

Exploring Your Nexus Dashboard, Release 4.1.1

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New and changed information

The following table provides an overview of the significant changes up to this current release. The table does not provide an exhaustive list of all changes or of the new features up to this release.

Release Version	Feature	Description
Nexus Dashboard 4.1.1	Improved navigation and workflow for the GUI	Beginning with Nexus Dashboard 4.1.1, Nexus Dashboard enhanced the navigation and workflow for the GUI.
Nexus Dashboard 4.1.1	User interface enhancements	With this release, Nexus Dashboard added several GUI enhancements for a consistent look and feel across Nexus Dashboard, customization of tables, a download to .csv option, and other GUI enhancements. For more information, see GUI enhancements.
Nexus Dashboard 4.1.1	Added a **Generating Config** page for viewing and pushing a generated configuration to a device	With this release, Nexus Dashboard added a **Generated Config** page for viewing and pushing a generated configuration to a device after configuring a policy. For more information, see the "Create a policy group" section in Working with Configuration Policies for Your Nexus Dashboard LAN or IPFM Fabrics.
Nexus Dashboard 4.1.1	Custom Dashboards	With this release, Nexus Dashboard added a **Dashboards** page for monitoring all the data in a centralized location. You can create custom dashboards and add widgets to display the top-level information about each widget. You can also share dashboards across users, enabling collaboration and accessibility. For more information, see Create a new dashboard.
Nexus Dashboard 4.1.1	Added ability to take topology snapshots for LAN fabrics to capture and analyze network topology states	With this release, Nexus Dashboard introduced **Topology Snapshots** for LAN fabrics that allows you to capture and analyze network topology states. You can track changes in topologies over time and perform side-by-side comparisons. The feature supports both mergeable comparisons and table-based comparisons, offering a comprehensive view of your network. For more information, see View topology snapshots.
Nexus Dashboard 4.1.1	Topology view for orchestration-only ACI fabric	With this release, the topology view is available for an ACI fabric where only orchestration is enabled and telemetry is not. Nexus Dashboard visualizes the fabric topology from orchestration data, independent of telemetry collection.

Nexus Dashboard deployment overview

Nexus Dashboard platform

Cisco Nexus Dashboard is a central management console for multiple data center fabrics that provides real-time analytics, visibility, assurance for network policies and operations, as well as policy orchestration for the data center fabrics, such as Cisco ACI and NX-OS.

Nexus Dashboard provides a common platform and modern technology stack, simplifying the life cycle management of the different modern applications and reducing the operational overhead to run and maintain these applications. It also provides a central integration point for external 3rd party applications with the locally-hosted applications.

Nexus Dashboard is the comprehensive management solution for ACI as well as NX-OS deployments spanning LAN fabric, SAN fabric, and IP Fabric for Media (IPFM) networks in data centers powered by Cisco. Nexus Dashboard also supports other devices, such as IOS-XE switches, IOS-XR routers, and non-Cisco devices. Being a multi-fabric controller, Nexus Dashboard manages multiple deployment models such as VXLAN EVPN, classic 3-tier, FabricPath, and routed-based fabrics for LAN while providing ready-to-use control, management, monitoring, and automation capabilities for all these environments. In addition, Nexus Dashboard, when you select SAN installation, Cisco Nexus Dashboard automates Cisco MDS switches and Cisco Nexus-family infrastructure in NX-OS mode with a focus on storage-specific features and analytics capabilities.



This document describes how to deploy a Nexus Dashboard cluster initially and onboard the fabrics. After your cluster is up and running, see the Nexus Dashboard *configuration and operation articles* for day-to-day operation.

Unified Nexus Dashboard deployment

In earlier releases, Nexus Dashboard shipped with only the platform software and no services included, which you would then download, install, and enable separately after the initial platform deployment. Now, the platform and the individual services have been unified into a single product. You no longer deploy and configure the services separately.

Hardware vs software stack

Nexus Dashboard is offered as a cluster of specialized Cisco UCS servers (Nexus Dashboard platform) with the software framework (Nexus Dashboard) pre-installed on it. The Cisco Nexus Dashboard software stack can be decoupled from the hardware and deployed in a number of virtual form factors. For the purposes of this document, we will use "Nexus Dashboard hardware" specifically to refer to the hardware and "Nexus Dashboard" to refer to the software stack and the GUI console.

This guide describes the initial deployment of the Nexus Dashboard software, which is common for physical and virtual form factors. If you are deploying a physical cluster, see *Nexus Dashboard Hardware Setup Guide* for the UCS servers' hardware overview, specification, and racking instructions.



Root access to the Nexus Dashboard software is restricted to Cisco TAC only. A

special user rescue-user is created for all Nexus Dashboard deployments to enable a set of operations and troubleshooting commands. For additional information about the available rescue-user commands, see the "Troubleshooting" article in the Nexus Dashboard *documentation library*.

Available form factors

This release of Cisco Nexus Dashboard can be deployed using a number of different form factors. However, you must use the same form factor for all nodes, mixing nodes of different form factors within the same cluster is not supported. The physical form factor currently supports two different Cisco UCS servers (SE-NODE-G2 and ND-NODE-L4) for the cluster nodes, which can be mixed within the same cluster.

- Physical appliance (.iso)

  This form factor refers to the Cisco UCS physical appliance hardware with the Nexus Dashboard software stack pre-installed on it.

  The later sections in this document describe how to configure the software stack on the existing physical appliance hardware to deploy the cluster. Setting up the Nexus Dashboard hardware is described in *Nexus Dashboard Hardware Setup Guide* for the specific UCS model.

- Virtual appliance
  - VMware ESX (.ova)

    Virtual form factor that allows you to deploy a Nexus Dashboard cluster using VMware ESX virtual machines.

  - Linux KVM (.qcow2)

    Virtual form factor that allows you to deploy a Nexus Dashboard cluster using Linux KVM virtual machines. This form factor is only for LAN and SAN controllers and does not support telemetry nor orchestration.



When planning your deployment, ensure to check the list of "Prerequisites and Guidelines" in one of the following sections of this document specific to the form factor you are deploying. A quick reference of the supported form factors, scale, and cluster sizing requirements are available in the Nexus Dashboard Cluster Sizing tool.

Scale and cluster sizing guidelines

A basic Nexus Dashboard deployment typically consists of 1 or 3 primary nodes, which are required for the cluster to come up. Depending on scale requirements, 3-node clusters can be extended with up to 3 additional secondary nodes, for a total of 6 nodes, to support higher scale. For physical clusters, you can also add up to 2 standby nodes for easy cluster recovery in case of a primary node failure.

Exact number of additional secondary nodes required for your specific use case is available from the Nexus Dashboard Cluster Sizing tool.

Scale and cluster sizing limitations

These limitations apply to scale and cluster sizing:

- Single-node deployments cannot be extended to a 3-node cluster after the initial deployment.

  If you deploy a single-node cluster and want to extended it to a 3-node cluster or add secondary nodes, you will first need to redeploy it as a 3-node base cluster.

- Single-node deployments do not support additional secondary or standby nodes.
- For 3-node clusters, at least two primary nodes are required for the cluster to remain operational.
- 3-node virtual clusters do not support orchestration.
- You cannot extend a telemetry cluster.
- Telemetry clusters do not support dynamic scaling from a 3-node cluster to a 6-node cluster. To increase the cluster size beyond 3 nodes, you need to redeploy the cluster.

GUI overview

After you have deployed the Nexus Dashboard cluster, you can perform all remaining actions using the GUI. To access the Nexus Dashboard GUI, simply browse to any one of the nodes' management IP addresses.

```
https://<node-mgmt-ip>
```



Depending on the permissions of the user logged in to the Nexus Dashboard GUI, the UI will display only the objects and settings the user is allowed to access. The following sections describe all GUI elements as visible by an admin user. For more information on user configuration and permissions, see Configuring Users and Security.

Navigation bar and user preferences

As you navigate through the Nexus Dashboard UI, the page always displays the common navigation bar.

- **Nexus Dashboard** title returns you to the Nexus Dashboard's **Overview** page from any page that you are currently viewing.
- **User** icon contains a menu that allows you to log out, change the password for the currently logged in user, manage API keys, and configure these user-specific preferences:
  - **Time Zone Preference** allows you to specify the time zone for the currently logged in user allowing multiple users across different geographical locations to more conveniently view any time-specific information in the UI.

    When set to Automatic, your local browser time zone is used. This is the default and the same behavior as in previous releases of Nexus Dashboard.

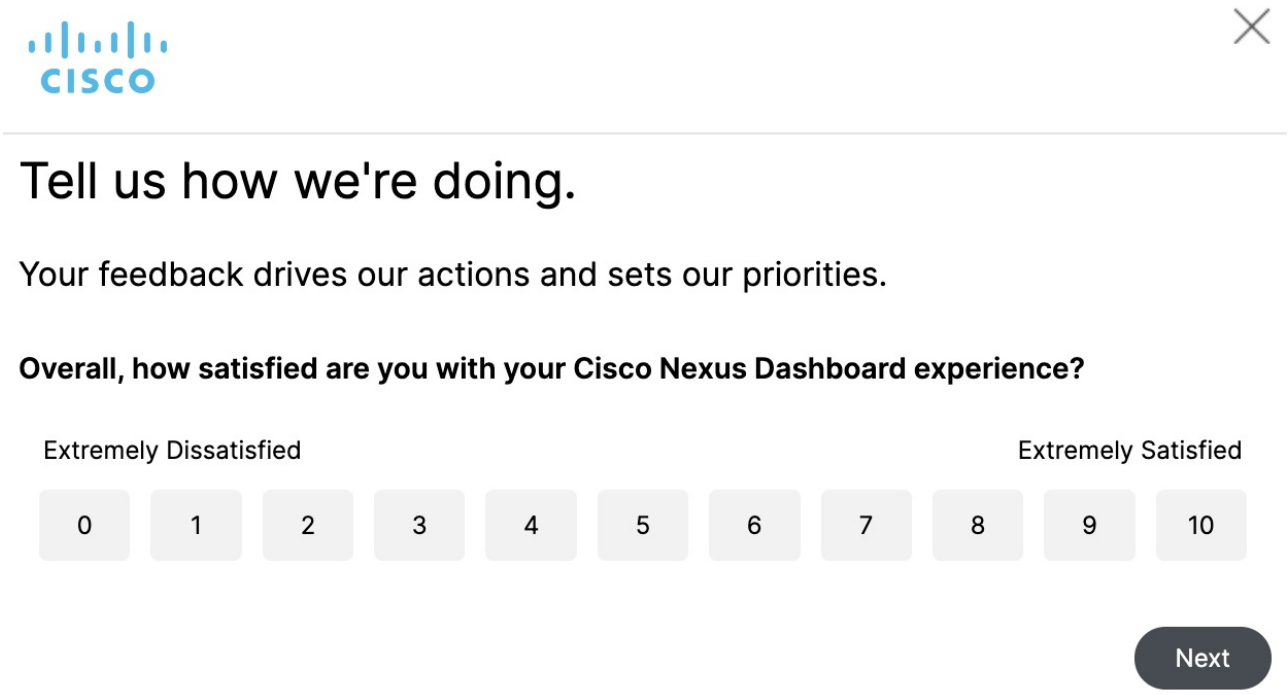
    When set to Manual, you can pick the geographic location from the map and the closest time zone will be set according to that.

    The time zone conversion is done in the UI only, the backend and the APIs continue to return timestamps in the format in which they are saved, which is typically UTC.

    This release supports the global time zone configuration for Nexus Dashboard. If you have multiple fabrics across different geographical regions, all source time zones are mapped to the configured time zone.
- **Help** menu provides access to the **What's new**, **Journey**, **Help center**, version information, and the documentation for Nexus Dashboard.
  - **Journey**—Provides a step-by-step workflow for getting your Nexus Dashboard up and running and provides additional information on key features and features that you should try out.
  - **What's new**—Provides information on the new features that are available in the current release.

- **Notifications** icon brings up a list of new notifications about cluster operation and health that may require your attention.
- The **Feedback** button provides ad-hoc feedback.



Nexus Dashboard now uses Qualtrics^{XM} integration to collect feedback and CSAT ratings. You may randomly see a pop-up on the left bottom of the page once in 90 days to collect CSAT ratings. There will be an Always-on minimized Feedback Tab on the right side of the page near the scrollbar to provide feedback. The integration utilizes the browser's internet connection to securely connect to the Qualtrics^{XM} systems to record your feedback.

This feature can be turned off from the Security settings. For more information about turning off this feature, see the "Security configuration" section in Configuring Users and Security.

Home

The **Home** page contains these tabs.

- **Overview**—Displays a global view map of your multi-fabric implementations in addition to their current functionality and health. The Settings icon allows you to overlay fabric-to-fabric connectivity, tooltip, and group markers information over your map. You can zoom in or out using the + or - icons to any particular region of the map and then use the Save Layout option to save the configuration to the user profile.
- **Topology**—Provides a graphical and hierarchical view of the Nexus Dashboard infrastructure. It visually represents the relationships and connections in fabrics in Nexus Dashboard and devices in those fabrics, simplifying network visualization and helping administrators understand and manage their fabric more effectively.

  Here's what the **Topology** view typically shows:

- Fabric Nodes:
  - Displays switches, routers, and other network devices in the fabric.
  - Identifies device roles, such as spine, leaf, or border gateway.
- Physical Connectivity:
  - Shows links between devices, including Layer 1 (physical) and Layer 2/3 (logical) connections.
  - Highlights redundant or misconfigured links for better troubleshooting.
- Device Information:
  - Provides key details about each device, such as its hostname, role, and IP address.
  - Includes status indicators (e.g., up/down) for devices and links.
- Link Status:
  - Displays link states, bandwidth, and utilization.
  - Marks problematic links (e.g., errors, mismatched configurations) with color-coded indicators.
- Logical Structures:
  - Illustrates logical groupings like vPC (Virtual Port Channel) and VXLAN overlays.
  - Shows how devices participate in the overall fabric, including VRFs, VLANs, and subnets.
- Real-Time Updates:
  - Continuously updates to reflect real-time changes in the network, such as devices going offline or new links being added.



In Nexus Dashboard 4.1.1, Real-time updates are not supported for ACI fabrics.

- Navigation Tools:
  - Offers zooming, panning, and filtering options to focus on specific parts of the topology or certain device roles.
- Troubleshooting and Diagnostics:
  - Integrates with features like flow analysis or fabric health to quickly isolate and resolve issues.

For more information, see View components in Topology.

- **Dashboards**—Provides a centralized overview of all the data you wish to monitor. You can create custom dashboards and add widgets to display top-level information about each widget pinned to the dashboard. You can also share dashboards across users, enabling collaboration and accessibility. Additionally, you can also customize the dashboard to display specific data.

  For more information, see Create a new dashboard, Add widgets to a dashboard, and Modify the dashboard.

Manage

This category contains these pages.

- **Fabrics**—Allows you to create and edit fabrics.
- **Inventory**—Allows you to add and edit switches in the cluster.
- **Orchestration**—Allows you to connect multiple ACI fabrics together and consolidate and deploy tenants, along with network and policy configurations, across multiple ACI fabrics.
- **Anomaly and Compliance Rules**—Allows you to work with global, anomaly, and compliance rules.
- **Change Control**—Allows you to use the change control feature to track intent changes using a unique ticket that is associated with a specific action.
- **Fabric Software**—Allows you to perform cluster (firmware) upgrades.
- **Device Credentials**—Allows you to manage the device credentials in your Nexus Dashboard.
- **Template Library**—Allows you to manage the templates that are used in your Nexus Dashboard.

Analyze

This category contains these pages.

- **Anomalies**—Provides information on the anomalies that are detected in your Nexus Dashboard.
- **Advisories**—Provides information on field notices, software and hardware end-of-life and end-of-sale announcements that are identified in your Nexus Dashboard.
- **Analysis Hub**—Allows you to analyze and troubleshoot your network using advanced analytics tools, which allows you to gain valuable insights into the performance and health of your network.
- **Reports**—Allows you to create reports for inventory, performance, policy details and more. Reports are only for NX-OS fabrics.

Admin

This category contains these pages.

- **Nexus Dashboard Management**:
  - **System Status**—Provides cluster details (such as name, app subnet, and service subnet) and displays any current issues in the cluster.
  - **System Settings**—Allows you to configure cluster-wide settings (such as DNS and NTP servers, persistent IP addresses, and routes).
  - **Licensing**—Allows you configure license management.
  - **Integrations**—Allows you to add and configure integrations.
  - **Intersight**—Provides access to Cisco Intersight device connector configuration.
- **Maintenance and Troubleshooting**:
  - **System Software**—Allows you to manage your system software.
  - **Backup and Restore**—Allows you to back up or restore cluster configurations.

- **History and Logs**—Allows you to review history and log information in your Nexus Dashboard.
- **Tech Support**—Allows you to collect logs and activities in the system for further troubleshooting by Cisco TAC.

- **Authentication and more**:
  - **Users and Security**—Allows you to create and update local Nexus Dashboard users or view the users configured on any remote authentication servers that you added to the Nexus Dashboard, configure remote authentication domains, and view and edit the security configurations, such as keys and certificates.
  - **Certificate Management**—Allows you to manage CA, system, and fabric certificates in your Nexus Dashboard.

