Cisco Nexus 3000 Series NX-OS Release Notes, Release 5.0(3)U5(1d)

Release Date: April 11, 2013
Part Number: OL-28183-05 C0
Current Release: Cisco NX-OS Release 5.0(3)U5(1d)

This document describes the features, caveats, and limitations for Cisco Nexus 3000 Series switches. Use this document in combination with documents listed in the "Obtaining Documentation and Submitting a Service Request" section on page 14.

Note Table 1-1 shows the online change history for this document.

Table 1-1 Online History Change

Part Number	Revision	Date	Description
OL-28183-05	A0	March 12, 2013	Created NX-OS Release 5.0(3)U5(1d) release notes.
	B0	April 11, 2013	Added CSCug20643 to the Open Caveats list.
	C0	September 18, 2013	Updated resolved caveat CSCuh79034.

Contents

This document includes the following sections:

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Introduction

The Cisco NX-OS software is a data center-class operating system built with modularity, resiliency, and serviceability at its foundation. Cisco NX-OS helps ensure continuous availability and sets the standard for mission-critical data center environments. The highly modular design of Cisco NX-OS makes zero-effect operations a reality and enables exceptional operational flexibility. Cisco NX-OS software offers the following benefits:

- Cisco NX-OS runs on all Cisco data center switch platforms: Cisco Nexus 7000, Nexus 5000, Nexus 4000, Nexus 3000, Nexus 2000, and Nexus 1000V Series switches.
- Cisco NX-OS software interoperates with Cisco products running any variant of Cisco IOS software and also with any networking operating system that conforms to common networking standards.
- Cisco NX-OS modular processes are triggered on demand, each in a separate protected memory space. Processes are started and system resources are allocated only when a feature is enabled. The modular processes are governed by a real-time preemptive scheduler that helps ensure timely processing of critical functions.
- Cisco NX-OS provides a programmatic XML interface based on the NETCONF industry standard. The Cisco NX-OS XML interface provides a consistent API for devices. Cisco NX-OS also provides support for Simple Network Management Protocol (SNMP) Versions 1, 2, and 3 MIBs.
- Cisco NX-OS enables administrators to limit access to switch operations by assigning roles to users. Administrators can customize access and restrict it to the users who require it.

Cisco Nexus 3000 Series Switches

The Cisco Nexus 3000 Series switches are high-performance, high-density, ultra-low-latency Ethernet switches that provide line-rate Layer 2 and Layer 3 switching. The Cisco Nexus 3000 Series includes the following switches:

- The Cisco Nexus 3064 switch is a 1 RU switch that supports 48 1- or 10-Gigabit downlink ports, four QSFP+ ports that can be used as a 40 Gigabit Ethernet port or 4 x10-Gigabit Ethernet ports, one 10/100/1000 management port, and one console port.
- The Cisco Nexus 3048 switch is a 1 rack unit (RU) switch that supports 48 10/100/1000 Ethernet server-facing (downlink) ports, four 10-Gigabit network-facing (uplink) ports, one100/1000 management port, and one console port.
- The Cisco Nexus 3016 is a 1 RU, 16-port QSFP+ switch. Each QSFP+ port can be used as a 40-Gigabit Ethernet port or 4 x10-Gigabit Ethernet ports.

Each switch includes one or two power supply units and one fan tray module, and each switch can be ordered with either forward (port-side exhaust) airflow or reverse (port-side intake) airflow for cooling. All platforms support both AC and DC power-supplies. All combinations of power (AC/DC) and airflow (forward/reverse) are available. The Cisco Nexus 3000 Series switches run the industry-leading Cisco NX-OS Software operating system.

For information about the Cisco Nexus 3000 Series, see the *Cisco Nexus 3000 Series Hardware Installation Guide.*

System Requirements

This section includes the following topics:

Memory Requirements

The Cisco NX-OS Release 5.0(3)U5(1d) software requires 135MB of flash memory.

Hardware Supported

Cisco NX-OS Release 5.0(3)U5(1d) supports the Cisco Nexus 3000 Series switches. You can find detailed information about supported hardware in the *Cisco Nexus 3000 Series Hardware Installation Guide*.

