 1560.61 Nm GBIC (100 GHz ITU grid)	3.7.2 – DP 1.0 3.7.3 – base
SFP-OC48-LR2	OC-48c/STM-16 pluggable long-reach (80 km) transceiver module, 1550-nm wavelength, LC connector	3.7.2/3.7.3 – DP 6.0
SFP-OC48-IR1	OC-48c/STM-16 pluggable intermediate-reach (15 km) transceiver module, 1310-nm wavelength, LC connector	3.7.2/3.7.3 – DP 6.0
SFP-OC48-SR	OC-48c/STM-16 pluggable short-reach (2 km) transceiver module, 1310-nm wavelength, LC connector	3.7.2/3.7.3 – DP 6.0
WS-IPSEC-3	Cisco Catalyst 6500 Series VPN Services Port Adapter	3.7.2/3.7.3 – DP 8.0
WS-SSC-600	Cisco Catalyst 6500 Series Services SPA Carrier-600	3.7.2/3.7.3 – DP 8.0
ACE20-MOD-K9	Cisco ACE20 Service Module for Cisco Catalyst 6500 Series and Cisco 7600 Series: Includes 1000 SSL TPS and 5 Virtual Devices	3.7.2/3.7.3 – DP 12.0
WS-SVC-NAM-2-250S	Cisco Catalyst 6500 Series and Cisco 7600 Series Network Analysis Module-2	3.7.2/3.7.3 – DP 12.0

Module Name	Module Description	ANA Version - Added in:
76-ES+XT-2TG3CXL	7600 ES+XT, LAN/WAN PHY, OTN/G.709, 2x10GE, XFP, DFC3CXL	3.7.2/3.7.3 – DP 12.0
7600-ES+ITU-2TG-LK	7600-ES+ITU-2TG-LK 7600 ES+ 2x10GE XFP ITU	3.7.2/3.7.3 – DP 12.0

- **Cisco 7600—Miscellaneous Support**

Support for:	ANA Version - Added in:
Wavelength maps Inventory and Scripts	3.7.2/3.7.3 – DP 11.0
PM properties Inventory and Scripts for IPoDWDM	3.7.2/3.7.3 – DP 11.0
Trail Trace Identifier Scripts for IPoDWDM	3.7.2/3.7.3 – DP 11.0

Cisco 10000 Series Routers —Additional Support

- **Cisco 10000—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(31)SB18	3.7.2 – DP 1.0 3.7.3 – base
12.2(31)SB19	3.7.2 – DP 1.0 3.7.3 – base
12.2(33)SB9	3.7.2 – DP 1.0 3.7.3 – base
12.2(33)XNE3	3.7.2 – DP 1.0 3.7.3 – base
15.0(1)S2	3.7.2 – DP 1.0 3.7.3 – base
15.0(1)S3a	3.7.2 – DP 3.0
12.2(33)SB10	3.7.2/3.7.3 – DP 4.0
15.0(1)S4	3.7.2/3.7.3 – DP 6.0
12.2(31)SB20	3.7.2/3.7.3 – DP 6.0

Cisco 12000 Series Routers —Additional Support

- **Cisco 12000—Supported Software Versions**

Software Version	ANA Version - Added in:
12.0(32)SY12	3.7.2 – DP 1.0 3.7.3 – base
12.0(32)SY13	3.7.2/3.7.3 – DP 6.0
12.0(33)S8	3.7.2/3.7.3 – DP 6.0

Cisco XR 12000 Series Routers —Additional Support

- **Cisco XR 12000—Supported Software Versions**

Software Version	ANA Version - Added in:
XR 4.0.3	3.7.2/3.7.3 – DP 4.0
XR 4.1.0	3.7.2/3.7.3 – DP 4.0
XR 4.1.1	3.7.2/3.7.3 – DP 6.0
XR 4.1.2	3.7.2/3.7.3 – DP 10.0
XR 4.2.0	3.7.2/3.7.3 – DP 11.0

- **Cisco XR 12000—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
SPA-8XOC3-POS	8-port OC-3/STM-1 POS Shared Port Adapters	3.7.2/3.7.3 – DP 5.0
SPA-1X10GE-L-ITUC	Cisco 1-Port 10-Gigabit Ethernet IPoDWDM Shared Port Adapter	3.7.2/3.7.3 – DP 7.0
PRP3-SMDC	Service Module Daughter Card	3.7.2/3.7.3 – DP 10.0
SFP-OC3-IR1	OC-3/STM-1 pluggable intermediate-reach (15 km) transceiver module, 1310-nm wavelength, LC connector	3.7.2/3.7.3 – DP 11.0
SFP-OC3-LR2	OC-3/STM-1 pluggable long-reach (80 km) transceiver module, 1550-nm wavelength, LC connector	3.7.2/3.7.3 – DP 11.0

Module Name	Module Description	ANA Version - Added in:
SFP-OC3-LR1	OC-3/STM-1 pluggable long-reach (40 km) transceiver module, 1310-nm wavelength, LC connector	3.7.2/3.7.3 – DP 11.0
SFP-OC3-SR	OC-3/STM-1 pluggable short-reach (2 km) transceiver module, 1310-nm wavelength, LC connector	3.7.2/3.7.3 – DP 11.0
SFP-OC3-MM	OC-12/STM-4 pluggable short-reach (2 km) transceiver module, 1310-nm wavelength, MMF, LC connector	3.7.2/3.7.3 – DP 11.0
SPA-1CHOC3-CE-ATM	1-port Channelized OC3/STM-1 ATM & Circuit Emulation SP	3.7.2/3.7.3 – DP 11.0
SPA-24CHT1-CE-ATM	24-port Channelized T1/E1 ATM & Circuit Emulation Shared Port Adapter	3.7.2/3.7.3 – DP 11.0
SPA-2CHT3-CE-ATM	2-port Channelized T3/E3 ATM & Circuit Emulation Shared Port Adapter	3.7.2/3.7.3 – DP 11.0

