Release Notes for Cisco Plug and Play Connect, Release 1.0x

First Published: 2017-4-17

Last Updated: 2019-12-10

These release notes apply to the following software releases of Cisco Plug and Play Connect:

- June 2018 Release
- July 2017 Release
- General Availability Release 1.0

These release notes contain the following sections:

Introduction

The Cisco Plug and Play Connect cloud service works with your Smart Account and the Cisco Plug and Play solution to provide automatic plug and play server discovery when other methods such as DHCP or DNS are not available. A Cisco network device contacts the Plug and Play Connect cloud service to obtain the IP address of the appropriate plug and play server that is defined for your organization. The Plug and Play Connect web portal is linked to Cisco Commerce Workspace (CCW), facilitating automatic registration of the serial numbers and PIDs of purchased devices in Plug and Play Connect, and these can then be synced to Plug and Play in the Cisco DNA Center or APIC-EM controller. For more information, see the Plug and Play Connect website:
http://www.cisco.com/c/en/us/buy/smart-accounts/plug-play-connect.html

Cisco Plug and Play Connect requires a Smart Account during device procurement. Simply assign a Smart Account when you order eligible products with Cisco Plug and Play in CCW.

What's New in June 2018 Release

The Cisco Plug and Play Connect cloud service integrates with Cisco DNA Center 1.2 and later.

The beta feature that previously allowed you to optionally associate a device with a configuration or configuration template has been removed.

What’s New in July 2017 Release

Users with Virtual Account Admin and Virtual Account User roles have access to all of the Cisco Plug and Play Connect cloud service functionality. Previously, only Smart Account Admins had access.

Note: The Click to Accept agreement can be accepted only by users with the Smart Account Admin role.

Supported Platforms and Software Requirements

The following tables list Cisco routers, switches, wireless access points, NFVIS platforms, and minimum software releases that support Cisco Plug and Play Connect.

Table 1 Supported Cisco Switches

Platform	Models	Software Release (Minimum Supported)
Cisco Catalyst 2960 Series Switches	2960-C 2960-Plus 2960-S 2960-SF 2960-X 2960-XR	15.2(4)E6
	2960-CX[1]	15.2(4)E6
	2960-L	15.2(5)E2
Cisco Catalyst 3560 Series Switches	3560-C 3560-X	15.2(4)E6
	3560-CX[1]	15.2(4)E6
Cisco Catalyst 3650 SeriesSwitches	3650	16.6.1
Cisco Catalyst 3750-X Series Switches	3750X	15.2(4)E6
Cisco Catalyst 3850 Series Switches	3850	16.6.1
Cisco Catalyst 4500 Series Switches	Supervisor 7-E/7L-E Supervisor 8-E/8L-E Supervisor 9-E	3.6.7E, 3.8.5E, 3.9.2E
Cisco Catalyst 4500-X Series Switches	4500X	3.6.7E, 3.8.5E, 3.9.2E
Cisco Catalyst 4900 Series Switches	4900M 4948E	15.2(4)E6
Cisco Catalyst 6500 Series Switches	Supervisor 2T Supervisor 6T	15.5(1)SY2
Cisco Catalyst 6800 Series Switches	6807-XL 6824-X-LE 6832-X-LE 6840-X 6880-X	15.5(1)SY2
Cisco Catalyst 9200 Series Switches	9200	16.9.1
Cisco Catalyst 9300 Series Switches	9300	16.6.1
Cisco Catalyst 9400 Series Switches	9400	16.6.1

Table 1 Supported Cisco Switches (continued)

Platform	Models	Software Release (Minimum Supported)
Cisco Catalyst 9500 Series Switches	9500	16.6.1
Cisco Catalyst Digital Building Series Switches	CDB-8	15.2.6E
Cisco Industrial Ethernet 2000 Series Switches	IE2000	15.2(5)E2
Cisco Industrial Ethernet 3000 Series Switches	IE3000	15.2(5)E2
Cisco Industrial Ethernet 4000 Series Switches	IE4000	15.2(5)E2
Cisco Industrial Ethernet 5000 Series Switches	IE5000	15.2(5)E2

[1] Limited feature support: Trustpool support for devices with smaller NVRAM space is only by using the DHCP options T and Z.

Table 2 Supported Cisco Routers

Platform	Models	Software Release (Minimum Supported)
Cisco 800 Series Industrial Integrated Services Routers	807 809 829	15.7.3M1
Cisco 800 Series Integrated Services Routers	819 866 867 881 886 887 888 891 892 896 897 898 899	15.5.3M1
Cisco 1000 Series Connected Grid Routers	1120 1240	15.7.3M1
Cisco 1100 Series Integrated Services Routers	1101 1109	16.8.1
	1111 1116 1117	16.6.2
	1112 1113	16.7.1
Cisco 1900 Series Integrated Services Routers	1905 1921 1941	15.5.3M1
Cisco 2900 Series Integrated Services Routers	2901 2911 2921 2951	15.5.3M1
Cisco 3900 Series Integrated Services Routers	3925 3925E 3945 3945E	15.5.3M1

Table 2 Supported Cisco Routers (continued)

Platform	Models	Software Release (Minimum Supported)
Cisco 4000 Series Integrated Services Routers	4221 4321 4331 4351 4431 4451-X	16.4.2
Cisco ASR 1000 Series Aggregation Services Routers	ASR1001-X ASR1001-HX ASR1002-X ASR1002-HX ASR1004 ASR1006 ASR1006-X ASR1009-X ASR1013	16.4.1
Cisco Cloud Services Router	CSR 1000V[1]	16.4.1

[1] The CSR 1000v router supports Plug and Play discovery only on an ISO deployment, not when deployed with an OVA.

