Release Notes for Cisco Enterprise Network Function Virtualization Infrastructure Software, Release 26.2.x

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Cisco Enterprise NFVIS, Release 26.2.1

This release introduces enhancements to licensing flexibility, user accessibility, and secure network authentication. Smart Licensing Enforcement now restricts general configuration changes after license expiration while keeping licensing, network, and system-setting operations available for recovery. NFVIS Portal also expands internationalization support with French Canadian language availability. In addition, RADIUS and TACACS+ support TLS 1.3 transport while preserving existing non-TLS options, providing stronger security without disrupting current deployment choices.

Note: See the latest Release Notes for a comprehensive list of all the component brand name changes. While we transition to the new names, some inconsistencies might be present in the documentation set because of a phased approach to the user interface updates of the software product.

New software features

Cisco is constantly enhancing the Cisco Enterprise Network Function Virtualization Infrastructure Software with every release, and we try and keep the content in line with the latest enhancements. The following table lists new and modified features we documented in the Configuration, Command Reference, and Hardware Installation guide.

What's new for Cisco Enterprise NFVIS Release 26.2.1

Table 1. New software features for Cisco Enterprise NFVIS Release 26.2.1

Product Impact	Feature	Description
Cisco Enterprise NFVIS		
Licensing Process	Smart Licensing Enforcement	NFVIS enables Smart licensing enforcement. When the license reaches expired enforcement, general configuration changes are restricted; licensing, network, and system-setting operations remain available for recovery
Ease of use	Internalization support for French Canadian	NFVIS Portal extends the internalization support for French Canadian language.
Software Reliability	TLS 1.3 Support for AAA Protocols	Radius and TACACS+ will enable TLS 1.3 transport while preserving the existing non TLS options.

New hardware features

There are no new hardware features introduced in this release.

Changes in behavior

There are no Behavior changes captured for Cisco NFVIS Release 26.2.1

Resolved issues

This table lists the resolved issues in this specific software release.

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Note: This software release may contain bug fixes first introduced in other releases. To see additional information, click the bug ID to access the Cisco Bug Tool.

Resolved issues for 26.2.1

Table 2. Resolved issues for Cisco Enterprise NFVIS 26.2.1

Bug ID	Description
CSCwv43221	NFVIS-for-UC: " factory-default-reset all" errors out due to " Image cannot be deleted"
CSCwv71823	NFVIS: Datastore Loads Indefinitely and CLI Ouput Reflects " No entries found."
CSCwv02182	Not able to set up NFVIS web interface idle timeout larger than 5 min.
CSCwv61274	NFVIS: Factory Default Reset All does NOT Erase All Datastore Contents.
CSCwv61512	NFVIS-for-UC: Incorrect/Inconsistent VM Types when Registering Images from Datastore Uploads.

Open issues

This table lists the open issues in this specific software release.

This software release may contain open bugs first identified in other releases. To see additional information, click the bug ID to access the Cisco Bug Tool.

Open issues for 26.2.1

There are no open defects captured for Cisco NFVIS Release 26.2.1

Supported hardware

Supported platforms

The following table lists the only supported platforms and firmware for Cisco NFVIS.

Table 3. Cisco NFVIS

Platform	Firmware	Version
UCS C-Series 240 M6 Rack Servers • BE6K-M6-XU • BE6K-M6-K9 • BE7M-M6-K9 • BE7M-M6-XU • BE7H-M6-K9 • BE7H-M6-XU	BIOS	C240M6.4.3.2c.0.0726232000
	CIMC	HUU version 4.3(2.230207)
UCS C-Series 220 M7 Rack Servers	BIOS	C220M7.4.3.5a.0.0905240935

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Platform	Firmware	Version
• BE6K-M7-K9 • BE6K-M7-XU • BE7M-M7-K9 • BE7M-M7-XU • BE7H-M7-K9 • BE7H-M7-XU • CE1400V-M7-K9	CIMC	HUU version 4.3(5.240021)
UCS C-Series 220 M6 Rack Servers • BE6K-M6-XU • BE6K-M6-K9 • BE7M-M6-K9 • BE7M-M6-XU • BE7H-M6-K9 • BE7H-M6-XU	BIOS	C220M6.4.3.2c.0.0726232000
	CIMC	HUU version 4.3(2.230207)
UCS C-Series 240 M7 Rack Servers • BE6K-M7-K9 • BE6K-M7-XU • BE7M-M7-K9 • BE7M-M7-XU • BE7H-M7-K9 • BE7H-M7-XU • CE1400V-M7-K9	BIOS	C240M7.4.3.5a.0.0905240935
	CIMC	HUU version 4.3(5.240021)
UCS C-Series 220 M5 Rack Servers • BE6M-M5-K9 • BE6M-M5-XU • BE6H-M5-K9 • BE6H-M5-XU • BE7M-M5-K9 • BE7M-M5-XU • BE7H-M5-K9 • BE7H-M5-XU	BIOS	C220M5.4.1.3i.0.0713210713
	CIMC	HUU version 4.1(3d)
UCS C-Series 240 M5 Rack Servers • BE6M-M5-K9 • BE6M-M5-XU • BE6H-M5-K9 • BE6H-M5-XU • BE7M-M5-K9 • BE7M-M5-XU • BE7H-M5-K9 • BE7H-M5-XU	BIOS	C240M5.4.1.3i.0.0713210713
	CIMC	HUU version 4.1(3d)

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Supported software packages

This section provides information about the release packages associated with Cisco Enterprise NFVIS.

NFVIS Software Upgrade Image Details

The Cisco Enterprise NFVIS upgrade image is available as *.iso* file. Currently, downgrades are not supported.

For more details on the software upgrade, see the Upgrading Cisco Enterprise NFVIS section in the Cisco Network Function Virtualization Infrastructure Software Getting Started Guide.

Cisco Router VNFs

https://www.cisco.com/c/en/us/td/docs/routers/nfvis/26x-later/nfvis-configuration-guide/cisco-nfvis-configuration-guide/about-nfvis/supported-vms.html

Table 4. Guest VM Compatibility matrix with NFVIS

Platform	NIC Type	VM OS Kernel Driver Version	VM OS DPDK Version
Cisco UCS C M5 and M6 Rack Servers	Intel X550 LOM	4.9.3 or higher version (ixgbevf)	DPDK 19.11 or higher
Cisco UCS C M6 Rack Servers	UCSE-PCIE-1D 10GF (Intel X710-DA4 Quad port 10 GB)	iavf 4.5.3 or higher	DPDK 19.11 or higher
Cisco UCS C M6 Rack Servers	Intel i350 Quad Port 1 GB Adapter	2.3.9.6 or higher (igbuf)	DPDK 19.11 or higher
Cisco UCS C M5 Rack Servers	Intel i350-mLOM 1Gbps Network Controller	4.18.0 or higher (igbvf)	DPDK 19.11 or higher
Cisco UCS C M7 Rack Servers	Cisco X710T2LG 2x10 GbE RJ45 OCP 3.0 NIC	4.18.0 or higher (igbvf)	DPDK 19.11 or higher

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