- **Cisco XR 12000—Supported Technologies**

Technologies	ANA Version - Added in:
IPoDWDM (support for events and inventory)	3.7.2/3.7.3 – DP 7.0

Cisco CRS Carrier Routing System—Additional Support

- **Cisco CRS—Supported Network Elements**

NE Type	Product Name	SysOID	ANA Version - Added in:
CRS-16/S-B	CRS 16 Slots Carrier Routing System/Single-B	1.3.6.1.4.1.9.1.613	3.7.2/3.7.3 – DP 8.0

- **Cisco CRS—Supported Software Versions**

Software Version	ANA Version - Added in:
XR 4.0.3	3.7.2/3.7.3 – DP 4.0
XR 4.1.0	3.7.2/3.7.3 – DP 4.0
XR 4.1.1	3.7.2/3.7.3 – DP 6.0

Software Version	ANA Version - Added in:
XR 4.0.4	3.7.2/3.7.3 – DP 9.0
XR 4.1.2	3.7.2/3.7.3 – DP 10.0
XR 4.2.0	3.7.2/3.7.3 – DP 11.0

- **Cisco CRS—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
DWDM-XENPAK-30.33	10GBASE-DWDM XENPAK 1530.33 nm	3.7.2 – DP 3.0
DWDM-XENPAK-31.12	10GBASE-DWDM XENPAK 1531.12 nm	3.7.2 – DP 3.0
DWDM-XENPAK-31.90	10GBASE-DWDM XENPAK 1531.90 nm	3.7.2 – DP 3.0
DWDM-XENPAK-32.68	10GBASE-DWDM XENPAK 1532.68 nm	3.7.2 – DP 3.0
DWDM-XENPAK-34.25	10GBASE-DWDM XENPAK 1534.25 nm	3.7.2 – DP 3.0
DWDM-XENPAK-35.04	10GBASE-DWDM XENPAK 1535.04 nm	3.7.2 – DP 3.0
DWDM-XENPAK-35.82	10GBASE-DWDM XENPAK 1535.82 nm	3.7.2 – DP 3.0
DWDM-XENPAK-36.61	10GBASE-DWDM XENPAK 1536.61 nm	3.7.2 – DP 3.0
DWDM-XENPAK-38.19	10GBASE-DWDM XENPAK 1538.19 nm	3.7.2 – DP 3.0
DWDM-XENPAK-39.98	10GBASE-DWDM XENPAK 1539.98 nm	3.7.2 – DP 3.0
DWDM-XENPAK-39.77	10GBASE-DWDM XENPAK 1539.77 nm	3.7.2 – DP 3.0
DWDM-XENPAK-40.56	10GBASE-DWDM XENPAK 1540.56 nm	3.7.2 – DP 3.0
DWDM-XENPAK-42.14	10GBASE-DWDM XENPAK 1542.14 nm	3.7.2 – DP 3.0
DWDM-XENPAK-42.94	10GBASE-DWDM XENPAK 1542.94 nm	3.7.2 – DP 3.0
DWDM-XENPAK-43.73	10GBASE-DWDM XENPAK 1543.73 nm	3.7.2 – DP 3.0
DWDM-XENPAK-44.53	10GBASE-DWDM XENPAK 1544.53 nm	3.7.2 – DP 3.0
DWDM-XENPAK-46.12	10GBASE-DWDM XENPAK 1546.12 nm	3.7.2 – DP 3.0
DWDM-XENPAK-46.92	10GBASE-DWDM XENPAK 1546.92 nm	3.7.2 – DP 3.0
DWDM-XENPAK-47.72	10GBASE-DWDM XENPAK 1547.72 nm	3.7.2 – DP 3.0
DWDM-XENPAK-48.51	10GBASE-DWDM XENPAK 1548.51 nm	3.7.2 – DP 3.0
DWDM-XENPAK-50.12	10GBASE-DWDM XENPAK 1550.12 nm	3.7.2 – DP 3.0
DWDM-XENPAK-50.92	10GBASE-DWDM XENPAK 1550.92 nm	3.7.2 – DP 3.0
DWDM-XENPAK-51.72	10GBASE-DWDM XENPAK 1551.72 nm	3.7.2 – DP 3.0
DWDM-XENPAK-52.52	10GBASE-DWDM XENPAK 1552.52 nm	3.7.2 – DP 3.0
DWDM-XENPAK-54.13	10GBASE-DWDM XENPAK 1554.13 nm	3.7.2 – DP 3.0