Table 1-2 shows the hardware supported by Cisco NX-OS Release 5.0(3) software.

Table 1-3 shows the transceivers supported by Cisco NX-OS Release 5.0(3) software.

Table 1-2 Hardware Supported by Cisco NX-OS Release 5.0(3)Software

		Supported Cisco NX-OS Release						
Hardware	**Part Number**	**5.0(3)U5(1d) 5.0(3)U5(1c) 5.0(3)U5(1b) 5.0(3)U5(1a) 5.0(3)U5(1)**	**5.0(3)U4(1)**	**5.0(3)U3(2b) 5.0(3)U3(2a) 5.0(3)U3(2) 5.0(3)U3(1)**	**5.0(3)U2(2d) 5.0(3)U2(2c) 5.0(3)U2(2b)**	**5.0(3) U2(2a)**	**5.0(3)U2(2) 5.0(3)U2(1) 5.0(3)U1(2a) 5.0(3)U1(2)**	**5.0(3) U1(1d)**
Cisco Nexus 3000 Series								
Cisco Nexus 3016 switch	N3K-C3016Q-40GE	X	X	X	X	X	—	—
Cisco Nexus 3048 switch	N3K-C3048TP-1GE	X	X	X	X	—	—	—
Cisco Nexus 3064-TQ switch	N3K-C3064TQ-10GT	X[1]	—	—	—	—	—	—
Cisco Nexus 3064-X switch	N3K-C3064PQ-10GX	X	X	X	—	—	—	—
Cisco Nexus 3064-E switch	N3K-C3064PQ-10GE	X	X	X	X	X	X	—
Cisco Nexus 3064 switch	N3K-C3064PQ	X	X	X	X	X	X	X

Table 1-2 Hardware Supported by Cisco NX-OS Release 5.0(3)Software (continued)

		Supported Cisco NX-OS Release						
Hardware	**Part Number**	**5.0(3)U5(1d) 5.0(3)U5(1c) 5.0(3)U5(1b) 5.0(3)U5(1a) 5.0(3)U5(1)**	**5.0(3)U4(1)**	**5.0(3)U3(2b) 5.0(3)U3(2a) 5.0(3)U3(2) 5.0(3)U3(1)**	**5.0(3)U2(2d) 5.0(3)U2(2c) 5.0(3)U2(2b)**	**5.0(3) U2(2a)**	**5.0(3)U2(2) 5.0(3)U2(1) 5.0(3)U1(2a) 5.0(3)U1(2)**	**5.0(3) U1(1d)**
Cisco Nexus 3048 fan module, Forward airflow (port-side exhaust)	N3K-C3048-FAN	X	X	X	X	—	—	—
Cisco Nexus 3048 fan module, Reverse airflow (port-side intake)	N3K-C3048-FAN-B	X	X	X	X	—	—	—
Nexus 3064-T 500W forward airflow (port side exhaust) AC power supply	NXA-PAC-500W	X	X	—	—	—	—	—
Nexus 3064-T 500W reverse airflow (port side intake) AC power supply	NXA-PAC-500W-B	X	X	—	—	—	—	—
Nexus 3064-T 400W forward airflow (port side exhaust) DC power supply	N2200-PDC-400W	X	X	—	—	—	—	—
Nexus 3064-T 350W reverse airflow (port side intake) DC power supply	N3K-PDC-350W-B	X	X	—	—	—	—	—
Cisco Nexus 3064-X forward airflow (port-side exhaust), AC power supply	N3K-C3064-X-FA-L3	X	X	X	—	—	—	—
Cisco Nexus 3064-X reversed airflow (port-side intake), AC power supply	N3K-C3064-X-BA-L3	X	X	X	—	—	—	—

Table 1-2 Hardware Supported by Cisco NX-OS Release 5.0(3)Software (continued)

