Cisco Nexus Hyperfabric Release Notes, 2026

Contents

Cisco Nexus Hyperfabric enables customers easily to design, deploy, and scale any number of data center fabrics located anywhere. Delivered as a fabric-as-a-service solution, it reinvents and simplifies every step of IT operations, ensuring repeatable and predictable outcomes.

Note

Software version 20250320 had its end of support on October 15, 2025. If any devices in a fabric are running this version, in the Cisco Nexus Hyperfabric GUI, you will see a banner with text similar to this example:

Fabric1 `device software approaching targeted end of support`

`You have less than one month to upgrade your devices to a newer version go to software management.`

Fabric1 is the name of your fabric. You must upgrade the software of the devices to a supported version.

Nexus Hyperfabric components

Cisco Nexus Hyperfabric is a data center fabric-as-a-service solution that consists of two components:

- Cloud controller—A scalable, globally distributed multitenant cloud service that is used to design, plan, control, upgrade, and monitor fabrics using a browser or APIs.
- Cisco 6000 series switches—Installed with Cisco Nexus Hyperfabric-managed software, the 6000 series switches connect to the cloud for centralized real-time visibility and control.

This document describes the features, issues, and scale limits for Cisco Nexus Hyperfabric.

New features

New features in January 2026

Table 1. New hardware and software features for Nexus Hyperfabric in January 2026

Feature	Description
Removal of the "classic" fabric mode	The "Classic" fabric mode has been removed. There is now only one fabric mode, which does not have a special label in the GUI. Nexus Hyperfabric automatically migrates all classic fabrics to the one (and only) fabric mode.
BGP import and export policy local preference rule type	Local preference indicates the preferred path for traffic to reach a specific network. A path with a higher local preference value is preferred over others. For more information, see Cisco Nexus Hyperfabric – Configure BGP.

Resolved issues

To see additional information about the caveats, click the bug ID to access the Bug Search Tool (BST).

Table 2. Resolved issues for Nexus Hyperfabric in January 2026

Bug ID	Description
N/A	There are no resolved issues for this month.

Open issues

To see additional information about the caveats, click the bug ID to access the Bug Search Tool (BST).

Table 3. Open issues for Nexus Hyperfabric in January 2026

Bug ID	Description
N/A	There are no open issues for this month.

Verified scalability

Table 4. Verified scalability limits for Nexus Hyperfabric

Feature	Scale limits
Topology per fabric	• Switches: 64 • Servers: 64
Port configuration	• Port channels per fabric: 50 • Physical ports per port channel: 4 • Breakout-enabled ports per switch: 32 • Routed sub-interfaces per physical port: 100
Layer 2 scale per fabric	• VLANs: 256 • PVST+ instances: 256 • MAC, IPv4/MAC, and IPv6/MAC endpoints (EVPN type-2 routes): 15,000
IP scale per fabric	• VRF instances: 10 • SVIs: 256 • IPv4 routes: 50,000 • IPv6 routes: 5,000 • IPv4+IPv6 routes: 55,000 • ECMP paths: 4 • Static routes: 1,000 • External BGP sessions: 20 peers per switch ◦ These are external and do not reflect the underlay BGP sessions. • BGP import and export policies: 10 • DHCP relay VLANs: 32

Related content

You can access the Cisco Nexus Hyperfabric documentation from the following website:

https://www.cisco.com/c/en/us/support/data-center-networking/nexus-hyperfabric/series.html

Document	Description
Cisco Nexus Hyperfabric Release Notes	This document.
Cisco Nexus Hyperfabric Getting Started	Describes how to deploy Nexus Hyperfabric.
Cisco Nexus Hyperfabric User Content	Describes the various Nexus Hyperfabric features and use cases.
Open Source document for Cisco HF6100-32D and Cisco HF6100-60L4D	Lists the licenses and notices for open source software used in this product.

Documentation feedback

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