Module Name	Module Description	ANA Version - Added in:
DWDM-XENPAK-54.94	10GBASE-DWDM XENPAK 1554.94 nm	3.7.2 – DP 3.0
DWDM-XENPAK-55.75	10GBASE-DWDM XENPAK 1555.75 nm	3.7.2 – DP 3.0
DWDM-XENPAK-56.55	10GBASE-DWDM XENPAK 1556.55 nm	3.7.2 – DP 3.0
DWDM-XENPAK-58.17	10GBASE-DWDM XENPAK 1558.17 nm	3.7.2 – DP 3.0
DWDM-XENPAK-58.98	10GBASE-DWDM XENPAK 1558.98 nm	3.7.2 – DP 3.0
DWDM-XENPAK-59.79	10GBASE-DWDM XENPAK 1559.79 nm	3.7.2 – DP 3.0
DWDM-XENPAK-60.61	10GBASE-DWDM XENPAK 1560.61 nm	3.7.2 – DP 3.0
CRS-FCC-SFC-140	Cisco CRS-3 Series Fabric Card Chassis Switch Fabric Card 140G	3.7.2/3.7.3 – DP 4.0
CRS-8-PRP-6G	Cisco CRS-1 Series 8 Slots 6 Gb Performance Route Processor	3.7.2/3.7.3 – DP 4.0
CRS-8-PRP-12G	Cisco CRS-1 Series 8 Slots 12 Gb Performance Route Processor	3.7.2/3.7.3 – DP 4.0
CRS-16-FC140	Cisco CRS Series 16 Slots Fabric Card (140G)	3.7.2/3.7.3 – DP 4.0
CRS-16-FC140/M	Cisco CRS Series 16 Slots Fabric Card / Multi (140G)	3.7.2/3.7.3 – DP 4.0
CRS-16-PRP-6G	Cisco CRS-1 Series 16 Slots 6 Gb Performance Route Processor	3.7.2/3.7.3 – DP 4.0
CRS-16-PRP-12G	Cisco CRS-1 Series 16 Slots 12 Gb Performance Route Processor	3.7.2/3.7.3 – DP 4.0
CRS-16-LCC-B	CRS 16 Slots Line Card Chassis for CRS-16/S-B	3.7.2/3.7.3 – DP 8.0
CRS-16-ALARM-B	CRS 16 Slots Alarm Board for CRS-16/S-B	3.7.2/3.7.3 – DP 8.0
CRS-16-PWRSH-AC	CRS 16 slots AC Power Shelf for CRS-16/S-B	3.7.2/3.7.3 – DP 8.0
CRS-16-PWRSH-DC	CRS 16 slots DC Power Shelf for CRS-16/S-B	3.7.2/3.7.3 – DP 8.0
CRS-16-FAN-CT	CRS 16 slots Fan Controller for CRS-16/S-B	3.7.2/3.7.3 – DP 8.0
CRS-16-FANTRAY	CRS 16 Slot Fan Tray for CRS-16/S-B	3.7.2/3.7.3 – DP 8.0
CRS-8-LCC-B	CRS-8 Line Card Chassis-enhanced for CRS-8/S-B	3.7.2/3.7.3 – DP 10.0
CRS-8-PSH-DC-B	CRS Modular AC Power Shelf for CRS-8/S-B	3.7.2/3.7.3 – DP 10.0

Module Name	Module Description	ANA Version - Added in:
CRS-8-PSH-AC-B	CRS Modular DC Power Shelf for CRS-8/S-B	3.7.2/3.7.3 – DP 10.0

- **Cisco CRS—Supported Technologies**

Technologies	ANA Version - Added in:
Channelization	3.7.2/3.7.3 – DP 6.0
Channelization APS Syslog Support	3.7.2/3.7.3 – DP 9.0
CRS-LSP	3.7.2/3.7.3 – DP 6.0
Reduced Polling Support for CRS 16 VE	3.7.2/3.7.3 – DP 13.0

Cisco ASR 901 Routers —Additional Support

- **Cisco ASR 901—Supported Network Elements**

NE Type	Product Name	SysOID	ANA Version - Added in:
A901-12C-F-D	Cisco ASR 901 Series Aggregation Services Router Chassis; Ethernet-only interfaces	1.3.6.1.4.1.9.1.1521	3.7.2/3.7.3 – DP 9.0
A901-12C-FT-D	Cisco ASR 901 Series Aggregation Services Router Chassis; Ethernet and TDM interfaces	1.3.6.1.4.1.9.1.1522	3.7.2/3.7.3 – DP 9.0

- **Cisco ASR 901—Supported Software Versions**

Software Version	ANA Version - Added in:
15.1(2)SNG	3.7.2/3.7.3 – DP 11.0
15.1(2)SNH	3.7.2/3.7.3 – DP 12.0

Cisco ASR 903 Series Routers —Additional Support

- **Cisco ASR 903—Supported Software Versions**

Software Version	ANA Version - Added in:
XE 3.6.0S	3.7.2/3.7.3 – DP 14.0

- **Cisco ASR 903—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
A900-IMA4OS	ASR 900 4-Port OC3/STM1 or 1-Port OC12/STM4 Interface Module	3.7.2/3.7.3 – DP 14.0
ONS-SI-155-SR-MM	OC-3/STM-1 SFP optics module, intermediate-reach, 1310 nm, multimode, industrial temperature, LC connector	3.7.2/3.7.3 – DP 14.0
ONS-SI-155-I1	OC-3/STM-1 SFP optics module, intermediate-reach, 1310 nm, single-mode, industrial temperature, LC connector	3.7.2/3.7.3 – DP 14.0
ONS-SI-155-L1	OC3 LR-1/STM1 L-1.1	3.7.2/3.7.3 – DP 14.0
ONS-SC-155-EL	SFP - STM-1 Electrical, standard coaxial (75 ohm) connector	3.7.2/3.7.3 – DP 14.0
ONS-SI-155-L2	OC-3/STM-1 SFP optics module, long-reach, 1550 nm, single-mode, industrial temperature, LC connector	3.7.2/3.7.3 – DP 14.0
DWDM-SFP-xxxx	Longwave 1530.33 nm laser (100-GHz ITU channel 59), single mode	3.7.2/3.7.3 – DP 14.0
SFP-OC3-MM	OC-3/STM-1 pluggable short-reach (2 km) transceiver module, 1310-nm wavelength, MMF, LC connector	3.7.2/3.7.3 – DP 14.0
CWDM-SFP-xxxx	Longwave 1610 nm laser, single mode	3.7.2/3.7.3 – DP 14.0
GLC-ZX-SMD	1000Base-ZX SFP Singlemode transceiver	3.7.2/3.7.3 – DP 14.0
GLC-SX-MMD	Cisco 1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, extended operating temperature range.	3.7.2/3.7.3 – DP 14.0

- **Cisco ASR 903— Supported Technologies**

Technology	ANA Version - Added in:
Backporting without MPLS-TP	3.7.2/3.7.3 – DP 13.0