		Supported Cisco NX-OS Release						
Hardware	**Part Number**	**5.0(3)U5(1d) 5.0(3)U5(1c) 5.0(3)U5(1b) 5.0(3)U5(1a) 5.0(3)U5(1)**	**5.0(3)U4(1)**	**5.0(3)U3(2b) 5.0(3)U3(2a) 5.0(3)U3(2) 5.0(3)U3(1)**	**5.0(3)U2(2d) 5.0(3)U2(2c) 5.0(3)U2(2b)**	**5.0(3) U2(2a)**	**5.0(3)U2(2) 5.0(3)U2(1) 5.0(3)U1(2a) 5.0(3)U1(2)**	**5.0(3) U1(1d)**
Cisco Nexus 3064-X forward airflow (port-side exhaust), DC power supply	N3K-C3064-X-FD-L3	X	X	X	—	—	—	—
Cisco Nexus 3064-X forward airflow (port-side intake), DC power supply	N3K-C3064-X-BD-L3	X	X	X	—	—	—	—
Cisco Nexus 3064 fan module, Forward airflow (port-side exhaust); also used in the Cisco Nexus 3016	N3K-C3064-FAN	X	X	X	X	X	X	X
Cisco Nexus 3064 fan module, Reverse airflow (port-side intake); also used in the Cisco Nexus 3016	N3K-C3064-FAN-B	X	X	X	X	X	X	X
Cisco Nexus 3000 power supply, Forward airflow (port-side exhaust)	N2200-PAC-400W	X	X	X	X	X	X	X
Cisco Nexus 3000 power supply, Reverse airflow (port-side intake)	N2200-PAC-400W-B	X	X	X	X	X	X	X
Cisco Nexus 2000 power supply, Forward airflow (port-side exhaust)	N2200-PDC-400W	X	X	X	X	X	X	X
Cisco Nexus 2000 DC power supply, Reverse airflow (port-side intake)	N3K-PDC-350W-B	X	X	X	X	X	X	X

1. Recommended release for Cisco Nexus 3064-TQ switch is Cisco NX-OS Release 5.0(3)U5(1c).

Table 1-3 Transceivers Supported by Cisco NX-OS Release 5.0(3)Software

Supported Cisco NX-OS Release								
Transceivers	**Part Number**	**5.0(3)U5(1d) 5.0(3)U5(1c) 5.0(3)U5(1b) 5.0(3)U5(1a) 5.0(3)U5(1)**	**5.0(3)U4(1)**	**5.0(3)U3(2b) 5.0(3)U3(2a) 5.0(3)U3(2) 5.0(3)U3(1)**	**5.0(3)U2(2c) 5.0(3)U2(2b) 5.0(3)U2(2a) 5.0(3)U2(2)**	**5.0(3) U2(1)**	**5.0(3)U1(2) 5.0(3)U1(2a)**	**5.0(3)U1(1a) 5.0(3)U1(1b) 5.0(3)U1(1d)**
QSFP								
Active copper splitter cable 7m	QSFP-4x10G-AC7M[1]	X	—	—	—	—	—	—
Active copper splitter cable 10m	QSFP-4x10G-AC10M[1]	X	—	—	—	—	—	—
Active copper QSFP transceiver module 7m	QSFP-H40G-ACU7M[1]	X	—	—	—	—	—	—
Active copper QSFP transceiver module 10m	QSFP-H40G-ACU10M[1]	X	—	—	—	—	—	—
40GBASE-CSR4 QSFP transceiver module with mpo connector 300 m	QSFP-40G-CSR4[1]	X	X	—	—	—	—	—
40GBASE-CSR4 QSFP transceiver module with mpo connector 300 m (using fiber splitter cables)	QSFP-40G-CSR4[1]	X	X	—	—	—	—	—
40GBASE-SR4 QSFP transceiver module with mpo connector 100 m	QSFP-40G-SR4[1]	X	X	X	X	X	X	X
40GBASE-SR4 QSFP transceiver module with mpo connector 100 m (using fiber splitter cables)	QSFP-40G-SR4[1]	X	X	X	X	X	X	X
40GBASE-CR4 passive copper cable, 1 m	QSFP-H40G-CU1M	X	X	X	X	X	X	X