GUI enhancements

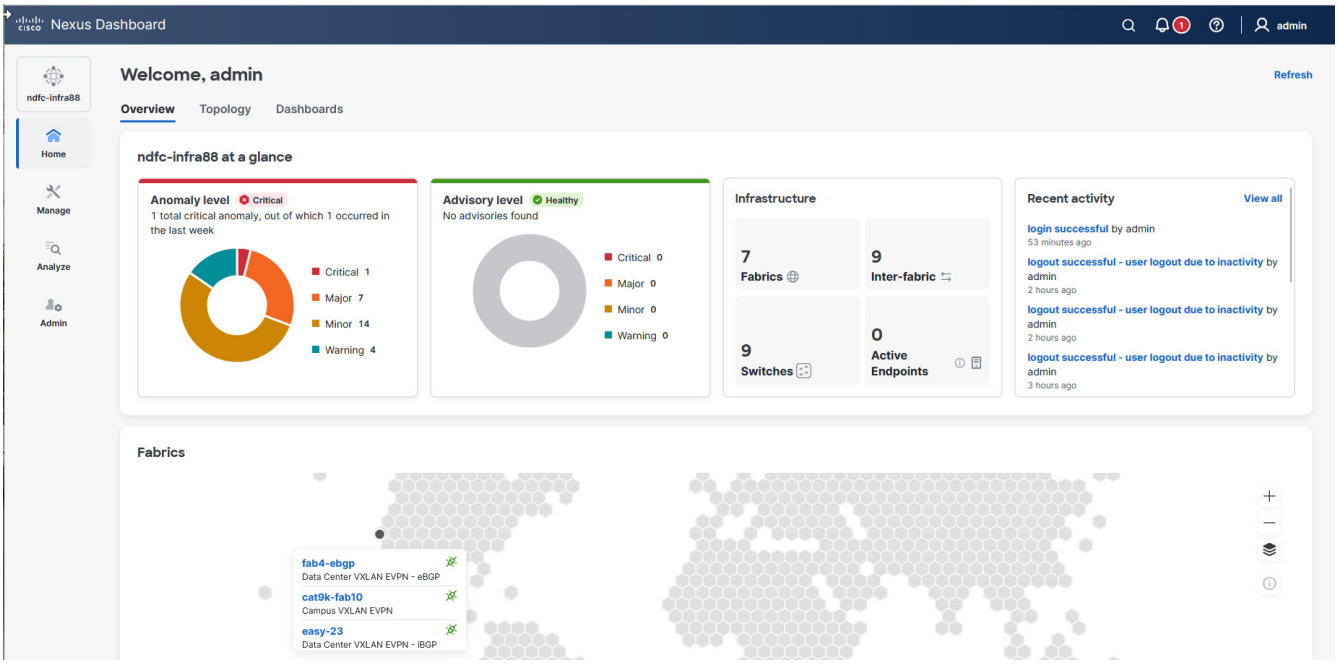
With this release, Nexus Dashboard added these GUI enhancements.

- Updated sliders or drawers so they do not overlap with page headers.
- Updated sliders or drawers to display as a full page or a quarter of a page.
- Moved **What's new** and **Journey** tabs to the **Help center** as drop-down list items under the question mark icon.
- Flipped the order of the world map on the **Welcome** page. **Anomaly level**, **Advisory level**, **Infrastructure**, and **Recent activity** cards display at the top of the **Welcome** page rather than at the bottom of the page.
- Removed the **Fabrics** toggle on the **Fabric Overview** page without any loss of functionality.
- Streamlined approximately 30 tables. Added a **Table Configuration** drawer that you access by clicking the gear icon for expanding or shrinking the size of a table with toggle options for customizing which columns appear.
- Added a download option next to the gear icon for exporting the contents of a page to a .csv file. This feature is available for tables in **Manage > Fabrics** and **Manage > Inventory** pages.
- Added support for persistence of user data for a specified user.
- Updated page footers to display **No results found** for tables where no data exists.
- Added support for defining **Learn More** links within the text rather than in a separate paragraph in the **Help center**.

Updates to the Fabric Overview page

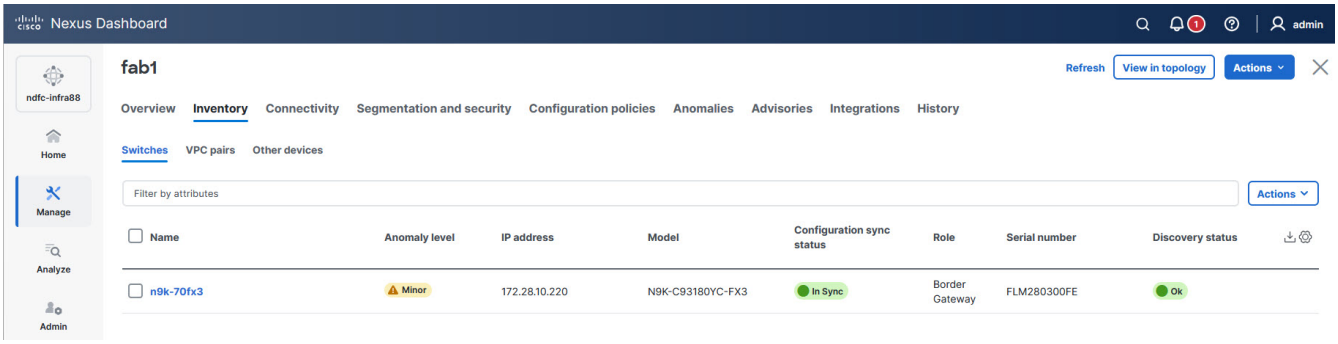
Nexus Dashboard made these updates to the **Fabric Overview** page.

- Flipped the order of the world map on the **Welcome** page. **Anomaly level**, **Advisory level**, **Infrastructure**, and **Recent activity** cards display at the top of the **Welcome** page rather than at the bottom of the page.
- Removed the **Fabrics** toggle on the **Fabric Overview** page without any loss of functionality.



Download option for generating a .csv file

Nexus Dashboard provides a download option next to the gear icon on tables for downloading the contents of a table to a .csv file.

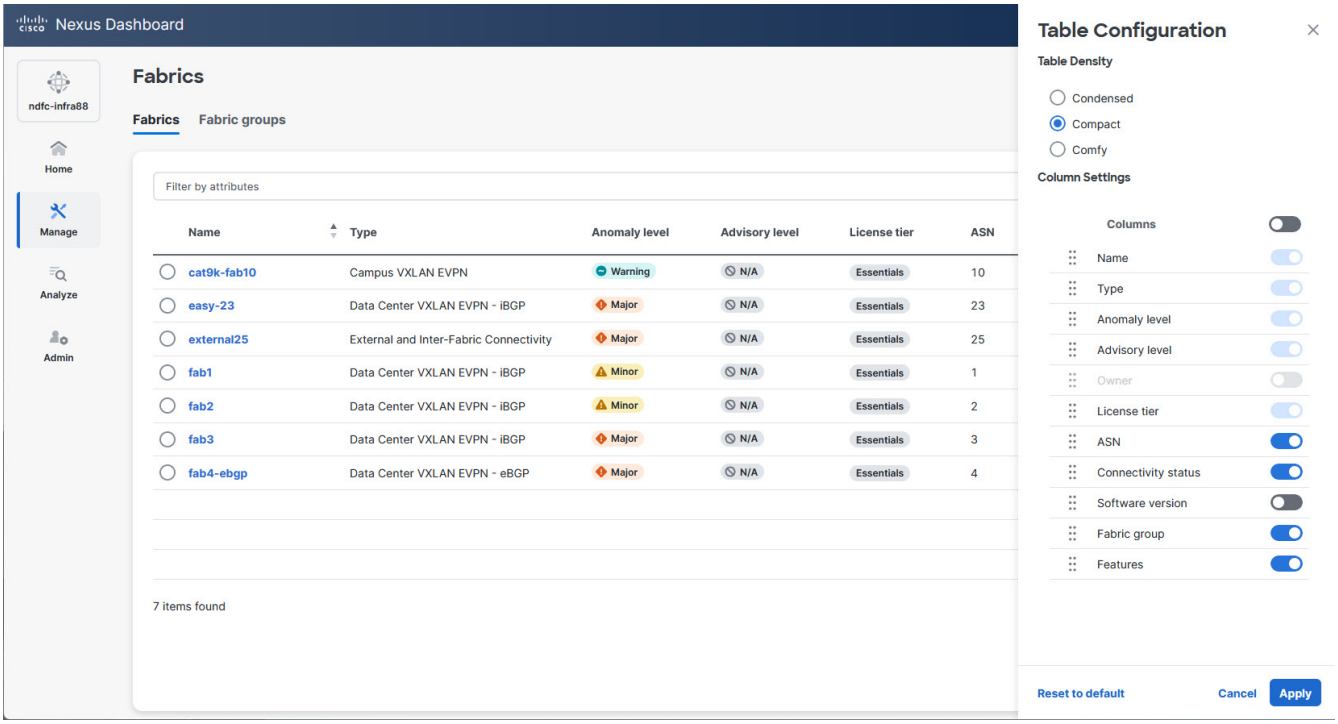


Customize table size and column display

Nexus Dashboard lets you customize the size of tables with the ability to choose toggle options for changing which columns display.

Follow these steps to access the **Table Configuration** drawer and to customize table settings.

1. Click on the gear icon to access the **Table Configuration** drawer.
2. Beside each column name, use the toggle on and off options to customize which columns display on a page.
3. Click **Reset to default** if you want to return to the default table settings.


Nexus Dashboard
ndfc-infra88
Home
Manage
Analyze
Admin
Fabrics
Fabrics
Fabric groups
Filter by attributes
Name
Type
Anomaly level
Advisory level
License tier
ASN
cat9k-fab10
Campus VXLAN EVPN
Warning
N/A
Essentials
10
easy-23
Data Center VXLAN EVPN - iBGP
Major
N/A
Essentials
23
external25
External and Inter-Fabric Connectivity
Major
N/A
Essentials
25
fab1
Data Center VXLAN EVPN - iBGP
Minor
N/A
Essentials
1
fab2
Data Center VXLAN EVPN - iBGP
Minor
N/A
Essentials
2
fab3
Data Center VXLAN EVPN - iBGP
Major
N/A
Essentials
3
fab4-ebgp
Data Center VXLAN EVPN - eBGP
Major
N/A
Essentials
4
7 items found
Table Configuration
Table Density
Condensed
Compact
Comfy
Column Settings
Columns
Name
Type
Anomaly level
Advisory level
Owner
License tier
ASN
Connectivity status
Software version
Fabric group
Features
Reset to default
Cancel
Apply

View components in Topology

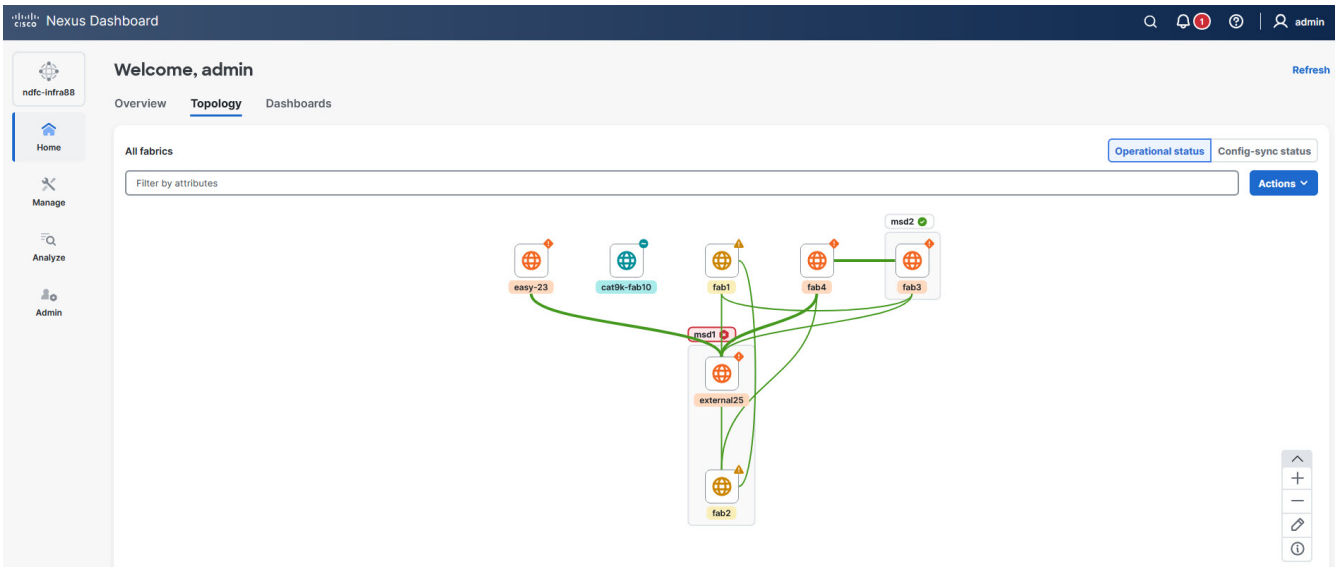
To view Nexus Dashboard topology information, navigate to **Home > Topology**.

The components that are shown and the way you interact with the components in the **Topology** view differ, depending on the type of fabrics you deployed in Nexus Dashboard.

- View LAN fabric components in Topology
- View SAN fabric components in Topology

View LAN fabric components in Topology

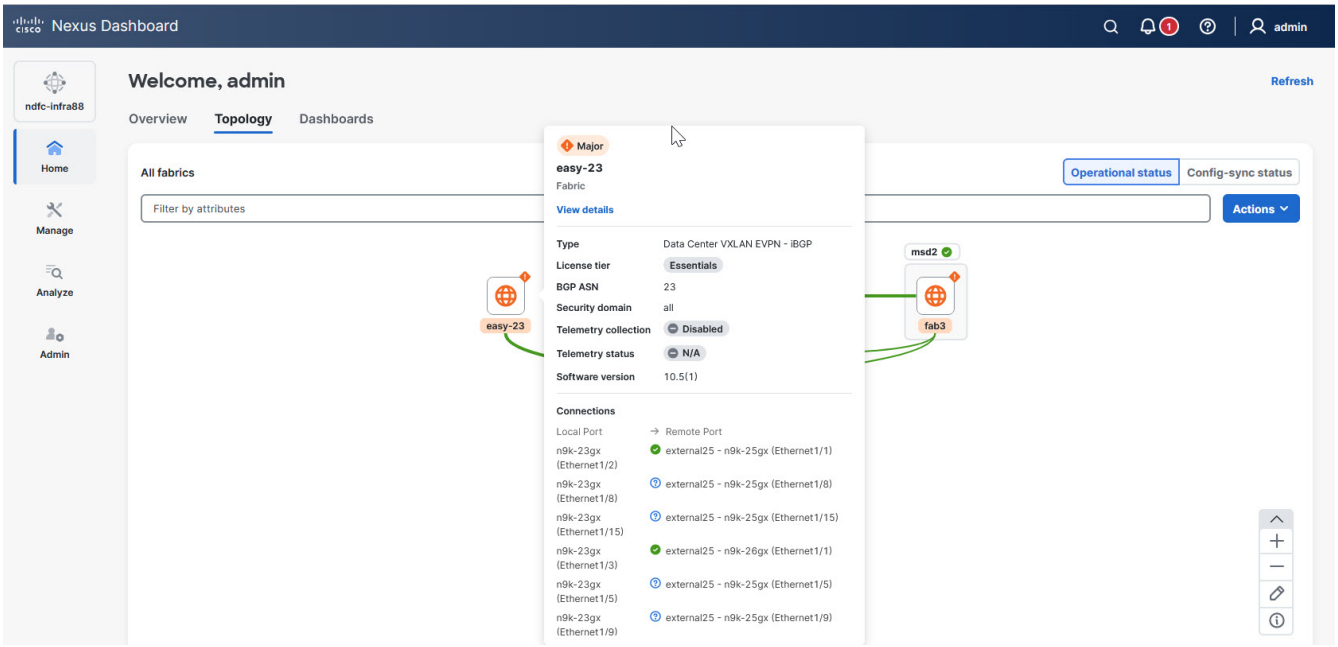
The Topology feature in Nexus Dashboard provides a centralized visualization and management of the entire fabric infrastructure. The **Topology** tab in Nexus Dashboard displays **All fabrics** view and allows you to explore and navigate through all the individual fabrics and fabric groups in Nexus Dashboard. It also displays any vCenter and Kubernetes Cluster Visualizers that you have configured in your network.

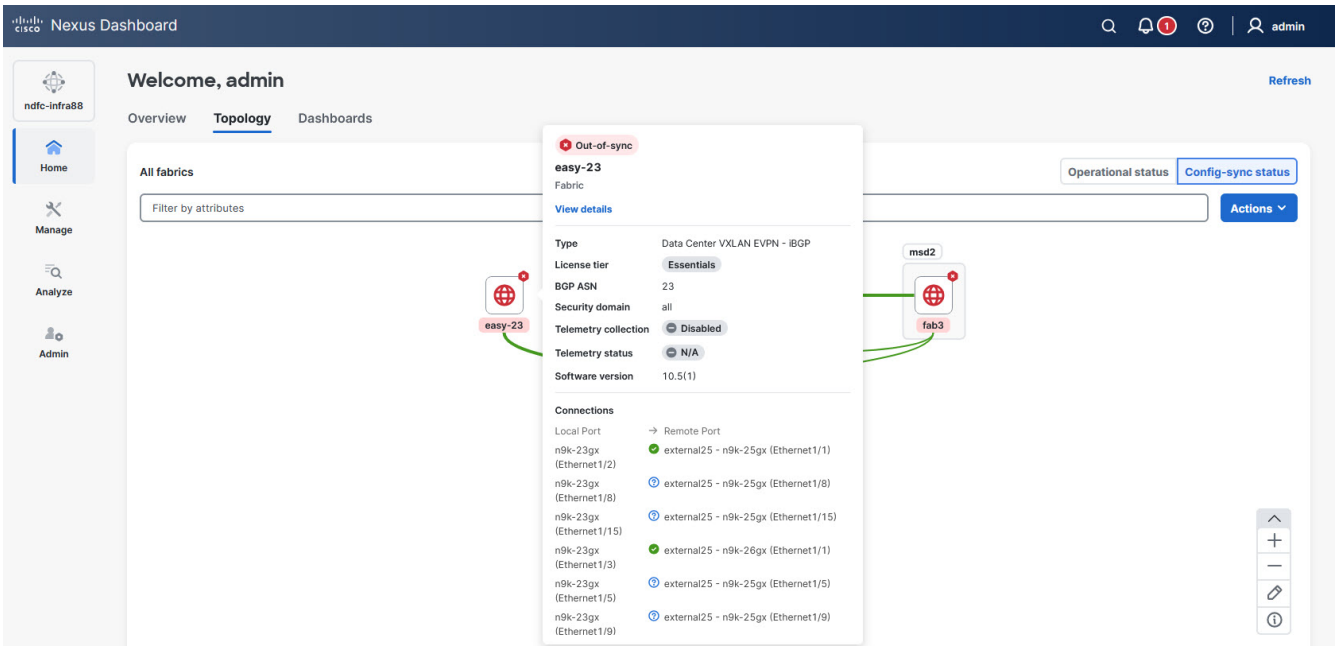


Choose one of these options in the **Topology** page to gain further insights.