Cisco ASR 1000 Series Routers —Additional Support

- **Cisco ASR 1000—Supported Software Versions**

Software Version	ANA Version - Added in:
XE 2.4.4	3.7.2 – DP 1.0 3.7.3 – base
XE 2.5.2	3.7.2 – DP 1.0 3.7.3 – base
XE 2.6.1	3.7.2 – DP 1.0 3.7.3 – base
XE 2.6.2	3.7.2 – DP 1.0 3.7.3 – base
XE 3.2.1S	3.7.2 – DP 1.0 3.7.3 – base
XE 3.1.3S	3.7.2 – DP 2.0 3.7.3 – base
XE 3.2.2S	3.7.2 – DP 3.0
XE 3.3.0S	3.7.2 – DP 3.0
XE 3.3.1S	3.7.2/3.7.3 – DP 5.0
XE 3.4.0S	3.7.2/3.7.3 – DP 6.0
XE 3.1.4S	3.7.2/3.7.3 – DP 6.0
XE 3.3.2S	3.7.2/3.7.3 – DP 8.0
XE 3.4.1S	3.7.2/3.7.3 – DP 9.0
XE 3.5.0S	3.7.2/3.7.3 – DP 10.0
XE 3.4.2S	3.7.2/3.7.3 – DP 11.0
XE 3.6.0S	3.7.2/3.7.3 – DP 14.0
XE 3.5.1	3.7.2/3.7.3 – DP 14.0

- **Cisco ASR 1000—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
SPA-1X10GE-WL-V2	Cisco 1-Port 10-Gigabit Ethernet LAN/WAN PHY Shared Port Adapter	3.7.2 – DP 3.0
SPA-1CHOC3-CE-ATM	Cisco 1-port Channelized OC3/STM-1 Circuit Emulation and ATM SPA	3.7.2 – DP 3.0
SPA-24CHT1-CE-ATM	24-port Channelized T1/E1/J1 ATM and Circuit Emulation SPA	3.7.2/3.7.3 – DP 7.0
SPA-2CHT3-CE-ATM	2-Port Channelized T3/E3 ATM CEoP SPA	3.7.2/3.7.3 – DP 7.0

- **Cisco ASR 1000—Supported Technologies**

Technologies	ANA Version - Added in:
MLPPP	3.7.2 – DP 1.0 3.7.3 – base
VASI interface support at IP interface level	3.7.2/3.7.3 – DP 10.0

Cisco ASR 5000 Series Routers —Additional Support

- **Cisco ASR 5000—Supported Network Elements**

NE Type	Product Name	SysOID	ANA Version - Added in:
ASR5000-CHS-SYS-K9	ASR-5000 Multimedia Core Platform Complete Chassis	1.3.6.1.4.1.8164	3.7.2/3.7.3 – DP 8.0

- **Cisco ASR 5000—Supported Software Versions**

Software Version	ANA Version - Added in:
StarOS 12.2	3.7.2/3.7.3 – DP 8.0
ASR5K-SW-R10-K9	3.7.2/3.7.3 – DP 8.0

- **Cisco ASR 5000—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
ASR5K-01100E-K9	FELC Ethernet 10/100 Line Card	3.7.2/3.7.3 – DP 8.0
ASR5K-0110G-MM-K9	ATM/POS OC-3 with Multi-Mode Fiber SFP	3.7.2/3.7.3 – DP 8.0
ASR5K-011GE-LX-K9	GELC Ethernet 1000 Line Card w/LX Single-Mode SFP	3.7.2/3.7.3 – DP 8.0
ASR5K-011GE-SX-K9	GELC Ethernet 1000 Line Card w/SX Multi-Mode Short Haul SFP	3.7.2/3.7.3 – DP 8.0
ASR5K-011GE-T-K9	GELC Ethernet 1000 Line Card w/Copper SFP	3.7.2/3.7.3 – DP 8.0
ASR5K-041GE-LX-K9	QGLC 4-Port Ethernet 1000 Line Card with LX SM SFP	3.7.2/3.7.3 – DP 8.0
ASR5K-041GE-SX-K9	QGLC 4-Port Ethernet 1000 Line Card with SX MM Short Haul SFP	3.7.2/3.7.3 – DP 8.0
ASR5K-041GE-T-K9	QGLC 4-Port Ethernet 1000 Line Card with copper SFP	3.7.2/3.7.3 – DP 8.0
ASR5K-PSC-32G-K9	Packet Services Card 32GB	3.7.2/3.7.3 – DP 8.0
ASR5K-RCC-K9	Redundancy crossbar	3.7.2/3.7.3 – DP 8.0
ASR5K-SMC-K9	System Management Card	3.7.2/3.7.3 – DP 8.0
ASR5K-SPIO-3PN-K9	Switch Processor Input/Output Switch Processor I/O, 3-Pin BITS	3.7.2/3.7.3 – DP 8.0
ASR5K-SPIO-BNC-K9	Switch Processor Input/Output Switch Processor I/O, BNC BITS with Stratum 3 module	3.7.2/3.7.3 – DP 8.0

Cisco ASR 9000 Series Routers —Additional Support

- **Cisco ASR 9000—Supported Software Versions**

Software Version	ANA Version - Added in:
XR 4.0.3	3.7.2/3.7.3 – DP 4.0
XR 4.1.0	3.7.2/3.7.3 – DP 4.0
XR 4.1.1	3.7.2/3.7.3 – DP 6.0
XR 4.1.2	3.7.2/3.7.3 – DP 10.0
XR 4.2.0	3.7.2/3.7.3 – DP 11.0