Table 1-3 Transceivers Supported by Cisco NX-OS Release 5.0(3)Software (continued)

Supported Cisco NX-OS Release								
Transceivers	**Part Number**	**5.0(3)U5(1d) 5.0(3)U5(1c) 5.0(3)U5(1b) 5.0(3)U5(1a) 5.0(3)U5(1)**	**5.0(3)U4(1)**	**5.0(3)U3(2b) 5.0(3)U3(2a) 5.0(3)U3(2) 5.0(3)U3(1)**	**5.0(3)U2(2c) 5.0(3)U2(2b) 5.0(3)U2(2a) 5.0(3)U2(2)**	**5.0(3) U2(1)**	**5.0(3)U1(2) 5.0(3)U1(2a)**	**5.0(3)U1(1a) 5.0(3)U1(1b) 5.0(3)U1(1d)**
40GBASE-CR4 passive copper cable, 3 m	QSFP-H40G-CU3M	X	X	X	X	X	X	X
40GBASE-CR4 passive copper cable, 5 m	QSFP-H40G-CU5M	X	X	X	X	X	X	X
QSFP to 4xSFP10G passive copper splitter cable, 1 m	QSFP-4SFP10G-CU1M	X	X	X	X	X	X	X
QSFP to 4xSFP10G passive copper splitter cable, 3 m	QSFP-4SFP10G-CU3M	X	X	X	X	X	X	X
QSFP to 4xSFP10G passive copper splitter cable, 5 m	QSFP-4SFP10G-CU5M	X	X	X	X	X	X	X
Revision 2 copper splitter cables 3m	QSFP-4SFP10G-CU3 (Rev. 2)	X	—	—	—	—	—	—
Revision 2 copper splitter cables 5m	QSFP-4SFP10G-CU5 (Rev. 2)	X	—	—	—	—	—	—
10-Gigabit								
10GBASE-SR SFP+ module (multimode fiber [MMF])	SFP-10G-SR	X	X	X	X	X	X	X
10GBASE-LR SFP+ module (single-mode fiber [SMF])	SFP-10G-LR	X	X	X	X	X	X	X
10GBASE-ER SFP+ module (single-mode fiber [SMF])	SFP-10G-ER	X	X	X	X	X	X	X
10GBASE-ZR SFP+ module (single-mode fiber [SMF])[2]	SFP-10G-ZR[2]	X	X	X	—	—	—	—

Table 1-3 Transceivers Supported by Cisco NX-OS Release 5.0(3)Software (continued)

Supported Cisco NX-OS Release								
Transceivers	**Part Number**	**5.0(3)U5(1d) 5.0(3)U5(1c) 5.0(3)U5(1b) 5.0(3)U5(1a) 5.0(3)U5(1)**	**5.0(3)U4(1)**	**5.0(3)U3(2b) 5.0(3)U3(2a) 5.0(3)U3(2) 5.0(3)U3(1)**	**5.0(3)U2(2c) 5.0(3)U2(2b) 5.0(3)U2(2a) 5.0(3)U2(2)**	**5.0(3) U2(1)**	**5.0(3)U1(2) 5.0(3)U1(2a)**	**5.0(3)U1(1a) 5.0(3)U1(1b) 5.0(3)U1(1d)**
10GBASE-DWDM SFP+ module (single-mode fiber [SMF])[2]	10-2767-01[2]	X	X	X	—	—	—	—
10GBASE-CU SFP+ cable 1 m (Twinax cable)	SFP-H10GB-CU1M	X	X	X	X	X	X	X
10GBASE-CU SFP+ cable 3 m (Twinax cable)	SFP-H10GB-CU3M	X	X	X	X	X	X	X
10GBASE-CU SFP+ cable 5 m (Twinax cable)	SFP-H10GB-CU5M	X	X	X	X	X	X	X
10GBASE-CU SFP+ cable 2 m (Twinax cable)[3]	SFP-H10GB-CU2M[3]	X	X	—	—	—	—	—
10GBASE-CU SFP+ cable 2.5 m (Twinax cable)[3]	SFP-H10GB-CU2-5M[3]	X	X	—	—	—	—	—
Active Optical cable 1m	SFP-10G-AOC1M[4]	X	—	—	—	—	—	—
Active Optical cable 3m	SFP-10G-AOC3M[4]	X	—	—	—	—	—	—
Active Optical cable 5m	SFP-10G-AOC5M[4]	X	—	—	—	—	—	—
Active Optical cable 7m	SFP-10G-AOC7M[4]	X	—	—	—	—	—	—
1-Gigabit Ethernet								
1000BASE-T SFP[4]	GLC-T[4]	X	X	X	X	X	X	X
Gigabit Ethernet SFP, LC connector SX transceiver (MMF)	GLC-SX-MM[3]	X	X	X	X	X	X	X
Gigabit Ethernet SFP, LC connector SX transceiver (MMF)	GLC-SX-MMD	X	X	—	—	—	—	—