- **Operational status**—View the status of your configured network operations
- **Config-sync status**—View the status of your current network configurations

Toggling between these two options changes the definitions of the depicted colors. Click the respective fabric icon on the page to access the color legend and to understand the color codes and access additional information.





The navigation controls at the lower-right corner of the **Topology** page allows you to access the **Topology Legend** and additional information. Click the (i) icon located in the navigation controls to access the **Topology Legend** drawer. The zoom controls let you zoom in using **+** and zoom out using **-** icons. The **Edit** icon located in the navigation controls enables you to modify the topology layout. For LAN fabrics, you can also view the **Open Snapshots** icon in the navigation controls if you enable the **Topology snapshots** option in the **System Settings** page. For more information, see View topology snapshots.

The **Actions** drop-down list displays contextual options based on the current view. For example, when you are in the **All fabrics** view, the **Actions** drop-down list displays options related to that view. Similarly, when you navigate to a single fabric view (such as **All fabrics > msd1 > fab1**), the **Actions** drop-down list provides options specific to that single fabric.

The **Actions** drop-down list also displays layout options to change the layout, aggregate the depicted links, and other contextual actions specific to the type of node.

The **Preview** and **Deploy** options are available only on specific types of nodes, such

as switches. The contextual options displayed in the **Topology** page vary based on the node type that you chose.

These sections provide more information on specific areas on the **Topology** page.

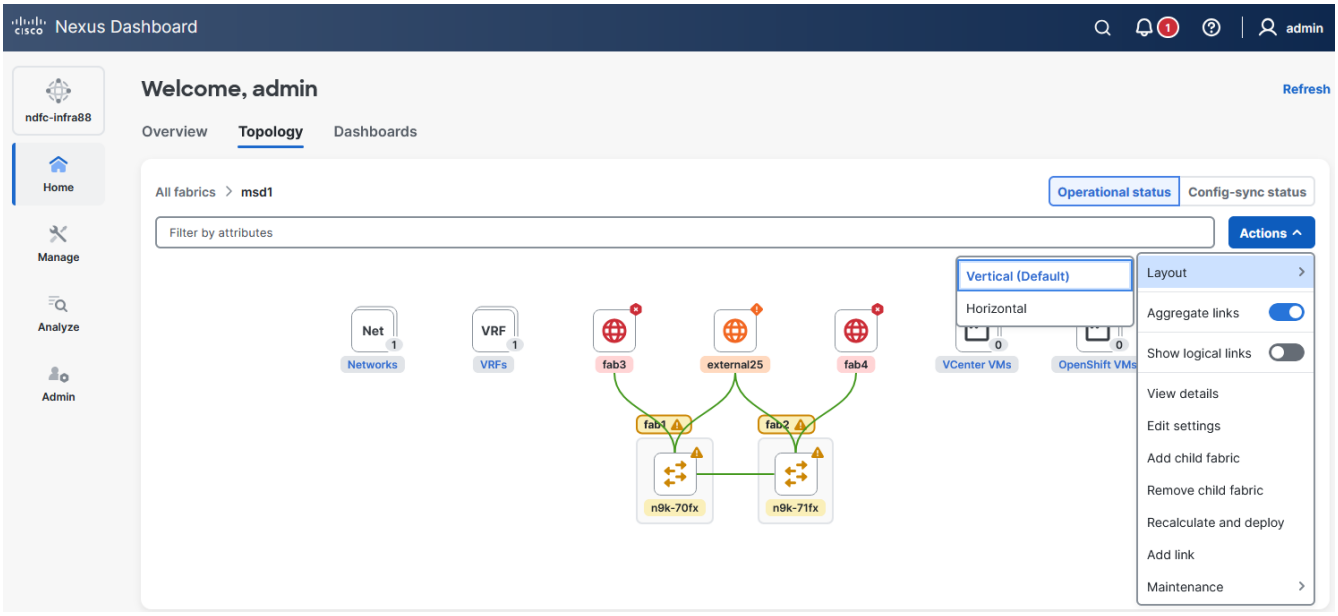
- Layout selection
- Topology legend
- Tooltips
- Contextual menus
- Filtering
- Link aggregation
- Navigate to a fabric group
- Intra-fabric navigation
- Overlays
- Network overlays
- VRF overlays
- Security group overlays
- VM overlays
- Multi-node selection

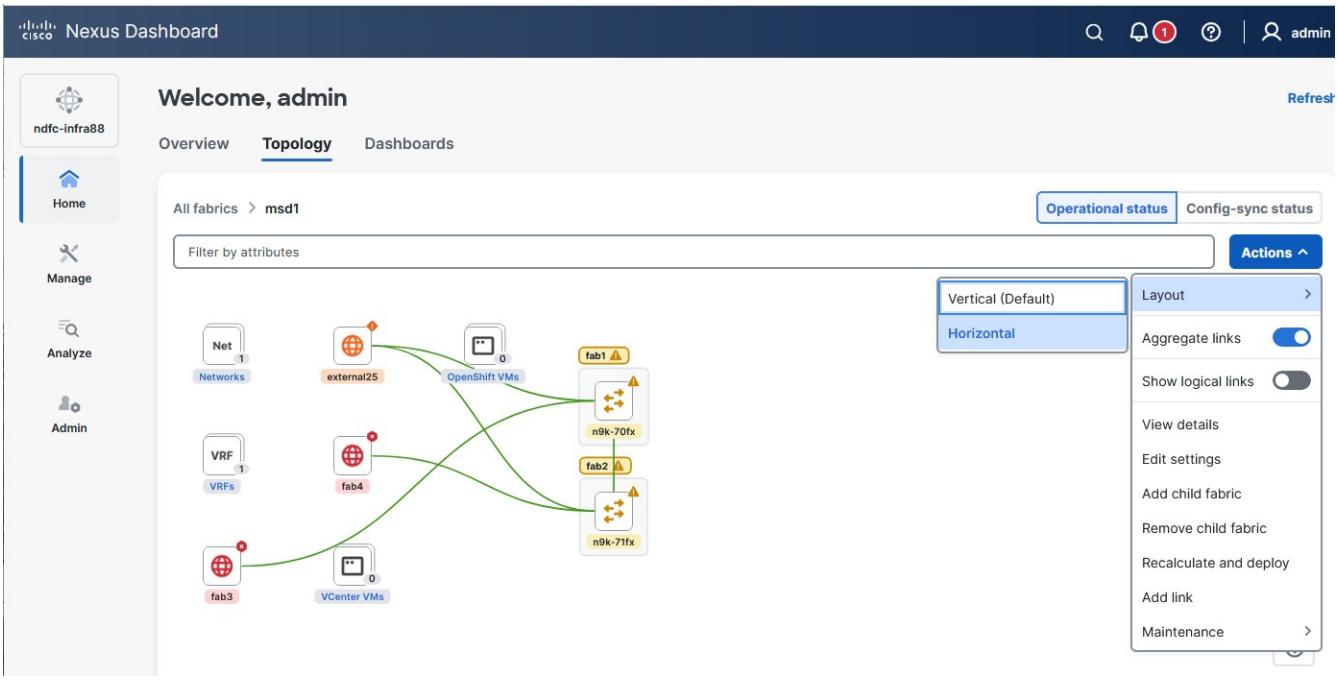
Layout selection

You can choose two types of predefined layouts by navigating to **Actions > Layout**.

- Vertical (default)
- Horizontal

These figures show examples of both types of layouts.





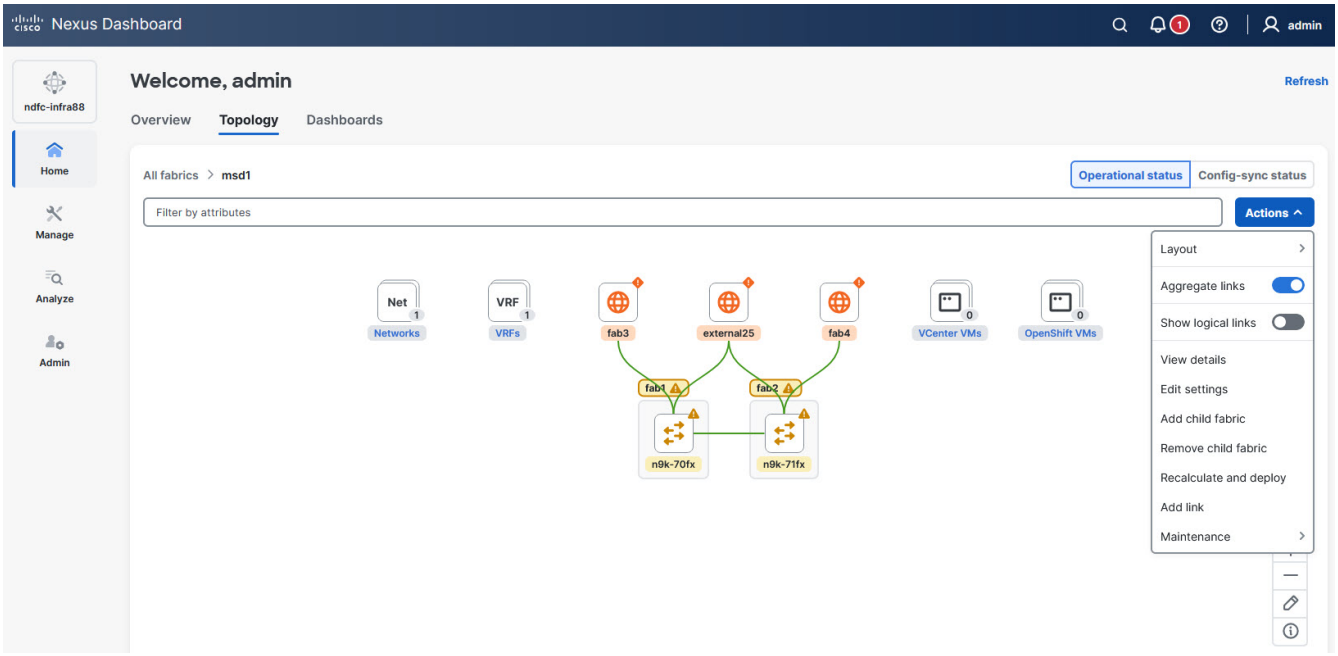
The vertical layout allows scrolling only along the vertical axis, while the horizontal layout allows scrolling along the horizontal axis. Depending on the layout you choose, the other axis remains constant according to your page size. When you zoom in or out, certain elements may shift to ensure all the elements are visible within the selected layout.

If neither of the layout provides the desired view, click the **Edit** icon in the navigation controls at the lower-right corner of the **Topology** page to switch to freeform edit mode. In **Edit** mode, you can move the elements around the page until you achieve the desired arrangement, then click the **Save Layout** icon to save your layout. Nexus Dashboard automatically displays this saved layout each time you return to this view.

Follow these guidelines when you are in freeform edit mode.

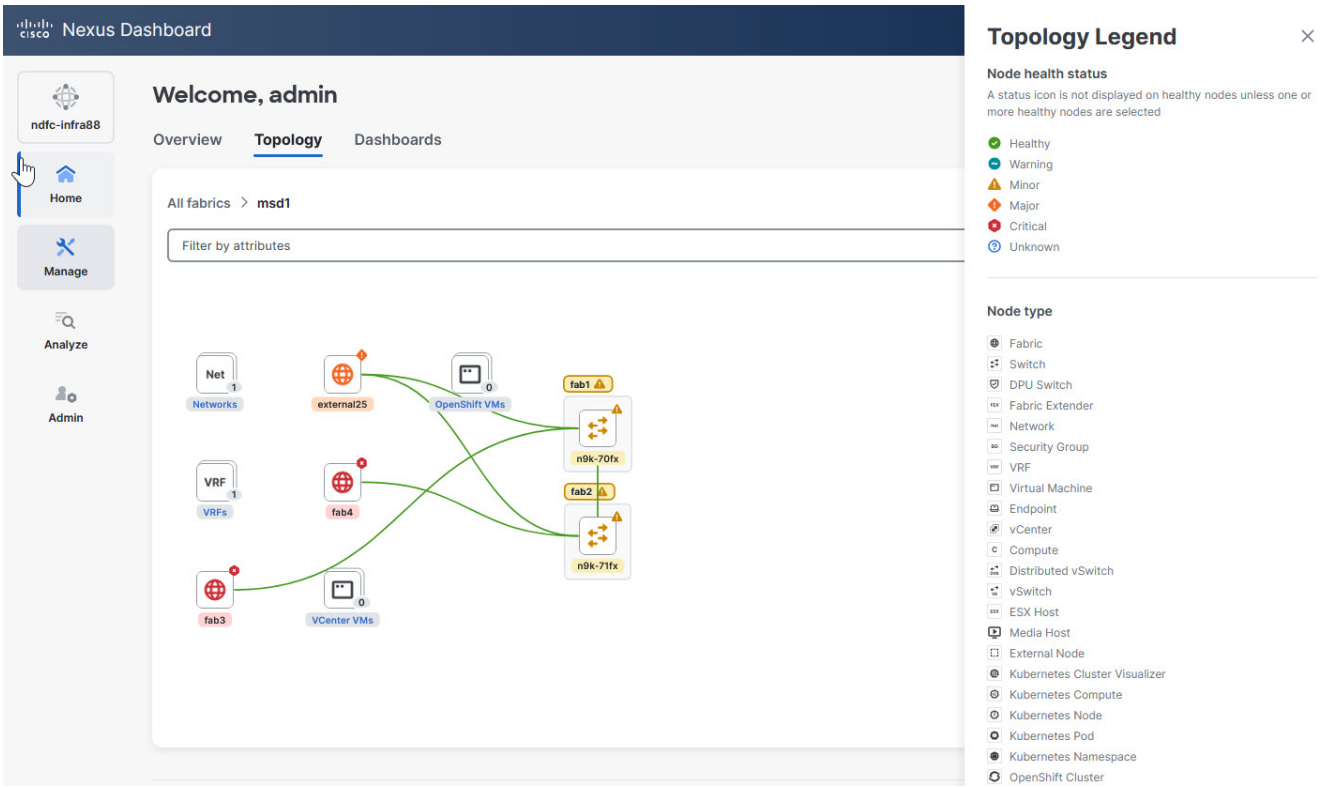
- You can save only one freeform layout edit at a time; clicking **Edit** icon, moving elements around, and clicking **Save Layout** icon again overwrites the previously saved freeform layout.
- Tooltips are disabled when you are in freeform edit mode. To re-enable tooltips, click the **Save Layout** icon.

After you save a freeform layout, the **Custom** option appears and is selected by default under **Actions > Layout**. The **Delete Custom Layout** option also appears, that allows you to delete your freeform layout when you no longer wish to use it.



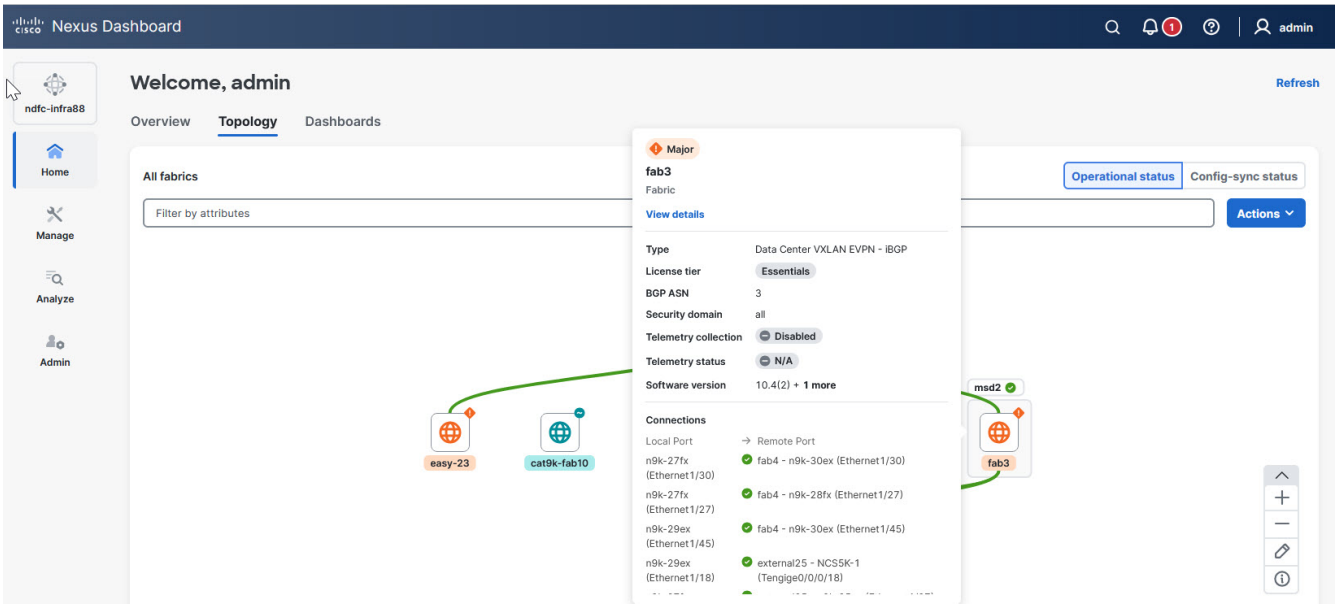
Topology legend

Click the **Info** icon in the navigation controls at the lower-right corner of the **Topology** page to access the **Topology Legend** drawer. Refer the legends under **Node health status** and **Node type** to understand the icons associated with the elements displayed in the **Topology** page.