Table 3 Supported Cisco Wireless Access Points

Platform	Models	Software Release (Minimum Supported)
Cisco Aironet 1500 Series	1542 1562	8.5.140.0
Cisco Aironet 1800 Series	OEAP1810 1810w 1815i 1815m 1815t 1815w 1830i 1832i 1852e 1852i	8.5.140.0
Cisco Aironet 2800 Series	2802e 2802h 2802i	8.5.140.0
Cisco Aironet 3800 Series	3802e 3802i 3802p	8.5.140.0
Cisco Aironet 4800 Series	4800i	8.7.106.0

Table 4 Supported NFVIS Platforms

Platform	Models	Software Release (Minimum Supported)
Cisco ENCS	ENCS5104/K9	3.6.2
	ENCS5406/K9 ENCS5408/K9 ENCS5412/K9	3.5.1
Cisco UCS-C Series	UCSC-C220-M4S	3.5.1
Cisco UCS-E Series	UCS-E180D-M2/K9 UCS-E160S-M3/K9 UCS-E160D-M2/K9 UCS-E140S-M2/K9	3.5.1
	UCS-E180D-M3/K9 UCS-E1120D-M3/K9	3.6.1

Note: Only official software releases obtained from the Cisco.com software download website are supported for image deployment. Engineering builds are not supported.

Enhanced Capabilities with Cisco IOS XE Everest 16.5.1

For Cisco network devices running Cisco IOS XE Everest 16.5.1 or later, Plug and Play Connect can take advantage of additional capabilities built into the Plug and Play IOS Agent in the device, as follows:

- Support for standard and non-standard HTTP/HTTPS ports. Earlier releases support only the standard ports of 80/443.

- Support for certificate installation to initialize an HTTPS connection to an on-premises APIC-EM controller. Earlier releases do not support certificate installation.
- Support for both primary and secondary controllers in the PNP profile for redundancy (designed for Network Services Orchestrator). Earlier releases support only a primary controller.
- Network devices contact the Plug and Play Connect service every 10 minutes to get controller information. Network devices with earlier releases contact the Plug and Play Connect service every 3 minutes.

Redirecting a Device That Has Been Assigned a Loopback Profile

If a device in the Plug and Play Connect portal is not associated with any controller profile or configuration within 24 hours of its first contact with the portal, the device is deemed as not intended for using Plug and Play Connect and is assigned a loopback profile (127.0.0.1) by the portal.

If you want to redirect this device to a controller later, follow these steps:

1. Define a controller profile in the Plug and Play Connect portal.
2. Associate the device with that controller profile.
3. Reset the device to a factory default state.
4. Reload the device to cause it to recontact the Plug and Play Connect portal, where it will be redirected to the specified controller. Note that the reload is included in the reset procedures linked in Step 3.

Related Documentation

Cisco DNA Center Controller

- Plug and Play Connect website—Documentation for Plug and Play Connect.
- Release Notes for Cisco DNA Center—Release Notes for Cisco DNA Center.
- Cisco DNA Center User Guide (Release 1.2 and later)—For Release 1.2.8 and later, see the “Provision Your Network” chapter for information on how to use Plug and Play in Cisco DNA Center to onboard devices. For Releases 1.2 through 1.2.7, see the “Network Plug and Play” chapter.
- Other Cisco DNA Center documentation—For all other Cisco DNA Center documentation.

APIC-EM Controller

- Release Notes for Cisco Network Plug and Play—Release Notes for Cisco Network Plug and Play on APIC-EM.
- Solution Guide for Cisco Network Plug and Play—Solution Guide for the Cisco Network Plug and Play solution on APIC-EM.
- Configuration Guide for Cisco Network Plug and Play on Cisco APIC-EM—Describes how to use the Network Plug and Play application in the APIC-EM to configure Cisco network devices.
- Cisco Open Plug-n-Play Agent Configuration Guide—Describes how to configure the Cisco Open Plug-n-Play Agent software application that runs on a Cisco IOS or IOS-XE device.
- Cisco Application Policy Infrastructure Controller Enterprise Module Deployment Guide—Describes how to deploy and troubleshoot the Cisco APIC-EM controller.
- Cisco Application Policy Infrastructure Controller Enterprise Module Configuration Guide—Describes how to configure settings for the Cisco APIC-EM controller.

- Release Notes for the Cisco Application Policy Infrastructure Controller Enterprise Module—Release Notes for the Cisco APIC-EM.
- Release Notes for Cisco Intelligent Wide Area Network Application (Cisco IWAN App)—Release Notes for Cisco IWAN.
- Software Configuration Guide for Cisco IWAN on APIC-EM—Configuration Guide for Cisco IWAN.
- Open Source Used In Cisco Plug and Play Connect—List of open source code used in the Cisco Plug and Play Connect cloud portal.

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at Cisco Profile Manager.
- To get the business impact you're looking for with the technologies that matter, visit Cisco Services.
- To submit a service request, visit Cisco Support.
- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit Cisco Marketplace.
- To obtain general networking, training, and certification titles, visit Cisco Press.
- To find warranty information for a specific product or product family, access Cisco Warranty Finder.

Cisco Bug Search Tool

Cisco Bug Search Tool (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.

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