Table 1-3 Transceivers Supported by Cisco NX-OS Release 5.0(3)Software (continued)

Supported Cisco NX-OS Release		5.0(3)U5(1d) 5.0(3)U5(1c) 5.0(3)U5(1b) 5.0(3)U5(1a) 5.0(3)U5(1)	5.0(3)U4(1)	5.0(3)U3(2b) 5.0(3)U3(2a) 5.0(3)U3(2) 5.0(3)U3(1)	5.0(3)U2(2c) 5.0(3)U2(2b) 5.0(3)U2(2a) 5.0(3)U2(2)	5.0(3) U2(1)	5.0(3)U1(2) 5.0(3)U1(2a)	5.0(3)U1(1a) 5.0(3)U1(1b) 5.0(3)U1(1d)
Transceivers	**Part Number**							
Gigabit Ethernet SFP, LC connector LX/LH transceiver (SMF)	GLC-LH-SM[4]	X	X	X	X	X	X	X
1000BASE-LX/LH SFP transceiver module for MMF and SMF	GLC-LH-SMD[4]	X	—	—	—	—	—	—
1000Base BX fiber transceiver	GLC-BX-U[4]	X	—	—	—	—	—	—
1000Base BX fiber transceiver	GLC-BX-D[4]	X	—	—	—	—	—	—
1000BASE-T SFP transceiver module with extended operating temperature range	SFP-GE-T[4]	X	—	—	—	—	—	—
100 Mbps Ethernet								
100BASE-FX SFP module for Gigabit Ethernet ports GLC-GE-100FX[5]	10-2019-02[5] GLC-GE-100FX	X	X	X	X	X	X	X

1. Supported on the Cisco Nexus 3016, Cisco Nexus 3064-X, Cisco Nexus 3064-T, Cisco Nexus 3064, and Cisco Nexus 3064-E switches.
2. Supported on the Cisco Nexus 3064-E and Cisco Nexus 3064-X switches.
3. Supported on the Cisco Nexus 3048, Cisco Nexus 3064-X, Cisco Nexus 3064, and Cisco Nexus 3064-E switches.
4. Supported on the Cisco Nexus 3048, Cisco Nexus 3064-E, and Cisco Nexus 3064-X switches.
5. Supported on the Cisco Nexus 3064, Cisco Nexus 3064-E, and Cisco Nexus 3064-X switches. For the GLC-GE-100FX, only part number 10-2019-02 is supported.

Twinax Cable Support on Cisco Nexus 3000 Switches

Starting with Cisco Release NX-OS 5.0(3)U1(1), the following algorithm is used to detect copper SFP+ twinax, QSFP+ twinax, and QSFP+ splitter cables on Cisco Nexus 3000 switches.

If the attached interconnect (transceiver) is a copper SFP+ twinax or QSFP+ twinax cable:

- Verify the transceiver SPROM to match Cisco magic code.
- If the check succeeds, bring up the interface; else print the following warning message stating that a non-Cisco transceiver is attached and try to bring up the port.

```
2009 Oct 9 01:46:42 switch %ETHPORT-3-IF_NON-CISCO_TRANSCEIVER: Non-Cisco transceiver
on interface Ethernet1/18 is detected.
```

If the attached transceiver is a QSFP+ splitter cable, then no special check is performed. Software tries to bring up the port.