Tooltips

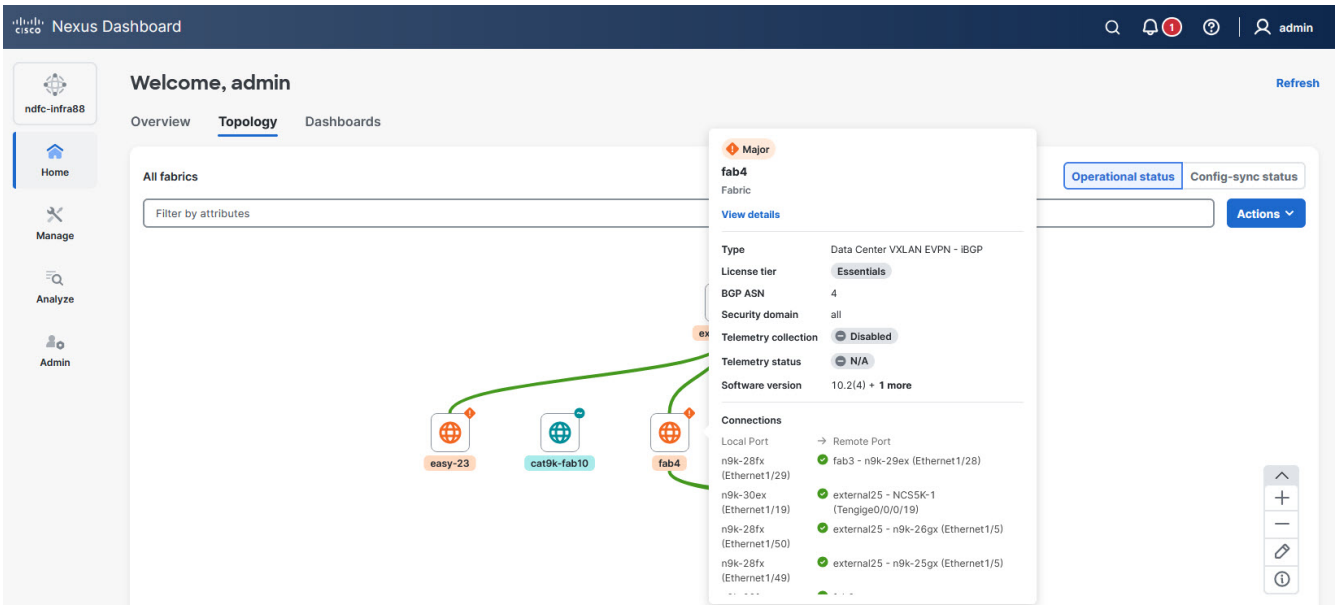
Tooltips provide quick and relevant information about elements in the **Topology** page to enhance usability and navigation. Single-click on an element (such as a node, link, or device) to view the tooltip that provides a general summary of that element, including key details such as its name, status, and type.



For example, single-clicking on a node displays tooltip that provides information about the existing connections and a summary of general information. You can scroll through the content of the tooltips.

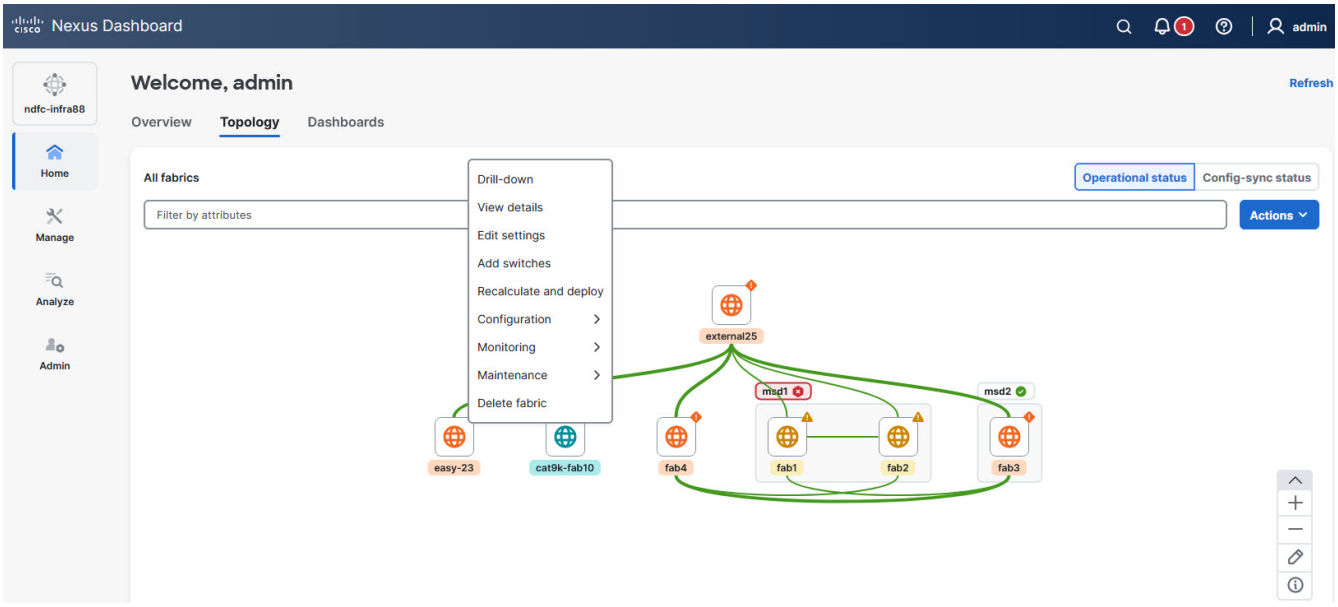
You can also click **View details** to view the **Fabric Overview** page.

Clicking on a link provides information about the connected interfaces and the names of the connected devices.



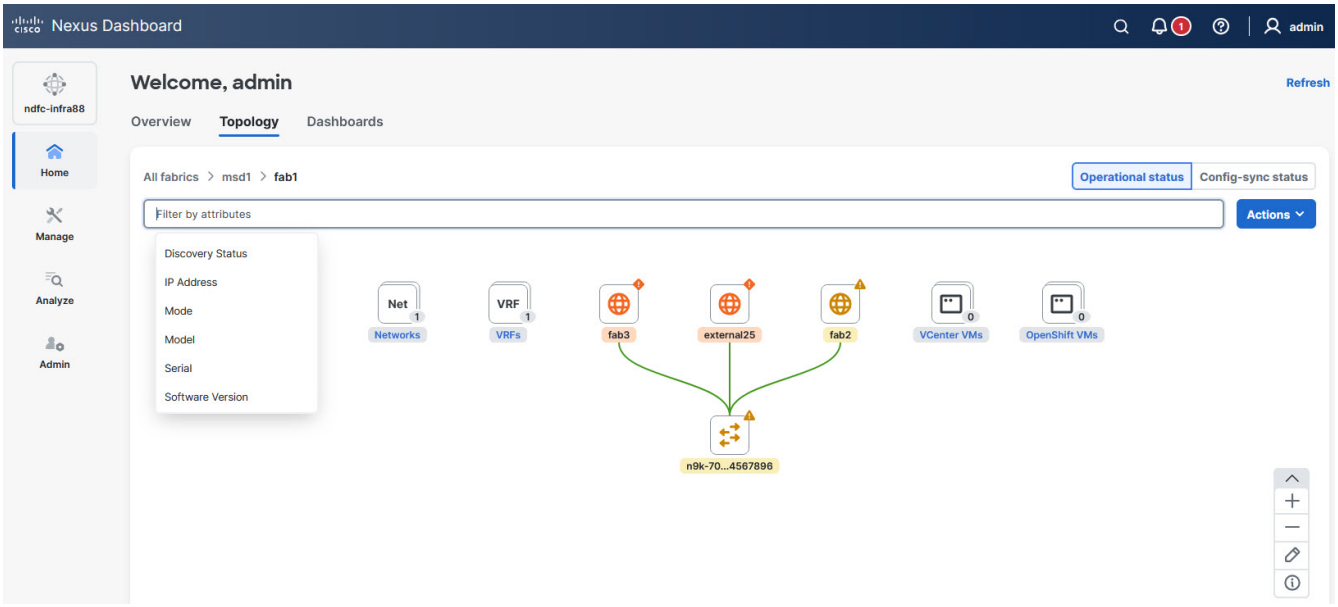
Contextual menus

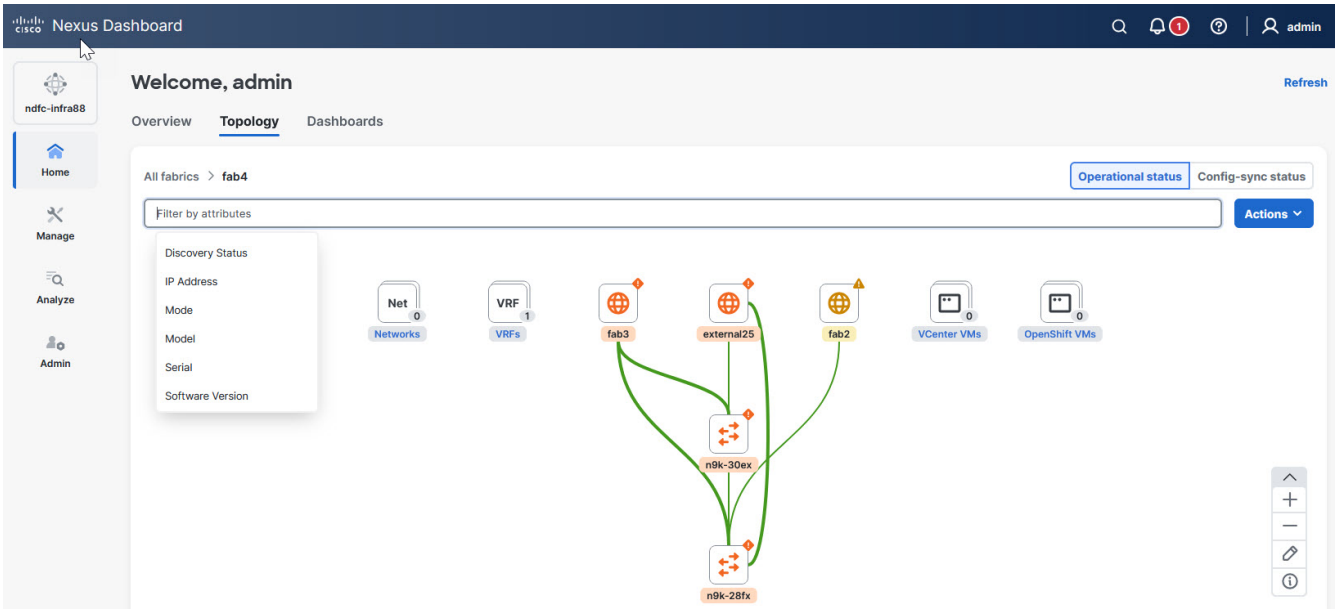
Right-clicking on any element in the topology view displays a contextual menu with options relevant to the specific element.



Filtering

The **Filter by attributes** drop-down list displays possible filters and operators that you can apply to the current view. The filter options vary depending on the view you are in.





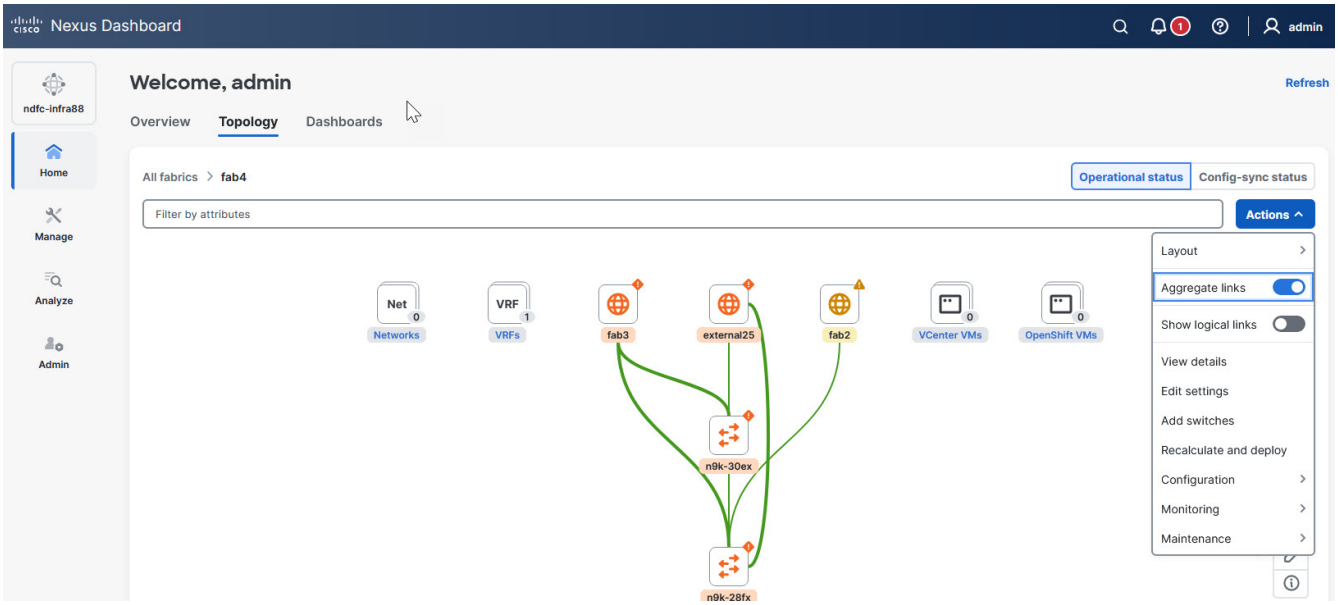
Link aggregation

Link aggregation enables you to simplify the visualization of network connections in the topology view by combining multiple links into a single, aggregated representation.

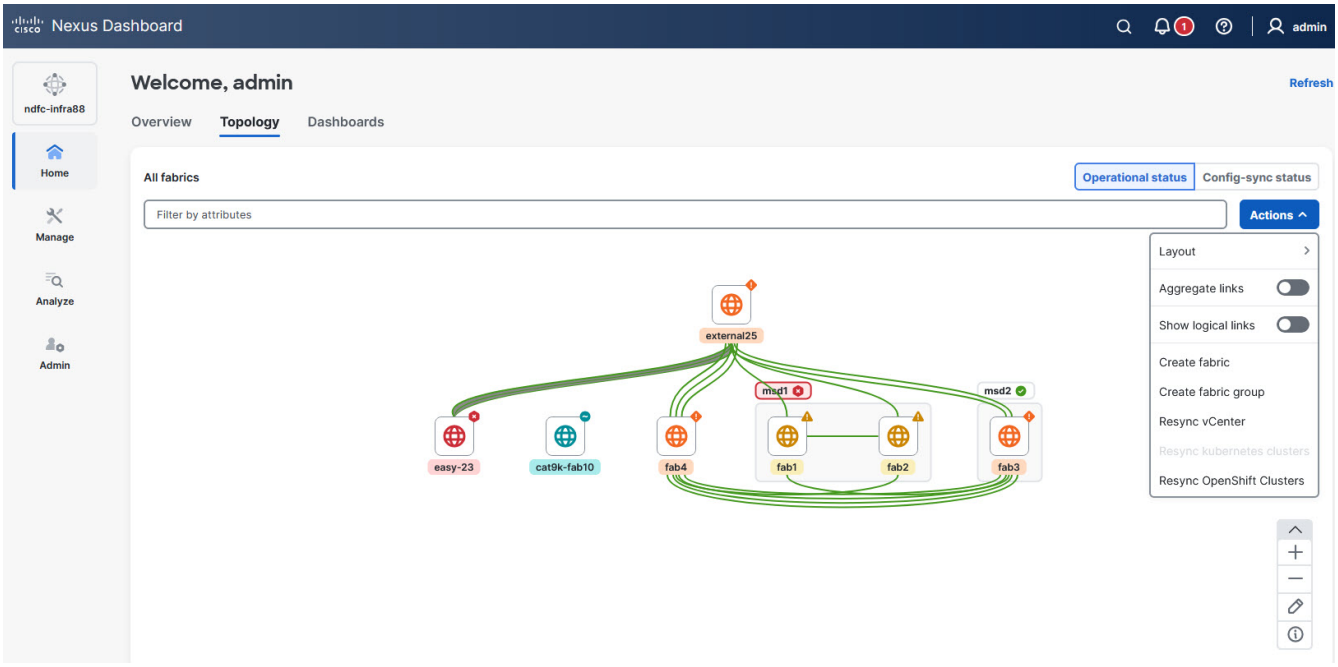
In the **Actions** drop-down list, a toggle is available for **Aggregate links** option, which is enabled by default.