- **Cisco ASR 9000—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
ASR-ISM-100	ASR9K Advanced Video Streaming Module	3.7.2/3.7.3 – DP 4.0
SPF-10-SR	10GBASE-SR 850 nm MMF	3.7.2 – DP 3.0
SPF-10G-LR	10GBASE-LR 1310 nm SMF	3.7.2 – DP 3.0
SPA-4XCT3/DS0	Cisco 4-Port Channelized T3 (DS0) Shared Port Adapter	3.7.2 – DP 3.0
SPA-8XCHT1/E1	Cisco 8-Port Channelized T1/E1 Shared Port Adapter	3.7.2 – DP 3.0
A9K-SAM-2TB	Cisco ASR 9000 Series 2TB Flash Storage Service Acceleration Module	3.7.2/3.7.3 – DP 6.0
A9K-RSP440-SE	Route Switch Processor 440 G bandwidth optimized for service edge	3.7.2/3.7.3 – DP 11.0
A9K-24X10GE-SE	Cisco ASR 9000 24-Port 10 GE Service Edge Optimized Line Card, Requires SFP+ optics	3.7.2/3.7.3 – DP 11.0
A9K-RSP440-TR	Route Switch Processor 440 G bandwidth optimized for packet transport	3.7.2/3.7.3 – DP 11.0
SPA-1XOC3-ATM-V2	1-port OC3c SFP Optics ATM Shared Port Adapter	3.7.2/3.7.3 – DP 11.0
SPA-1CHOC3-CE-ATM	1-port Channelized OC3/STM-1 ATM & Circuit Emulation SP	3.7.2/3.7.3 – DP 11.0
SPA-1XOC12-ATM-V2	1-port OC12c SFP Optics ATM Shared Port Adapter	3.7.2/3.7.3 – DP 11.0
SPA-3XOC3-ATM-V2	3-port OC3c SFP Optics ATM Shared Port Adapter	3.7.2/3.7.3 – DP 11.0
A9K-24X10GE-TR	Cisco ASR 9000 24-Port 10 GE Packet Transport Optimized Line Card, Requires SFP+ optics	3.7.2/3.7.3 – DP 11.0
XFP-10GLR-OC192SR	Cisco 10 Gigabit Ethernet LR (10 km) Optics	3.7.2/3.7.3 – DP 11.0

- **Cisco ASR 9000—Supported Technologies**

Technologies	ANA Version - Added in:
Channelization support	3.7.2/3.7.3 – DP 6.0

Cisco uBR 1000 Series Routers —Additional Support

- **Cisco uBR 1000—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2SBC	3.7.2/3.7.3 - DP 10.0

New Support for Cisco Switches

The following new support is available for Cisco switches.

Cisco ME 3400/3400E Series Ethernet Access Switches—Additional Support

- **Cisco ME 3400/3400E—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(58)SE	3.7.2 – DP 3.0
12.2(58)SE1	3.7.2/3.7.3 – DP 6.0
12.2(58)SE2	3.7.2/3.7.3 – DP 7.0

Cisco ME 3600X Series Ethernet Access Switches—Additional Support

- **Cisco ME 3600X—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(52)EY1	3.7.2 – DP 3.0
12.2(52)EY2	3.7.2/3.7.3 – DP 4.0
15.1(2)EY	3.7.2/3.7.3 – DP 6.0
12.2(52)EY3	3.7.2/3.7.3 – DP 9.0
15.1(2)EY1	3.7.2/3.7.3 – DP 10.0

- **Cisco ME 3600X—Supported Technologies**

Technology	ANA Version - Added in:
VPLS	3.7.2/3.7.3 – DP 10.0

Technology	ANA Version - Added in:
EoMPLS	3.7.2/3.7.3 – DP 10.0

Cisco ME 3800X Series Ethernet Access Switches—Additional Support

- **Cisco ME 3800X—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(52)EY1	3.7.2 – DP 3.0
12.2(52)EY2	3.7.2/3.7.3 – DP 4.0
15.1(2)EY	3.7.2/3.7.3 – DP 6.0
12.2(52)EY3	3.7.2/3.7.3 – DP 9.0
15.1(2)EY1	3.7.2/3.7.3 – DP 10.0
15.1T	3.7.2/3.7.3 – DP 13.0

- **Cisco ME 3800X—Supported Technologies**

Technology	ANA Version - Added in:
VPLS	3.7.2/3.7.3 – DP 10.0
EoMPLS	3.7.2/3.7.3 – DP 10.0

Cisco Catalyst 3750 Metro Series Switches—Additional Support

- **Cisco Catalyst 3750 Metro—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(58)SE	3.7.2 – DP 3.0
12.2(58)SE1	3.7.2/3.7.3 – DP 6.0

- **Cisco Catalyst 3750 Metro—Supported Technologies**

Technology	ANA Version - Added in:
ISIS	3.7.2/3.7.3/DP 10.0

Cisco Catalyst 4500/4500E Switches —Additional Support

- **Cisco Catalyst 4500/4500E—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(5)SG3	3.7.2 – DP 1.0 3.7.3 – base
12.2(53)SG4	3.7.2 – DP 2.0 3.7.3 – base
15.0(2)SG	3.7.2/3.7.3 – DP 4.0
XE 3.2.0SG	3.7.2/3.7.3 – DP 4.0

- **Cisco Catalyst 4500/4500E—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
4507R+E	Cisco Catalyst 4507R+E Chassis	3.7.2/3.7.3 – DP 4.0
4510R+E	Cisco Catalyst 4510R+E Chassis	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1470	Cisco CWDM SFP 1470 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1490	Cisco CWDM SFP 1490 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1510	Cisco CWDM SFP 1510 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1530	Cisco CWDM SFP 1530 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1550	Cisco CWDM SFP 1550 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1570	Cisco CWDM SFP 1570 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1590	Cisco CWDM SFP 1590 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1610	Cisco CWDM SFP 1610 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-6061	1000BASE-DWDM 1560.61 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5979	1000BASE-DWDM 1559.79 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0

Module Name	Module Description	ANA Version - Added in:
DWDM-SFP-5898	1000BASE-DWDM 1558.98 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5817	1000BASE-DWDM 1558.17 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5655	1000BASE-DWDM 1556.55 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5575	1000BASE-DWDM 1555.75 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5494	1000BASE-DWDM 1554.94 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5413	1000BASE-DWDM 1554.13 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5252	1000BASE-DWDM 1552.52 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5172	1000BASE-DWDM 1551.72 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5092	1000BASE-DWDM 1550.92 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5012	1000BASE-DWDM 1550.12 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4851	1000BASE-DWDM 1548.51 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4772	1000BASE-DWDM 1547.72 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4692	1000BASE-DWDM 1546.92 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4612	1000BASE-DWDM 1546.12 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4453	1000BASE-DWDM 1544.53 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4373	1000BASE-DWDM 1543.73 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4294	1000BASE-DWDM 1542.94 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4214	1000BASE-DWDM 1542.14 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4056	1000BASE-DWDM 1540.56 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0