The following disclaimer applies to non-Cisco manufactured and non-Cisco certified QSFP copper splitter cables:

If a customer has a valid support contract for Cisco Nexus switches, Cisco TAC will support twinax cables that are a part of the compatibility matrix for the respective switches. However, if the twinax cables are not purchased through Cisco, a customer cannot return these cables through an RMA to Cisco for replacement.

If a twinax cable that is not part of the compatibility matrix is connected into a system, Cisco TAC will still debug the problem, provided the customer has a valid support contract on the switches. However TAC may ask the customer to replace the cables with Cisco qualified cables if there is a situation that points to the cables possibly being faulty or direct the customer to the cable provider for support. Cisco TAC cannot issue an RMA against uncertified cables for replacement.

New and Changed Features

This section describes the new features introduced in Cisco NX-OS Release 5.0(3)U5(1c). This section includes the following topics:

New Supported Hardware

Cisco NX-OS Release 5.0(3)U5(1d) does not include new hardware.

New Software Features

All Cisco Nexus 3000 Series switches are supported by Cisco NX-OS Release 5.0(3)U5(1d). Cisco NX-OS interoperates with any networking OS, including Cisco IOS software, that conforms to the networking standards mentioned in the product data sheet.

Cisco NX-OS Release 5.0(3)U5(1d) is a patch release that includes the following new software features:

ECMP Host Routes

ECMP can be enabled or disabled separately for IPv4 host routes or IPv6 host routes.

Traffic Shaping

Traffic shaping allows you to control the traffic going out an interface in order to match its flow to the speed of the remote target interface and to ensure that the traffic conforms to policies contracted for it. Thus, traffic adhering to a particular profile can be shaped to meet downstream requirements, thereby eliminating bottlenecks in topologies with data-rate mismatches.

Upgrade Guidelines

Cisco NX-OS Release 5.0(3)U3(1) does not support a software upgrade from Cisco NX-OS Release 5.0(3)U2(2c). If you want to upgrade through this path, see CSCty75328 for details about how to work around this issue.

Note This restriction does not apply to Cisco NX-OS Release 5.0(3)U3(2a) and Cisco NX-OS Release 5.0(3)U3(2).

In Cisco NX-OS Release 5.0(3)U3(1), support for IPv6 has been added in CoPP. To enable redirection of IPv6 control packets to the CPU, IPv6 CoPP must be configured on the system. Performing the write erase command on a device running Release 5.0(3)U3(1) automatically applies CoPP on the device and ensures that all IPv4 and IPv6 related CoPP configuration is setup correctly.

If you upgrade from a Cisco NX-OS release that does not support the CoPP feature to a release that does support the CoPP feature, you must run the setup utility after the upgrade to enable CoPP on the device.

If you upgrade from Cisco NX-OS Release 5.0(3)U2(2) (which supports the CoPP feature) to Cisco NX-OS Release 5.0(3)U3(1) (which adds CoPP classes for IPv6 support), you must run the setup script to enable the IPv6 CoPP feature on the device.

Limitations

There are no known limitations for Cisco NX-OS Release 5.0(3)U5(1d).

Caveats

Open and resolved caveat record numbers are provided with links to the Bug Toolkit where you can find details about each caveat.

This section includes the following topics:

Resolved Caveats in Cisco NX-OS Release 5.0(3)U5(1d)

Table 1-4 lists descriptions of resolved caveats in Cisco NX-OS Release 5.0(3)U5(1d). The record ID links to the Cisco Bug Toolkit where you can find details about the caveat.