When **Aggregate links** option is enabled, all the individual full lines representing separate links are merged into one thick full line and all the individual dotted lines, typically denoting secondary or backup links, are combined into one thick dotted line.

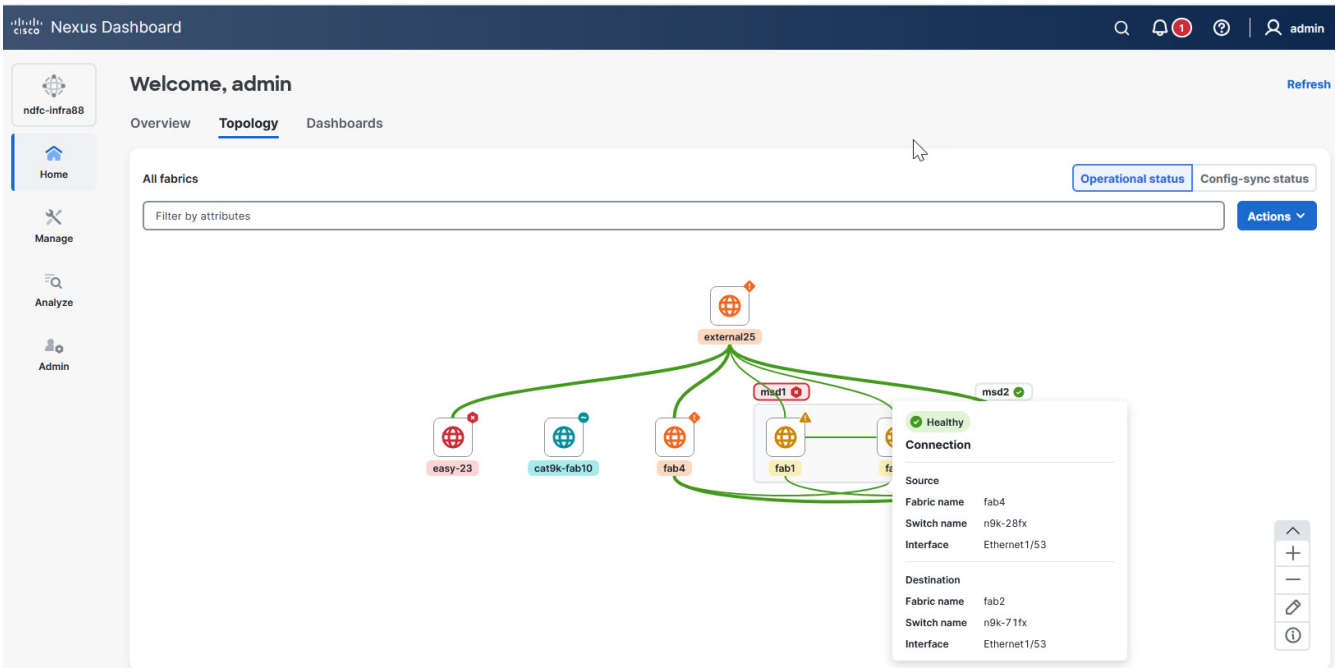
This figure shows an example scenario where the **Aggregate links** option is enabled.

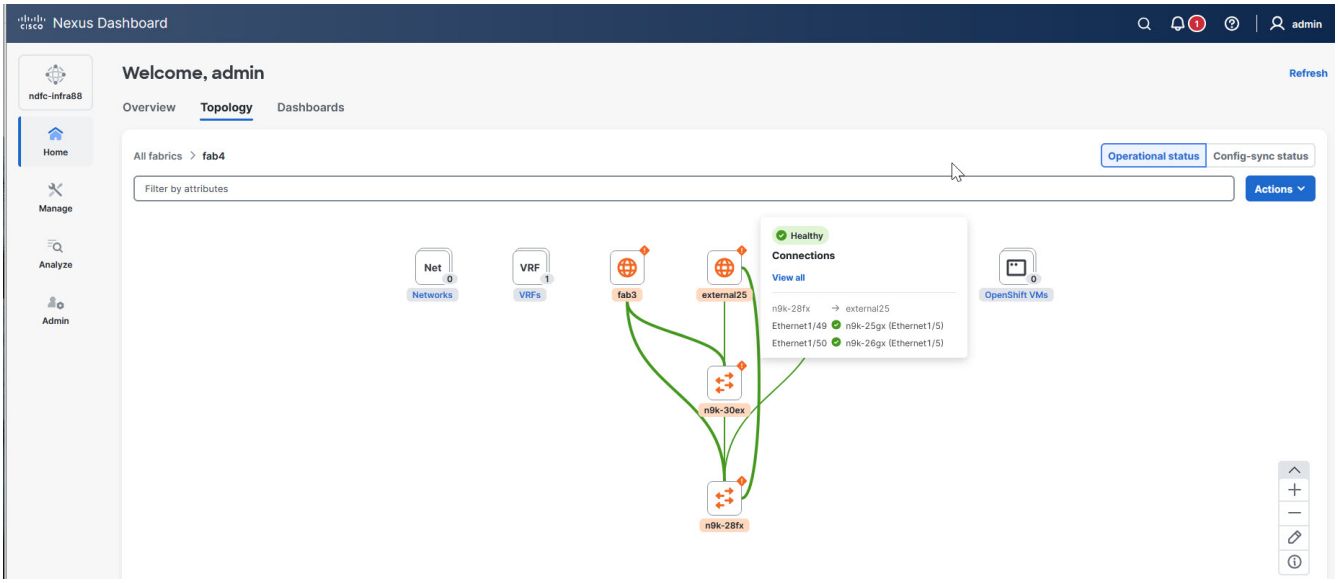


This figure shows an example scenario where the **Aggregate links** option is disabled.

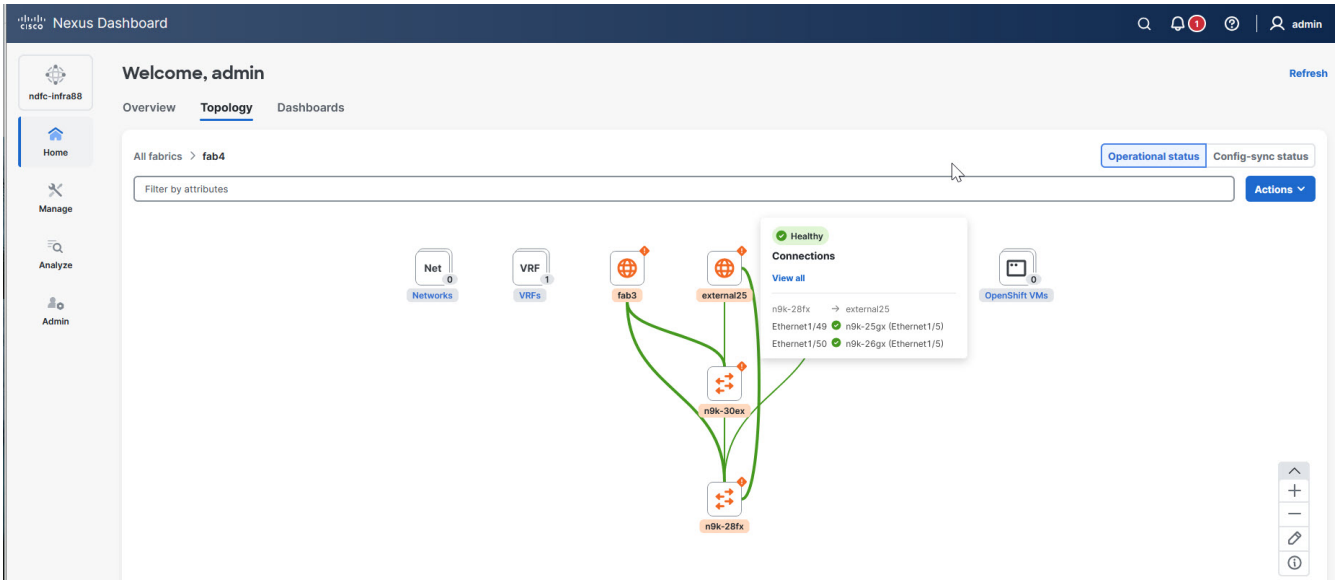


Click on the line to view a detailed summary of all the connections within an aggregated link.





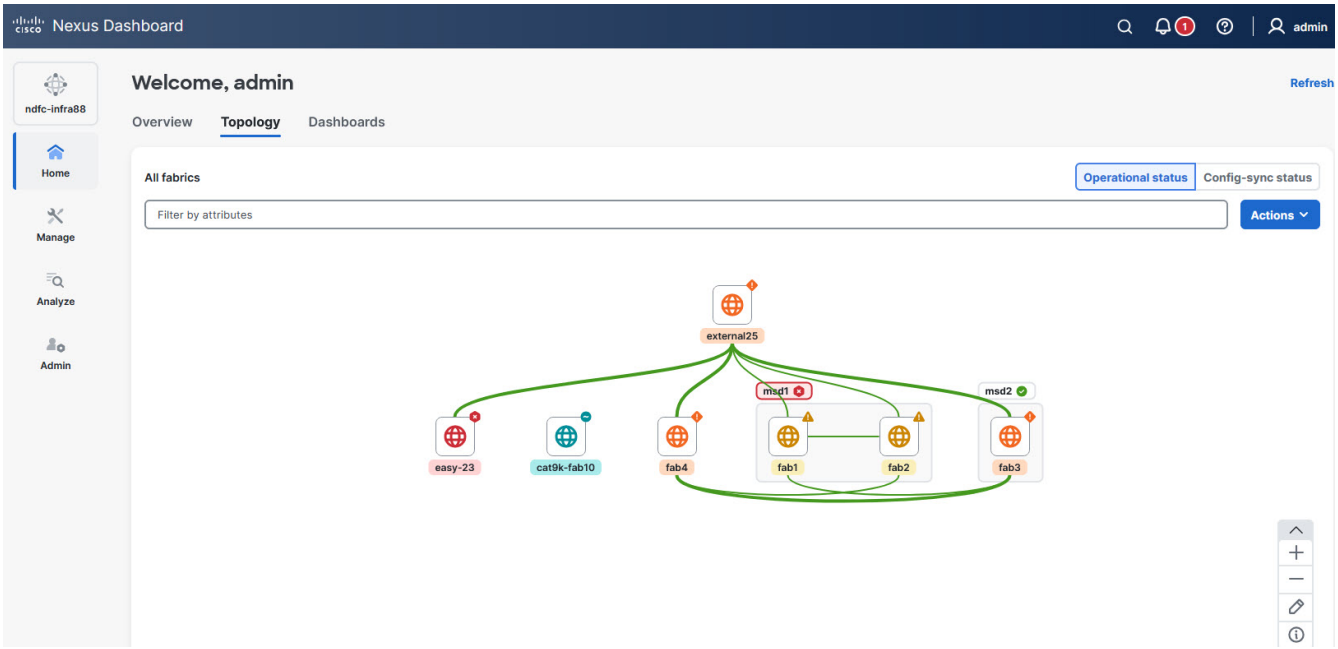
To perform specific actions on the aggregated links, click **View all** from the depicted content. This action redirects you to the **Connections** page in Nexus Dashboard, which lists all connected interfaces.



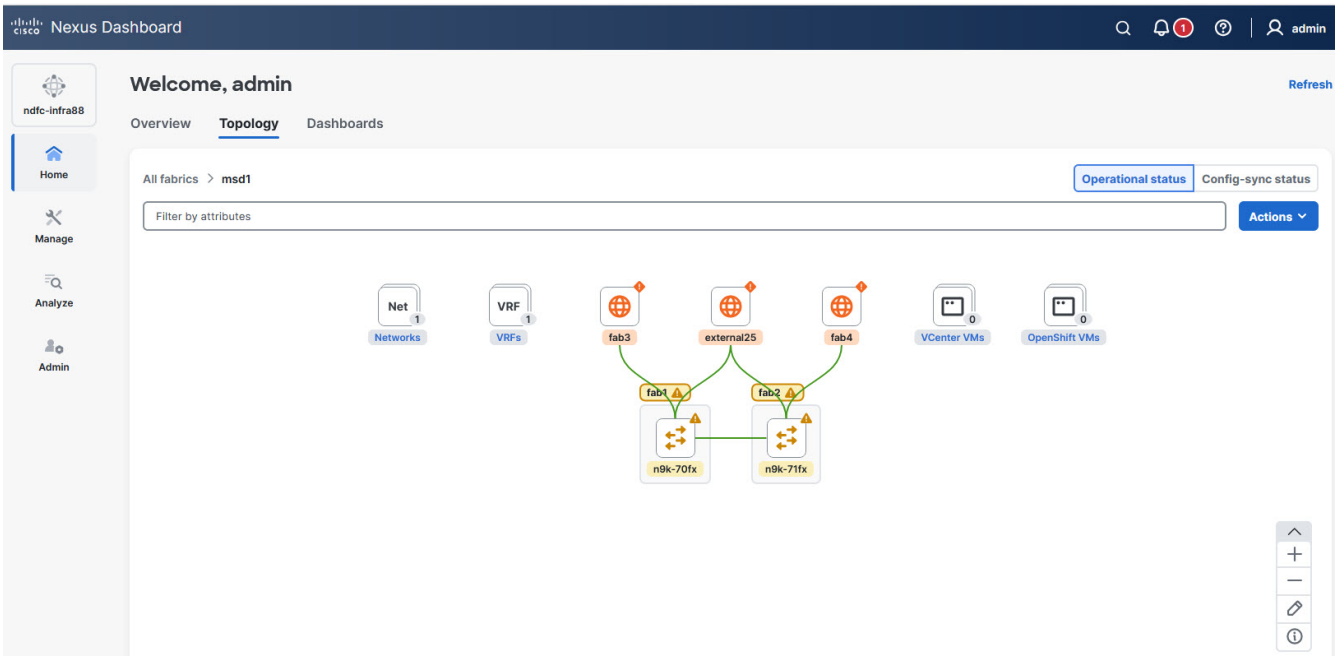
Navigate to a fabric group

Fabric groups provide a hierarchical representation of fabrics and their components. They are visually depicted as gray boxes that encapsulate all of their child fabrics.

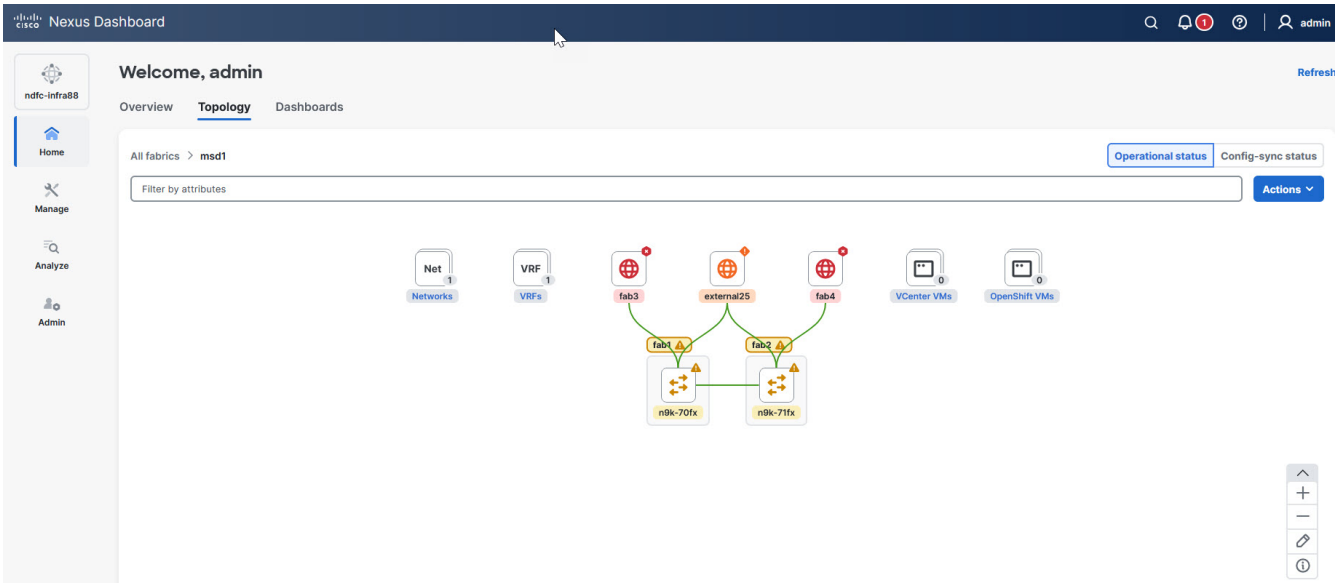
Locate the gray box representing the desired fabric group in the **Topology** view.



Double-click on the gray area of the fabric group. This displays a detailed view showcasing all child fabrics within the group, down to the switch level.