Module Name	Module Description	ANA Version - Added in:
DWDM-SFP-3977	1000BASE-DWDM 1539.77 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3898	1000BASE-DWDM 1538.98 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3819	1000BASE-DWDM 1538.19 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3661	1000BASE-DWDM 1536.61 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3582	1000BASE-DWDM 1535.82 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3504	1000BASE-DWDM 1535.04 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3425	1000BASE-DWDM 1534.25 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3268	1000BASE-DWDM 1532.68 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3190	1000BASE-DWDM 1531.90 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3112	1000BASE-DWDM 1531.12 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3033	1000BASE-DWDM 1530.33 nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3346	DWDM SFP 1533.47 nm SFP (100 GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-3739	DWDM SFP 1537.40 nm SFP (100 GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4134	DWDM SFP 1541.35 nm SFP (100 GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4532	DWDM SFP 1545.32 nm SFP (100 GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-4931	DWDM SFP 1549.32 nm SFP (100 GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5332	DWDM SFP 1553.33 nm SFP (100 GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-5736	DWDM SFP 1557.36 nm SFP (100 GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
DWDM-SFP-6141	DWDM SFP 1561.42 nm SFP (100 GHz ITU grid)	3.7.2/3.7.3 – DP 4.0
GLC-T	Cisco Catalyst 4500 Series GLC-T Connector	3.7.2/3.7.3 – DP 4.0
WS-X45-SUP7-E	Cisco Catalyst 4500 Series SUP7-E card	3.7.2/3.7.3 – DP 4.0
WS-X4612-SFP-E	Cisco Catalyst 4500 Series WS-X4612-SFP-E Line card	3.7.2/3.7.3 – DP 4.0
WS-X4640-CSFP-E	Cisco Catalyst 4500 Series WS-X4640-CSFP-E Line card	3.7.2/3.7.3 – DP 4.0

Module Name	Module Description	ANA Version - Added in:
WS-X4712-SFP+E	Cisco Catalyst 4500 Series WS-X4712-SFP+E Line card	3.7.2/3.7.3 – DP 4.0

Cisco Catalyst 4900 Switches — Additional Support

- **Cisco Catalyst 4900—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(5)SG3	3.7.2 – DP 1.0 3.7.3 – base
12.2(53)SG4	3.7.2 – DP 2.0 3.7.3 – base
15.0(2)SG	3.7.2/3.7.3 – DP 4.0

- **Cisco Catalyst 4900—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
CWDM-SFP-1470	Cisco CWDM SFP 1470 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1490	Cisco CWDM SFP 1490 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1510	Cisco CWDM SFP 1510 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1530	Cisco CWDM SFP 1530 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1550	Cisco CWDM SFP 1550 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1570	Cisco CWDM SFP 1570 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1590	Cisco CWDM SFP 1590 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
CWDM-SFP-1610	Cisco CWDM SFP 1610 nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 4.0
WS-C4948E-F	Cisco Catalyst 4948E-F chassis	3.7.2/3.7.3 – DP 4.0
WS-X45-SUP7-E	Cisco Catalyst 4500 Series SUP7-E card	3.7.2/3.7.3 – DP 4.0

Module Name	Module Description	ANA Version - Added in:
WS-X4612-SFP-E	Cisco Catalyst 4900 Series WS-X4612-SFP-E Line card	3.7.2/3.7.3 – DP 4.0
WS-X4640-CSFP-E	Cisco Catalyst 4900 Series WS-X4640-CSFP-E Line card	3.7.2/3.7.3 – DP 4.0
WS-X4712-SFP+E	Cisco Catalyst 4900 Series WS-X4712-SFP+E Line card	3.7.2/3.7.3 – DP 4.0
WS-X4908-10G-RJ45	Cisco Catalyst 4900 Series WS-X4908-10G-RJ45 Line card	3.7.2/3.7.3 – DP 4.0

Cisco Catalyst 6500 Switches —Additional Support

- **Cisco Catalyst 6500—Supported Network Elements**

NE Type	Product Name	SysOID	ANA Version - Added in:
6509-V-E	Cisco Catalyst 6509 Enhanced Vertical Chassis	1.3.6.1.4.1.9.1.832	3.7.2/3.7.3 – DP 10.0

- **Cisco Catalyst 6500—Supported Software Versions**

Software Version	ANA Version - Added in:
12.2(18)SXF12a	3.7.2 – DP 3.0
12.2(18)SXF13	3.7.2 – DP 3.0
12.2(18)SXF14	3.7.2 – DP 3.0
12.2(18)SXF15	3.7.2 – DP 3.0
12.2(18)SXF15a	3.7.2 – DP 3.0
12.2(18)SXF16	3.7.2 – DP 3.0
12.2(18)SXF17	3.7.2 – DP 3.0
12.2(18)SXF17a	3.7.2 – DP 3.0
12.2(33)SXH3	3.7.2 – DP 3.0
12.2(33)SXH3a	3.7.2 – DP 3.0
12.2(33)SXH4	3.7.2 – DP 3.0
12.2(33)SXH5	3.7.2 – DP 3.0
12.2(33)SXH6	3.7.2 – DP 3.0
12.2(33)SXH7	3.7.2 – DP 3.0

Software Version	ANA Version - Added in:
12.2(33)SXH8	3.7.2 – DP 3.0
12.2(33)SXI1	3.7.2 – DP 3.0
12.2(33)SXI2a	3.7.2 – DP 3.0
12.2(33)SXI3	3.7.2 – DP 3.0
12.2(33)SXI4	3.7.2 – DP 3.0
12.2(33)SXI4a	3.7.2 – DP 3.0
12.2(33)SXI5	3.7.2 – DP 3.0
12.2(33)SX16	3.7.2/3.7.3 – DP 7.0
12.2(50)SY	3.7.2/3.7.3 – DP 7.0