Table 1-4 Cisco NX-OS Release 5.0(3)U5(1d)—Resolved Caveats

Record Number	Resolved Caveat Headline
CSCue52328	PIM joins for some groups not processed at CPU level
CSCue66123	bios_daemon crash due to sig 24 (null), no core

Table 1-4 Cisco NX-OS Release 5.0(3)U5(1d)—Resolved Caveats (continued)

Record Number	Resolved Caveat Headline
CSCuf03268	no snmp trap link-status" on SVI does't survive reload
CSCuh79034	High CPU utilization due to bcm_usd and syslogd causing protocol flaps **Note** This caveat was resolved in Cisco NX-OS Release 5.0(3)U5(1g)

Open Caveats in Cisco NX-OS Release 5.0(3)U5(1d)

Table 1-5 lists descriptions of open caveats in Cisco NX-OS Release 5.0(3)U5(1c). The record ID links to the Cisco Bug Toolkit where you can find details about the caveat.

Table 1-5 Cisco NX-OS Release 5.0(3)U5(1d) —Open Caveats

Record Number	Open Caveat Headline
CSCtz64709	A Cisco Nexus 3000 Series switch incorrectly forwards an echo request from an unspecified (::) address.
CSCub91054	A Cisco Nexus 3000 Series switch cannot resolve a domain name from a **copy** command.
CSCub91090	A Cisco Nexus 3000 Series switch IPv6 route is impacted by a down interface.
CSCuc21712	A SPAN buffer does not use the complete configured buffer.
CSCuc29982	Ports become active when configured with the wrong speed and a GLC-SX-MMD or GLC-LH-SMD SFP is inserted in a Cisco Nexus 3000 Series switch.
CSCuc31412	Layer 3 routed ports are added as part of Layer 2 VLANs in hardware.
CSCuc32159	EIGRP routes that are learned through a Layer 3 port channel take approximately 20 seconds to converge on the failure of the Layer 3 port channel.
CSCuc34673	When shutting a range of all uplink ports on a Cisco Nexus 3048 switch where a GLC-BX-U SFP was inserted, the ports appear up on the peer switch.
CSCuc44153	A MAC address is not learned, but ARP is resolved on reload of both vPC peers.
CSCuc44353	In a Multicast Source Discovery Protocol (MSDP) configuration, different values are shown for ipMcastNexthopRouteProtocol.
CSCuc50368	SNMP CLI does not accept the AES authentication password.
CSCuc56928	The initial PowerOn Auto Provisioning (POAP) discovery phase fails a few times before successful POAP iteration.
CSCuc57875	Syslog is not using the outgoing interface address as the source interface when the logging source-interface is modified.
CSCuc58104	An FP entry programming issue occurs with DHCP relay.
CSCuc59987	The interface storm control counter does not show the suppress value.
CSCuc70495	A change in the route-map match multicast group list is not reflected in the output of the **show ip pim rp** vrf command.
CSCuc71247	PVLAN vPC ports are inactive on the secondary switch with the reason “VLAN is not configured on remote vPC.”

Table 1-5 Cisco NX-OS Release 5.0(3)U5(1d) —Open Caveats (continued)

Record Number	Open Caveat Headline
CSCud79588	Last single port flaps in 64x10G mode for sometime and then stays up.
CSCue13321	TCAM exhaustion after creating 127 VRFs.
CSCug20643	BCM-USD constantly take 50% CPU

Related Documentation

Documentation for the Cisco Nexus 3000 Series Switch is available at the following URL:

http://www.cisco.com/en/US/products/ps11541/tsd_products_support_series_home.html

The documentation set is divided into the following categories:

Release Notes

The release notes are available at the follwing URL:

http://www.cisco.com/en/US/products/ps11541/prod_release_notes_list.html

Installation and Upgrade Guides

The installation and upgrade guides are available at the following URL:

http://www.cisco.com/en/US/products/ps11541/prod_installation_guides_list.html

Command References

The command references are available at the following URL:

http://www.cisco.com/en/US/products/ps11541/prod_command_reference_list.html

Technical References

The technical references are available at the following URL:

http://www.cisco.com/en/US/products/ps11541/prod_technical_reference_list.html

Configuration Guides

The configuration guides are available at the following URL:

http://www.cisco.com/en/US/products/ps11541/products_installation_and_configuration_guides_list.html

Error and System Messages

The system message reference guide is available at the following URL:

http://www.cisco.com/en/US/products/ps11541/products_system_message_guides_list.html

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