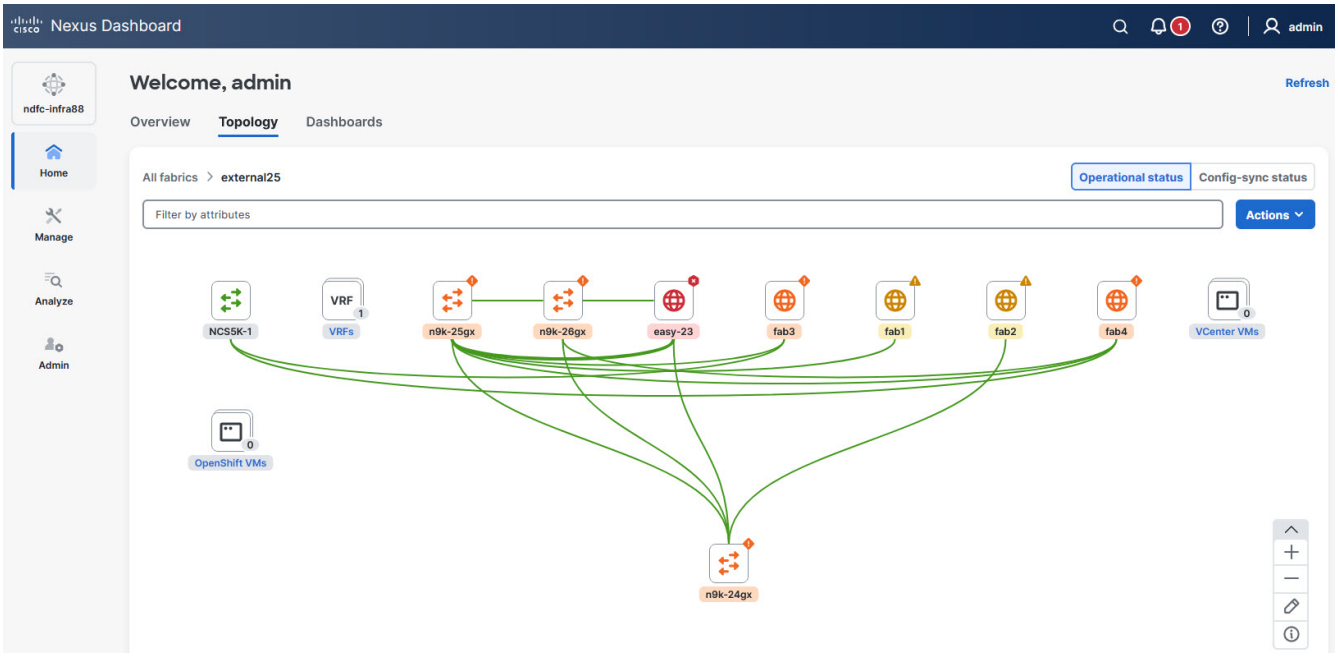


Within the child fabrics view, locate the gray areas representing individual fabrics. Double-click on the gray area of a specific child fabric to navigate into it.

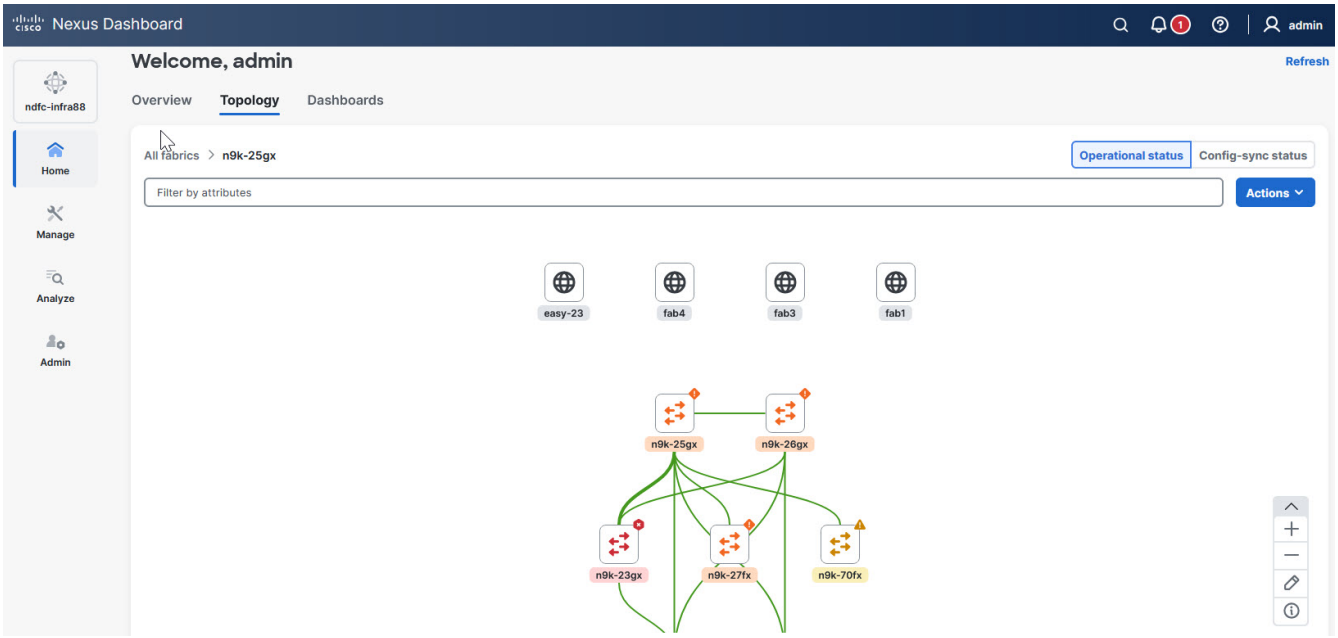


Intra-fabric navigation

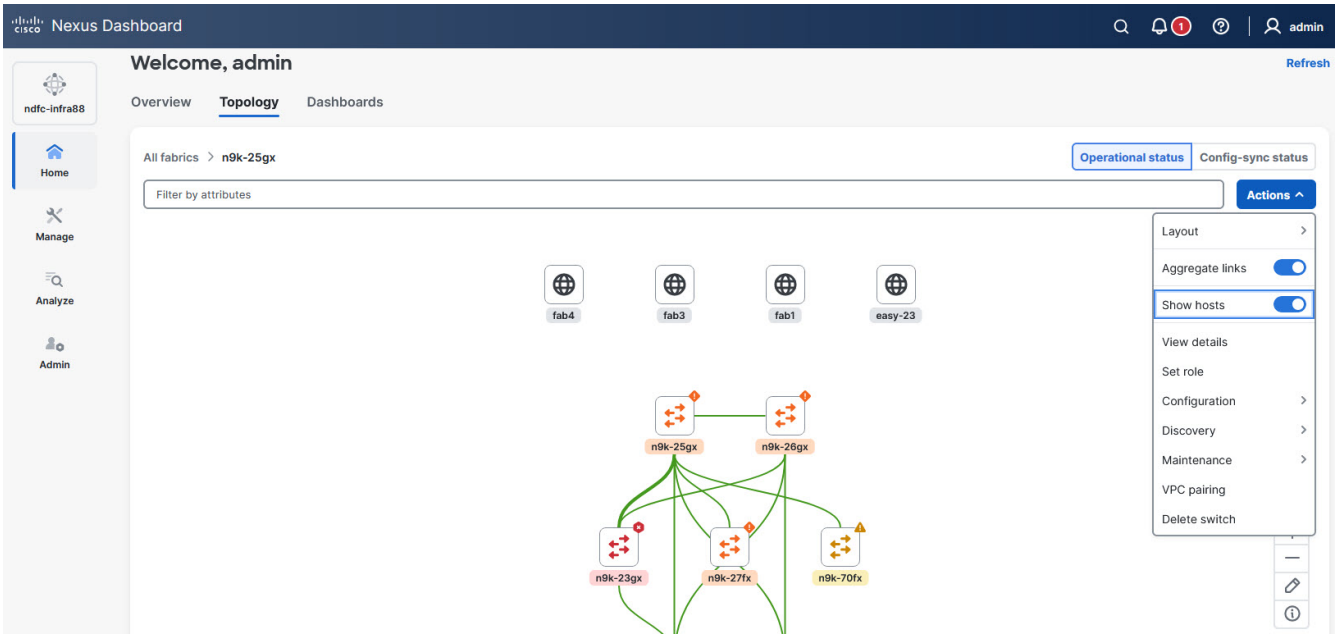
Intra-fabric navigation allows you to explore and interact with the topology of individual fabrics at a detailed level. While in the **All fabrics** view, you can double-click on any of the nodes marked with a globe icon to open the topology for that specific fabric, displaying its connections down to the switch level.



To view the topology for a given switch, double-click on any of the nodes.



To display endpoints, such as hosts or other connected devices, within the topology of the fabric, click the **Actions** drop-down list and toggle the **Show hosts** option on.

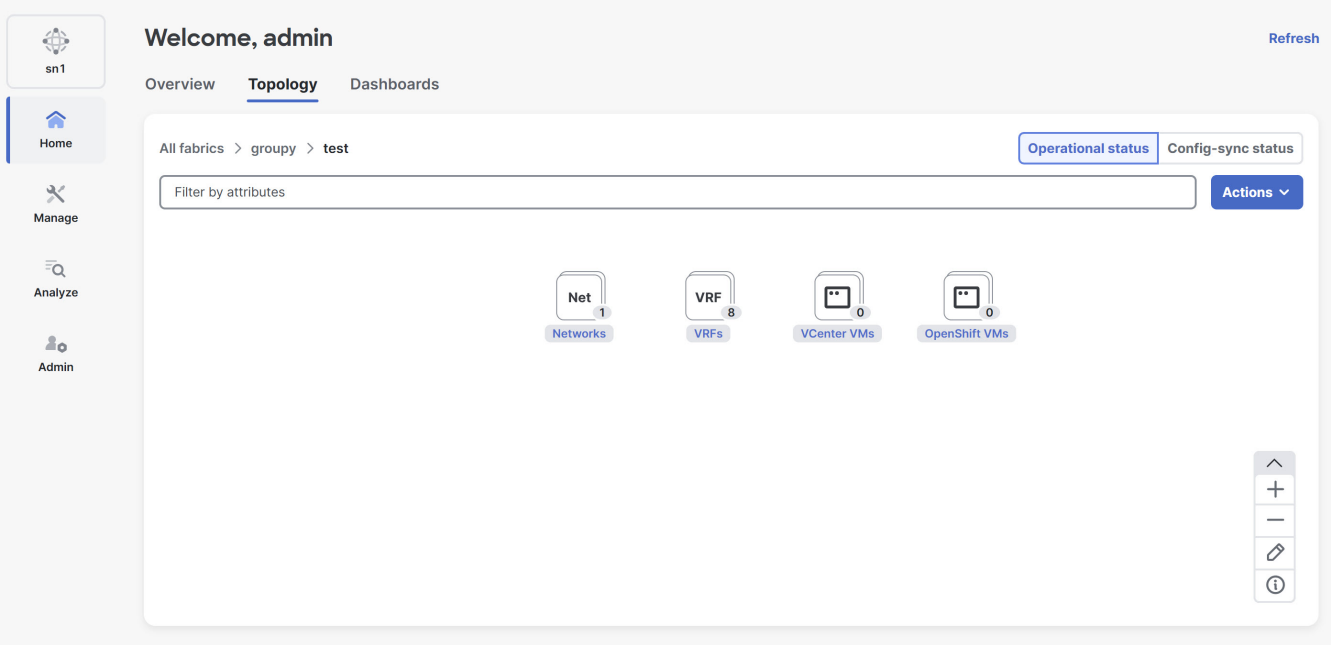


Overlays

Overlays are visual elements represented as nodes within the interface. Each node includes a number badge displayed to its right, indicating the total number of associated elements. The text label accompanying the node functions as an interactive link. When you click the text label, it opens a drawer where the corresponding data is organized and displayed in a table format for detailed viewing.

In addition to clicking the text link, you can access the same drawer through these alternative actions.

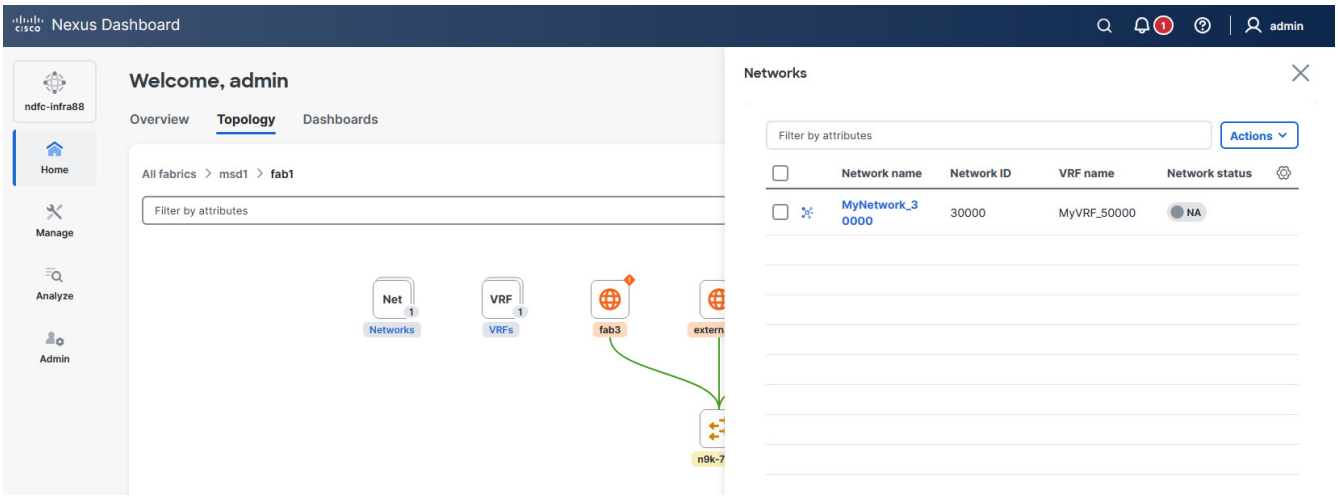
- Double-clicking directly on the node.
- Using the tooltip—Hover over the node to activate the tooltip, then click on the **View all** option within the tooltip.



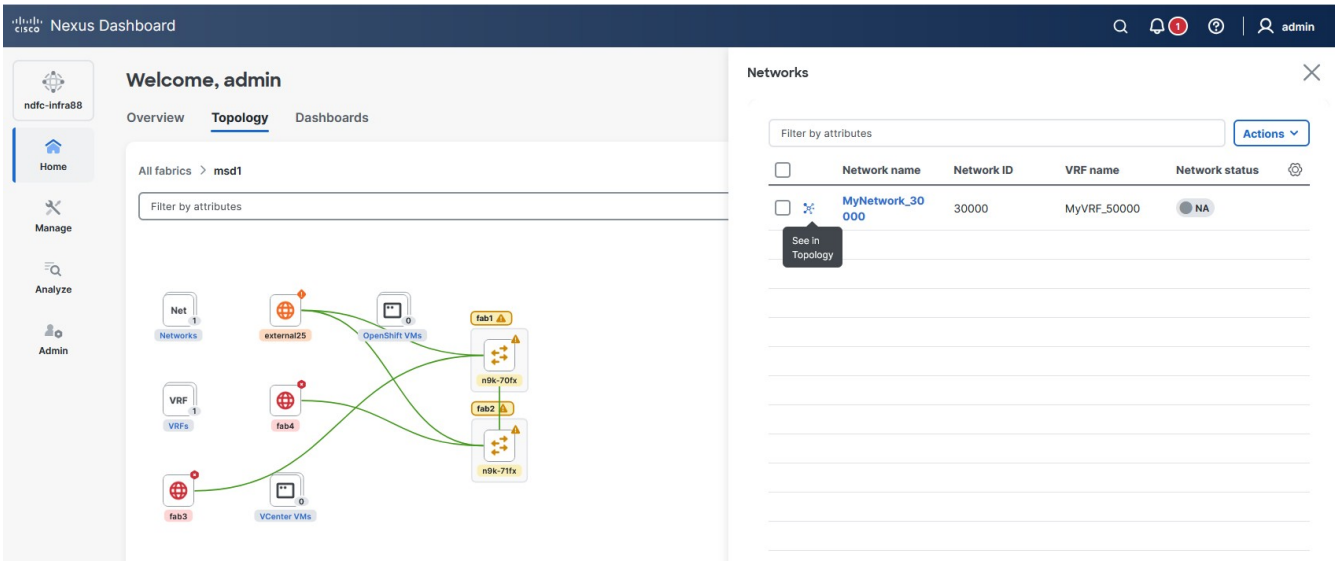
Network overlays

Network overlays provide a visual representation of the network topology and allows you to interact with and manage various networks.

Double-click the number displayed on the network overlay node to open the side drawer. This side drawer lists all the available networks for easy navigation. The first column displays a spin icon for each network. Clicking this icon opens the specific topology associated with the chosen network.



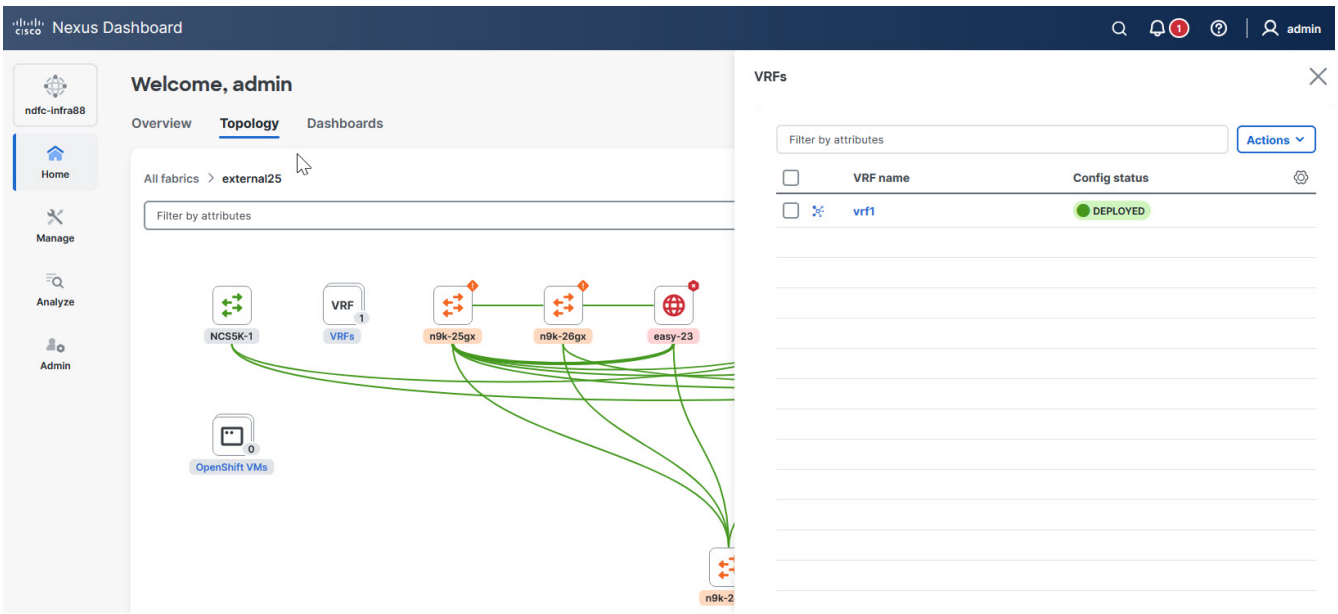
Click the spin icon next to the network name to render the topology for this network. Upon accessing the topology of the network, you are automatically placed in **Configuration** mode. In this mode, the layout selection option is disabled by default, ensuring that configurations are prioritized.