- **Cisco Catalyst 6500—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
WS-C6513-E	Cisco Catalyst 6513 Enhanced Chassis	3.7.2/3.7.3 – DP 7.0
VS-S2T-10G-XL	Cisco Catalyst 6500 Series Supervisor Engine 2T XL	3.7.2/3.7.3 – DP 7.0
WS-X6908-10G-2TXL	Cisco Catalyst 6900 Series 8-Port 10 Gigabit Ethernet Fiber Module with DFC4XL	3.7.2/3.7.3 – DP 7.0
WS-C6513-E-FAN	Cisco Catalyst 6513 Enhanced Chassis Fan Tray	3.7.2/3.7.3 – DP 7.0
WS-SVC-WISM-1-K9	Cisco Wireless Services Module with support for up to 300 Cisco Aironet access points	3.7.2/3.7.3 – DP 8.0
WS-SVC-NAM-2-250S	Network Analysis Module-2	3.7.2/3.7.3 – DP 8.0

Cisco ME 6500 Series Ethernet Switches —Additional Support

- **Cisco ME 6500—Supported Technologies**

Technology	ANA Version - Added in:
ISIS	3.7.2/3.7.3 – DP 10.0

Cisco Nexus 1000 Series Switches —Additional Support

- Cisco Nexus 1000—Supported Network Elements

NE Type	Product Name	SysOID	ANA Version - Added in:
N1000v	Cisco Nexus 1000v	1.3.6.1.4.1.9.12.3.1.3.840	3.7.2/3.7.3 – DP 9.0

- Cisco Nexus 1000—Supported Software Versions

Software Version	ANA Version - Added in:
4.2(1)SV1(5.1)	3.7.2/3.7.3 – DP 9.0

Cisco Nexus 5000 Series Switches —Additional Support

- Cisco Nexus 5000—Supported Network Elements

NE Type	Product Name	SysOID	ANA Version - Added in:
N5K-5010P-BF	N5000 1RU Chassis no PS 2 Fan Modules 20 ports (req SFP+)	1.3.6.1.4.1.9.12.3.1.3.798	3.7.2/3.7.3 – DP 8.0

- Cisco Nexus 5000—Supported Software Versions

Software Version	ANA Version - Added in:
5.0(2)N1(1)	3.7.2/3.7.3 – DP 8.0
5.0(2)N2(1)	3.7.2/3.7.3 – DP 8.0

- Cisco Nexus 5000—Supported Modules

Module Name	Module Description	ANA Version - Added in:
N5K-PAC-550W	Cisco Nexus 5010 PSU module, A/C, 100-240V, 550W	3.7.2/3.7.3 – DP 8.0
N5K-C5010-FAN	Cisco Nexus 5010 Fan Module, Spare	3.7.2/3.7.3 – DP 8.0

Cisco Nexus 7000 Series Switches —Additional Support

- **Cisco Nexus 7000—Supported Software Versions**

Software Version	ANA Version - Added in:
NX-OS 5.0(5)	3.7.2 – DP 1.0 3.7.3 – base
NX-OS 5.1(1)	3.7.2 – DP 1.0 3.7.3 – base
NX-OS 4.2(6)	3.7.2 – DP 3.0
NX-OS 4.2(8)	3.7.2/3.7.3 – DP 4.0
NX-OS 5.1(1a)	3.7.2 – DP 3.0
NX-OS 5.1(3)	3.7.2 – DP 3.0
NX-OS 5.2(x)	3.7.2/3.7.3 – DP 6.0
NX-OS 6.0(x)	3.7.2/3.7.3 – DP 11.0

- **Cisco Nexus 7000—Supported Modules**

Module Name	Module Description	ANA Version - Added in:
N7K-F132XP-15	32 Port 1G/10G Ethernet Module, SFP/SFP+ (and spare)	3.7.2 – DP 1.0 3.7.3 – base
SFP-10G-LR	Cisco 10GBASE-LR SFP+ Module for SMF	3.7.2 – DP 1.0 3.7.3 – base
SFP-10G-SR	Cisco 10GBASE-SR SFP+ Module for MMF	3.7.2 – DP 1.0 3.7.3 – base
N7K-C7010-FAN-F	Cisco Nexus 7000 10 Slot Fabric Fan	3.7.2/3.7.3 – DP 4.0
N7K-C7010-FAN-S	Cisco Nexus 7000 10 Slot System Fan	3.7.2/3.7.3 – DP 4.0
GLC-T	Cisco 1000BASE-T SFP transceiver module for Category 5 copper wire, RJ-45 connector	3.7.2/3.7.3 – DP 5.0
FET-10G	Cisco 1000BASE-T SFP, Extended Temperature Range	3.7.2/3.7.3 – DP 5.0
SFP-GE-L	Cisco 1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector	3.7.2/3.7.3 – DP 5.0

Module Name	Module Description	ANA Version - Added in:
GLC-SX-MM	Cisco 1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, industrial Ethernet, dual LC/PC connector	3.7.2/3.7.3 – DP 5.0
SFP-10G-LRM	Cisco 10GBASE-LRM SFP+ transceiver module for MMF and SMF, 1310-nm wavelength, LC duplex connector	3.7.2/3.7.3 – DP 5.0
SFP-GE-T	Cisco 1000BASE-T NEBS 3 ESD	3.7.2/3.7.3 – DP 5.0
CWDM-SFP-xxxx	Cisco CWDM SFP xxxx nm; Gigabit Ethernet and 1G/2G FC	3.7.2/3.7.3 – DP 5.0
DWDM-SFP-xyyy	Cisco 1000BASE-DWDM 15xx.yy nm SFP (100-GHz ITU grid)	3.7.2/3.7.3 – DP 5.0
GLC-LH-SM	Class 1 laser of 1300 nm for 1000BASE-LX/LH (long wavelength) applications	3.7.2/3.7.3 – DP 5.0
N2K-C2248-FAN	N2K-C2248 Series FEX Fan Module	3.7.2/3.7.3 – DP 5.0
SFP-GE-S	Cisco 1000BASE-SX (SFP-GE-S) multimode, compliant with IEEE 802.3z specifications	3.7.2/3.7.3 – DP 5.0
GLC-ZX-SM	Class 1 laser of 1550 nm for 1000BASE-ZX (extended wavelength) applications.	3.7.2/3.7.3 – DP 5.0
N2K-C2248TP-1GE	Cisco Nexus 2000 Series 1GE Fabric Extender, 2 AC PS, 1 Fan Module (Standard Airflow), 48x100/1000Base-T + 4x10GE (req SFP+), same as N2K-C2248TP	3.7.2/3.7.3 – DP 9.0

