



Release Notes for Cisco Fourth-Generation Voice and WAN Network Interface Module

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Overview

The Cisco Fourth-Generation Voice and WAN Network Interface Modules (NIMs) are interface cards that are inserted into the NIM slot of the Cisco 4400/4300 Series Integrated Services Router and expand the capabilities of the router to provide voice support on NIM voice ports.

System Requirements

The Cisco Fourth-Generation Voice and WAN Network Interface Modules and Cisco PVDM4s are supported on the Cisco 4400/4300 Integrated Services Router that runs on Cisco IOS XE Release 3.14S and later.



Note

Noise Reduction (NR) on the Digital Signal Processor (DSP) is not supported for Voice and WAN NIMs for Release 3.14S, but will be supported in a future release.

Open Caveats

This section describes the open caveats. In this section, the following information is provided for each caveat:

- **Symptom**—A description of what is observed when the caveat occurs.
- **Conditions**—The conditions under which the caveat has been known to occur.
- **Workaround**—Solutions, if available, to counteract the caveat.



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**Tip**

If you have an account on Cisco.com, you can also use the Bug Toolkit to find select caveats of any severity. To access the Bug Toolkit, log in to Cisco.com and go to http://www.cisco.com/pcgi-bin/Support/Bugtool/launch_bugtool.pl.

If the defect that you have requested cannot be displayed, this may be due to one or more of the following reasons: the defect number does not exist, the defect does not have a customer-visible description yet, or the defect has been marked Cisco Confidential.)

Open Caveats - Cisco IOS XE Release 3.14

This section documents the unexpected behavior that may be seen with the Cisco Fourth-Generation Voice and WAN Network Interface Module on the Cisco 4400/4300 Integrated Services Router with Cisco IOS XE Release 3.14.

- CSCuq86186
 - Symptoms: Unable to specify destination location for files generated by the PCM capture utility. The ' voice pem capture destination' command only allows for the name of the file to be modified and not the location.
 - Conditions: ISR 44xx/43xx IOS XE 3.11 15.4(1)S through 3.13 15.4(3)S. Impacts both analog and T1/E1 NIMs
 - Workaround: Store file on bootflash and transfer to TFTP manually.
- CSCur21206
 - Symptoms: FXS port goes to busy state after module reload with tracebacks.
 - Conditions: Test Steps: Off-hook the phone connected to the FXS port; reload the NIM card from CLI. (CLI: hw-module subslot reload); observing the Traceback once the Module comes up.
 - Workaround: Problem is resolved.
- CSCuq14690
 - Symptoms: ISDN Layer 2 of BRI user interface is not activated after the other side completes reload.
 - Conditions: Bring up BRI interface Router 1 (BRI user) and Router 2(BRI network), then reload Router 2.
 - Workaround: Issue shut and no shut the BRI user interface to bring up ISDN layer 2 again.
- CSCun51861
 - Symptoms: Connection trunk missing under FXO and FXS cards.
 - Conditions: Try to configure 'connection trunk' under FXO and FXS.
 - Workaround: None.

Related Documentation

- *[Documentation Roadmap for the Cisco 4400 Series ISRs and Cisco 4300 Series](#)*
- *[Installing the Cisco PVDM4](#)*

- *Cisco 4400 Series ISRs and Cisco 4300 Series ISRs Software Configuration Guide*
- *Hardware Installation Guide for the Cisco ISR 4400 and Cisco ISR 4300 Series Integrated Services Router*

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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