VRF overlays

VRF overlays provide a visual representation of Virtual Routing and Forwarding (VRF) instances within the network topology.

Double-click the number displayed on the VRF overlay node to open the side drawer. The first column displays a spin icon that you can use to access the topology of each VRF.

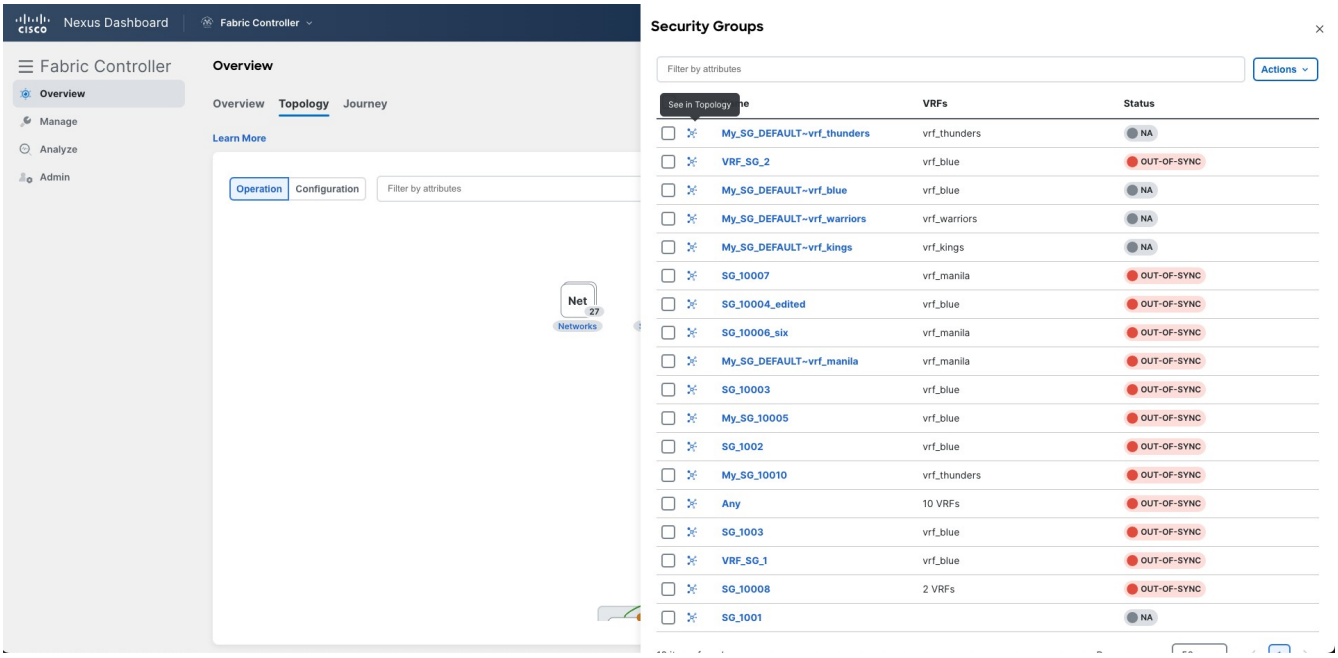


Click the spin icon to render the topology for this VRF. Upon accessing the topology of the VRF, you are automatically placed in **Configuration** mode. In this mode, the layout selection option is disabled by default, ensuring that configurations are prioritized.

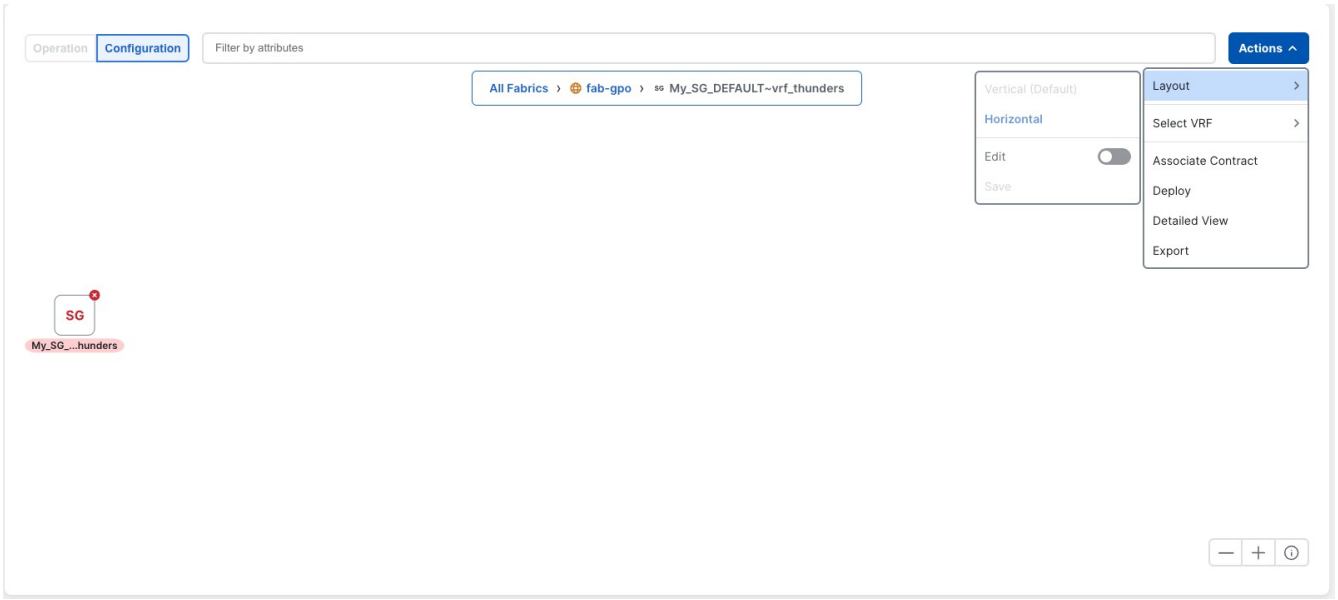
Security group overlays

Security group overlays provide a visual overview of all the configured security groups within the network topology.

Double-click the number on the security group overlay node to open the side drawer. The first column displays a spin icon that you can use to access the topology specific security group.



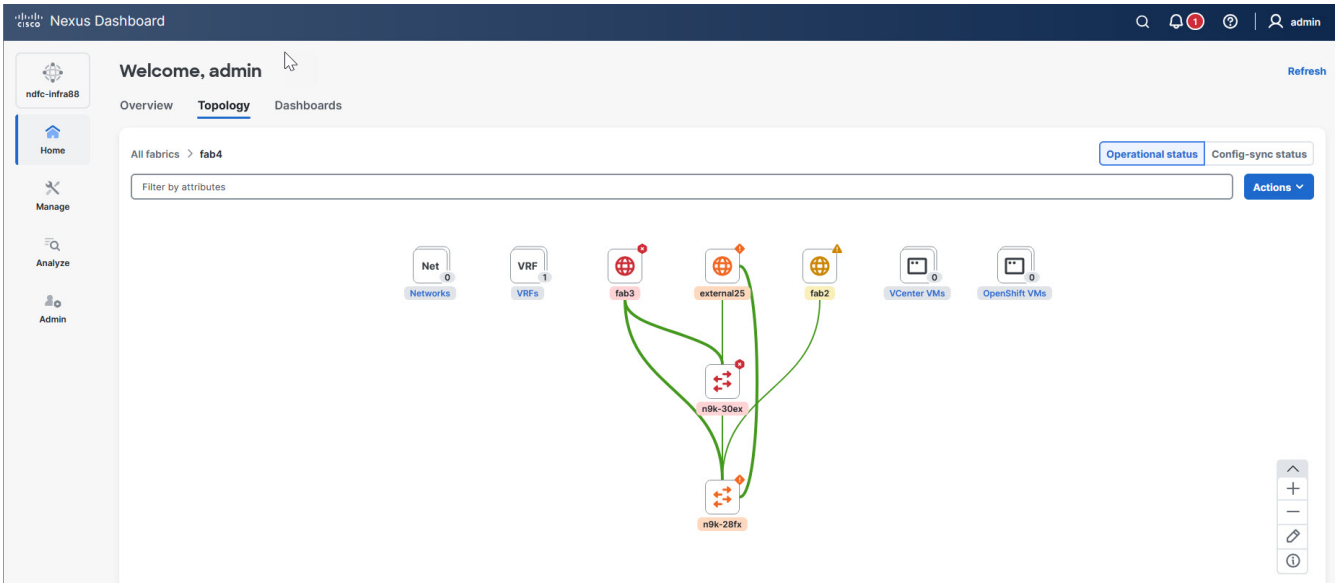
Click the spin icon to render the topology for this security group. You are placed in the **Configuration** mode by default with the layout selection disabled and the layout changed to horizontal.



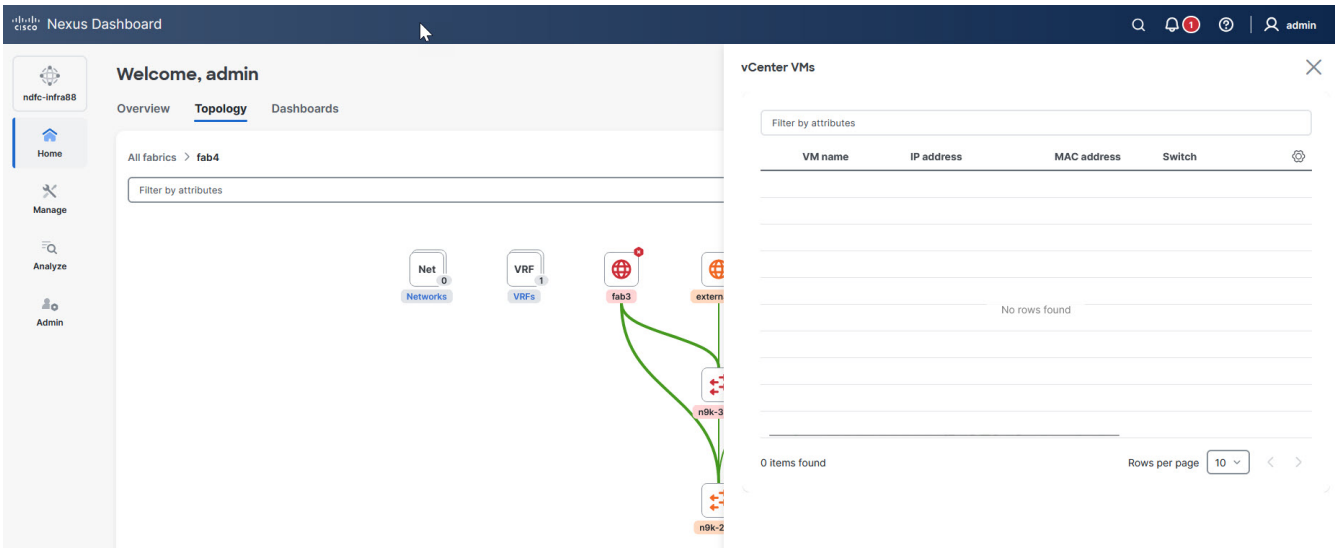
VM overlays

VM overlays provide a visual representation of all virtual machines (VMs) within the network topology.

Double-click the number on the VM overlay node to open the side drawer. The first column displays a spin icon that you can use to access the topology of each VM.



Click the spin icon to render the topology for this VM, with the layout selection disabled.



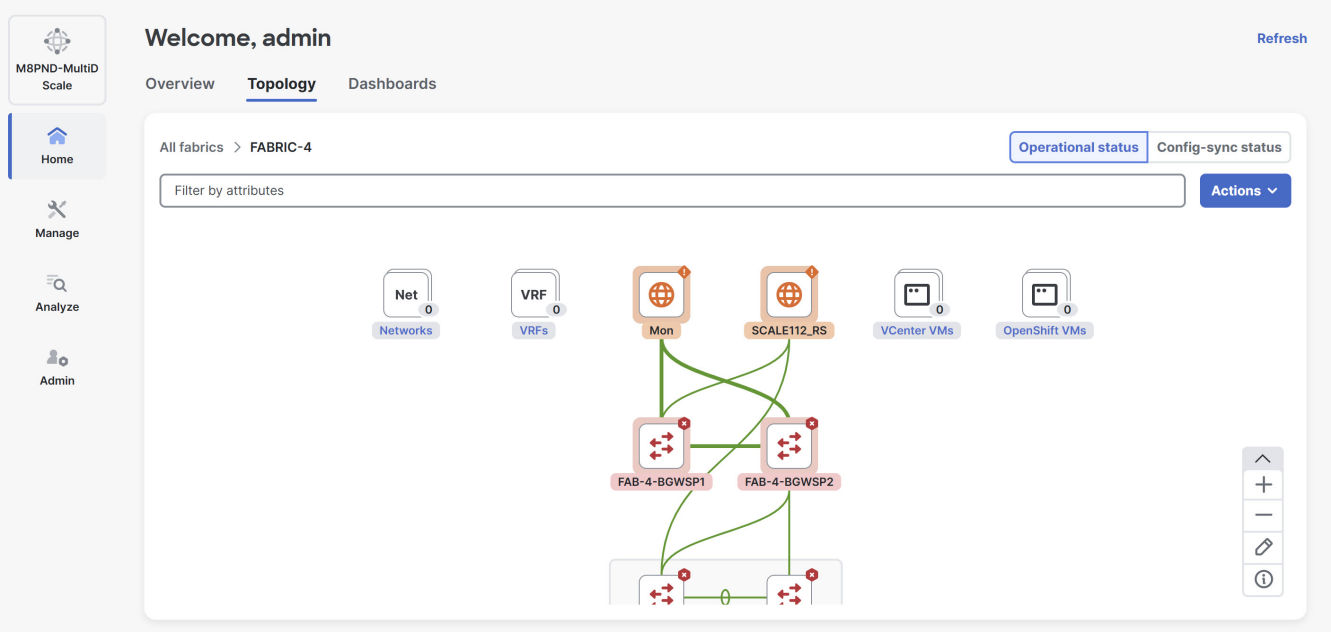
The **Topology** page does not display connectivity between FEX devices and ESX hosts or VMs. Although the switch view on the **Topology** page includes FEX switches and displays connectivity between leaf/spine switches and ESX hosts, it does not represent the direct links from FEX devices to ESX hosts or VMs. This limitation applies when FEX devices are connected to ESX hosts managed by vCenter, Kubernetes, OpenShift, and other endpoints.

Multi-node selection

The multi-node selection allows you to choose multiple nodes within a visual interface efficiently.

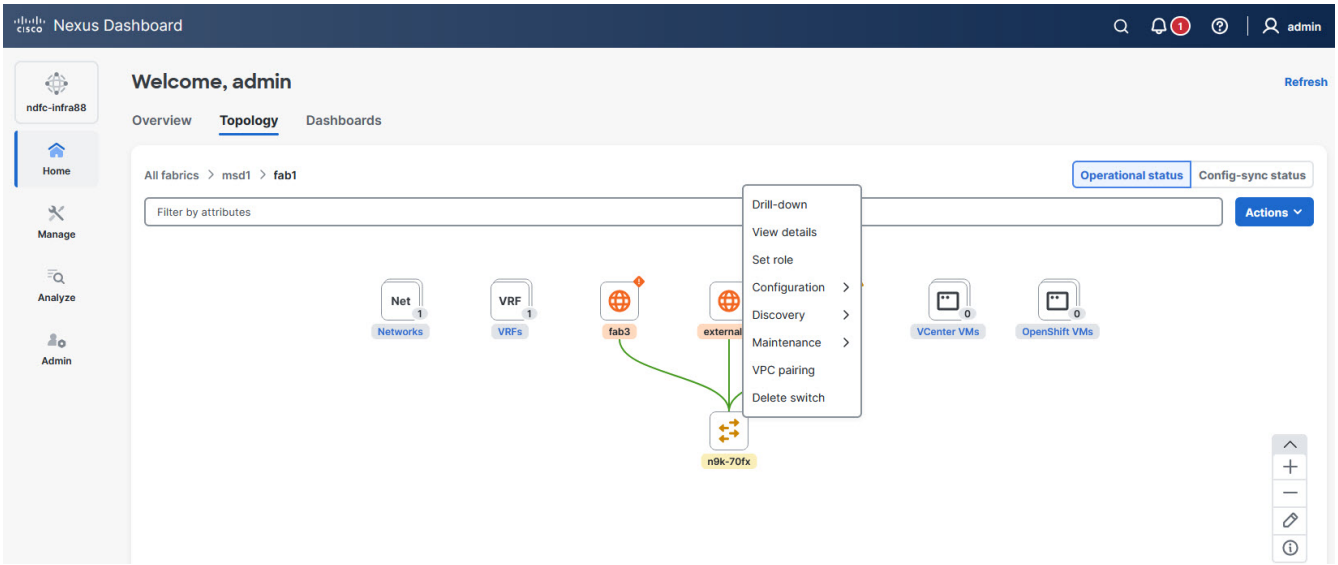
Click and hold the left mouse button in an empty area near the nodes you want to choose. Drag the mouse to form a rectangular selection box around the desired nodes. Release the mouse button once all the required nodes are within the selection area.