- **Cisco Nexus 7000—Supported Technologies**

Technologies	ANA Version - Added in:
BGP Syslog (Ticketable)	3.7.2/3.7.3 – DP 7.0

- **Cisco Nexus 7000—Supported Events**

Events	ANA Version/Added in:
cross-bar-fabric insert, cross-bar-fabric remove	3.7.2/3.7.3 – DP 10.0
FAN_DETECT, FAN_REMOVED	3.7.2/3.7.3 – DP 10.0
linecard insert, linecard remove	3.7.2/3.7.3 – DP 10.0
PS_FOUND, PS_REMOVE	3.7.2/3.7.3 – DP 10.0

New Support for Event-Based Polling (Reduced Polling)

Support for event-based polling (also called reduced polling) is available for the following devices.

Device Series	ANA Version - Added in:
1900	3.7.2/3.7.3 – DP 5.0
2900	3.7.2/3.7.3 – DP 5.0
3900	3.7.2/3.7.3 – DP 5.0
7200	3.7.2 – DP 2.0 3.7.3 – base
7600	3.7.2 and 3.7.3 – base releases
10000	3.7.2 – DP 2.0 3.7.3 – base
XR 12000	3.7.2 – DP 2.0 3.7.3 – base
CRS-1	3.7.2 and 3.7.3 – base releases
ASR 1000	3.7.2 – DP 1.0 3.7.3 – base
ASR 9000	3.7.2 and 3.7.3 – base releases
MWR 2900	3.7.2 – DP 1.0 3.7.3 – base
ME 3400/3400E	3.7.2 – DP 3.0
ME3600X/3800X	3.7.2 – DP 1.0 3.7.3 – base
ME 3750	3.7.2 – DP 3.0
4500	3.7.2/3.7.3 – DP 5.0
4900	3.7.2/3.7.3 – DP 5.0
Nexus 5000	3.7.2 – DP 3.0
Nexus 7000	3.7.2/3.7.3 – DP 9.0
Cat 6500 IOS	3.7.2/3.7.3 – DP 5.0
UBR 10000	3.7.2/3.7.3 – DP 6.0
Nexus 1000v	3.7.2/3.7.3 – DP 11.0
CRS 16 VE	3.7.2 / ANA 3.7.3 – DP 13.0

New Support for Cisco ANA Configuration and Image Management

Support for Cisco ANA Configuration and Image Management is available for the following devices.

Device Series	Software Release	Software Version	Functionality Supported	ANA Version - Added in:
MWR 2900	IOS	15.1(1)MR	Full support for all features	3.7.2/3.7.3 – DP 7.0
4500	IOS	15.0(2)SG XE 3.2.0SG	Full support for all features	3.7.2/3.7.3 – DP 8.0
4900	IOS	15.0(2)SG	Full support for all features	3.7.2/3.7.3 – DP 8.0
ACE 4700	ACE 4700 Software A1(x)	ACE 4700 Software A1(7b)	Configuration Management: Backup of running and startup configs	3.7.2 – DP 1.0 3.7.3 – base
ASA 5500	ASA 5500 Software 8.0(x)	ASA 5500 Software 8.0(3)	Restore of running and startup configs Network Element Image Management: Distribute image	3.7.2 – DP 1.0 3.7.3 – base
ASA 5800	ASA 5580 Software 8.1(1)	ASA 5580 Software 8.1(1)	Distribute and activate image Verify image	3.7.2 – DP 1.0 3.7.3 – base
6500	IOS	12.2(50)SY	Full support for all features	3.7.2/3.7.3 – DP 7.0
7200	IOS	15.1(3)S	Full support for all features	3.7.2/3.7.3 – DP 7.0
7300	IOS	15.0(1)M 15.1(3)S	Full support for all features	3.7.2/3.7.3 – DP 7.0
7600	IOS	15.1(2)S2	Full support for all features	3.7.2/3.7.3 – DP 7.0
7600	IOS	15.1(3)S	Configuration Management: Backup of running and startup configs Restore of running and startup configs. Network Element Image Management: Distribute image	3.7.2/3.7.3 – DP 6.0
			Full support for all features	3.7.2/3.7.3 – DP 7.0
ASR 1000	XE 3.4.0S	XE 3.4.0S	Configuration Management: Backup of running and startup configs Restore of running and startup configs Network Element Image Management: Distribute image Distribute and activate image Verify image	3.7.2/3.7.3 – DP 6.0

New Support for Independent VNE Drivers and Device Packages

Support for updates using the Device Package mechanism (available from the Independent VNE Driver page on the Cisco ANA Software Download site) is available for the following devices.

Device Series	ANA Version - Added in:
4500	3.7.2/3.7.3 – DP 5.0
4900	3.7.2/3.7.3 – DP 5.0
7200	3.7.2 – DP 2.0 3.7.3 – base
ASA 5500	3.7.2/3.7.3 – DP 5.0
Cisco 10000	3.7.2 – DP 1.0 3.7.3 – base
Cisco 7000	3.7.2 – DP 1.0 3.7.3 – base
Cisco ME 3400/3400E	3.7.2 – DP 3.0
Cisco ME 3600X/ME3800X	3.7.2 – DP 1.0 3.7.3 – base
Cisco ME 3750	3.7.2 – DP 3.0
GSR XR	3.7.2 – DP 2.0 3.7.3 – base
ISR 1900	3.7.2/3.7.3 – DP 5.0
ISR 2900	3.7.2/3.7.3 – DP 5.0
MWR 2900	3.7.2 – DP 1.0 3.7.3 – base