On macOS, press and hold the **Cmd** key on your keyboard, then click each node you want to choose.



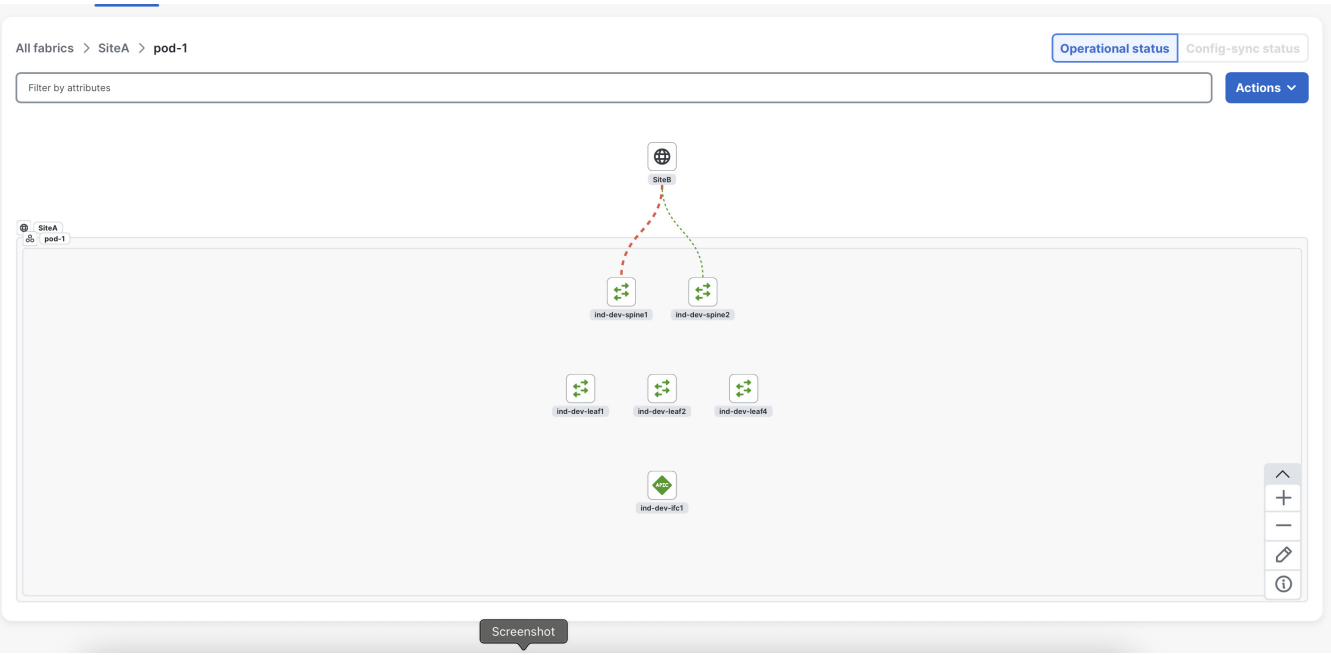
The chosen nodes displays a highlighted background to indicate they are part of the current selection.

Right-click on any of the highlighted nodes to access the context-specific actions for your selection.



Topology view for Orchestration-only ACI fabric

Starting with this release, the topology view is available for an ACI fabric where only orchestration is enabled and telemetry is not. Nexus Dashboard visualizes the fabric topology from orchestration data, independent of telemetry collection. However, if you disable orchestration for an ACI fabric, Nexus Dashboard will no longer display the fabric in the all cluster topology view.



View topology snapshots

The topology snapshots feature in Nexus Dashboard allows you to capture and analyze the network topology states. Topology snapshots allows you to track changes in topologies over time and compare topologies side-by-side. Snapshots are taken automatically every 3 hours. It supports both mergeable comparisons and table-based comparisons. This functionality is especially beneficial for planning network changes, troubleshooting issues, and auditing network infrastructure.

This feature is available only for LAN fabrics. You can access this feature only at specific levels of the topology, provided you enabled it in the **System Settings** page. For more information, see Enable topology snapshots.

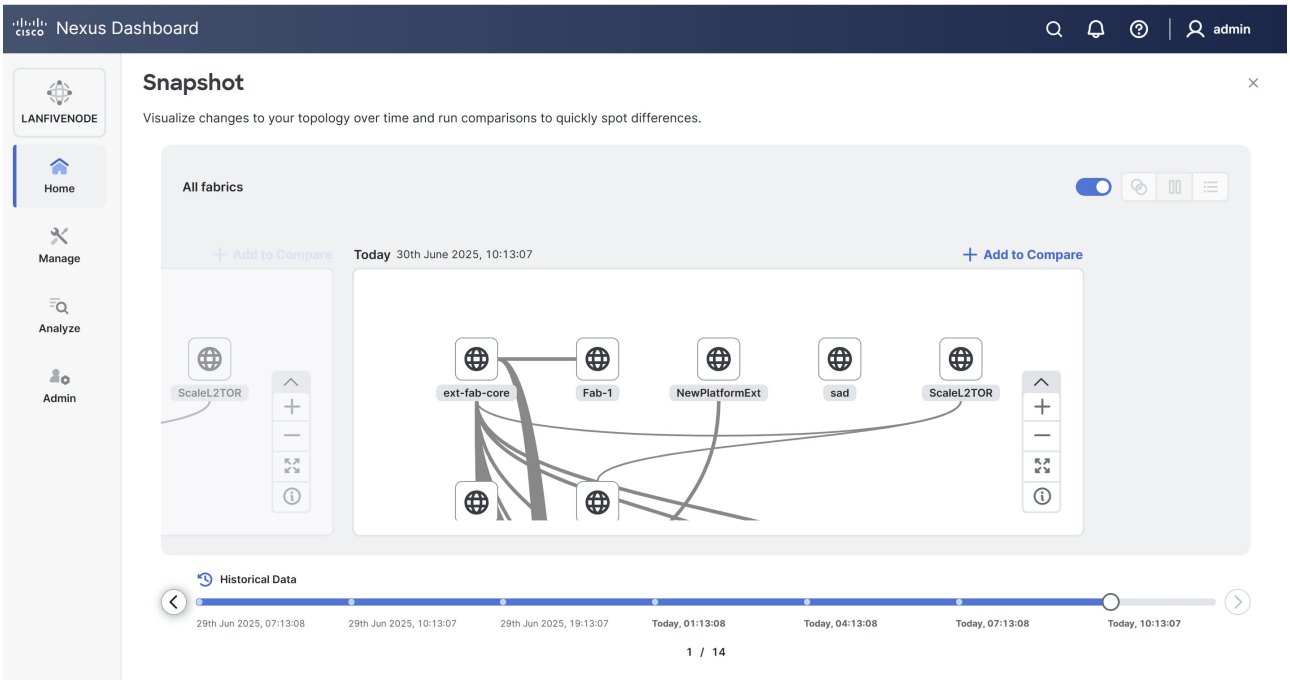
This feature is available in these levels of topology.

- All fabrics—Snapshots are taken across all fabrics.
- Any fabric—Snapshots are available for individual fabrics.
- Any MSD (multi-site domain)—Snapshots are taken for a fabric group.
- Any switch under a fabric—Snapshots are accessible after drilling down to an individual switch within a fabric.
- Pods within ACI fabrics—Snapshots are created for pods in ACI environments.

Follow these steps to view topology snapshots.

1. Navigate to **Home > Topology**.
2. From the navigation controls in the lower-right corner, click **Open Snapshots**.

   The **Snapshot** page displays.



You can view the historical topology data collected every three hours depending on changes. You can use the **left** and **right** arrows to navigate and view the historical data.

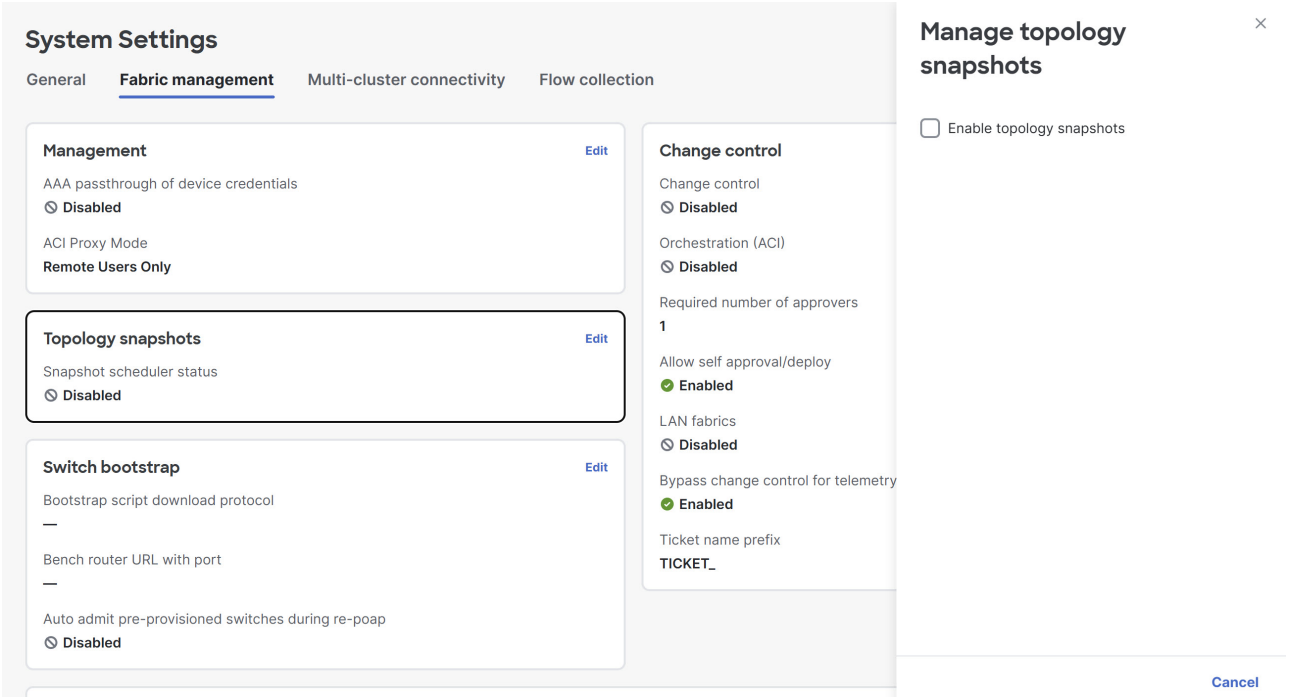
If you do not make any changes to topology, Nexus Dashboard does not actively collect any data.

Enable topology snapshots

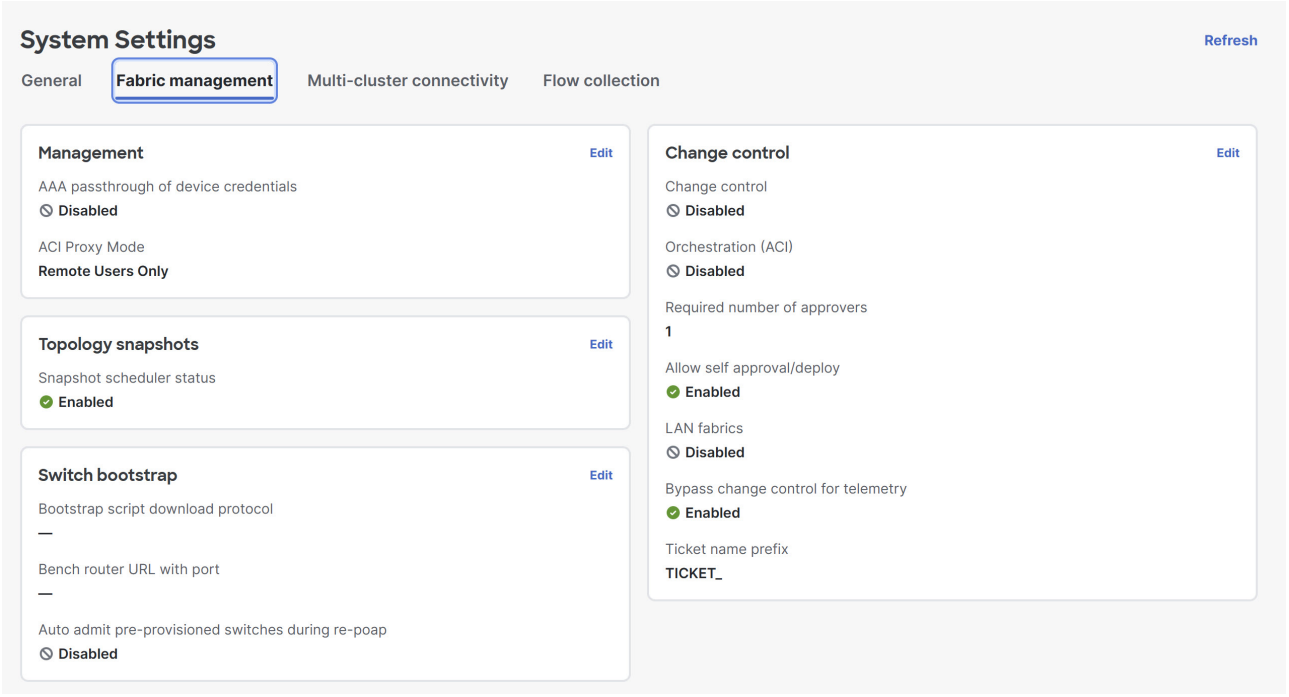
Follow these steps to enable topology snapshots.

1. Navigate to **Admin > System Settings**.
2. Click the **Fabric management** tab.
3. Under **Topology snapshots**, click **Edit**.

   The **Manage topology snapshots** dialog box displays.
4. In the **Manage topology snapshots** dialog box, choose the **Enable topology snapshots** check box.



5. Under **Topology snapshots**, you can view the **Snapshot scheduler status** enabled.



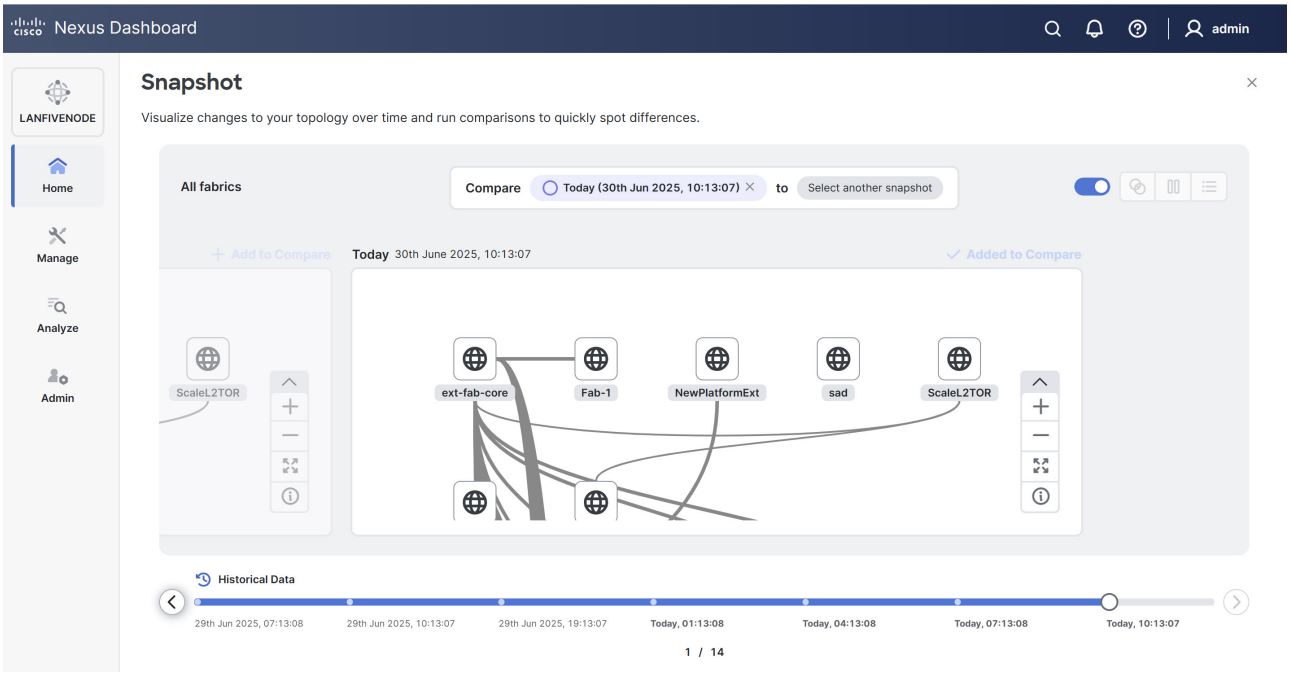
Compare topology snapshots

Nexus Dashboard allows you to compare topology snapshots that enables you to quickly identify differences between snapshots, such as changes in interfaces, routes, or other topology elements.

Follow these steps to compare topology snapshots.

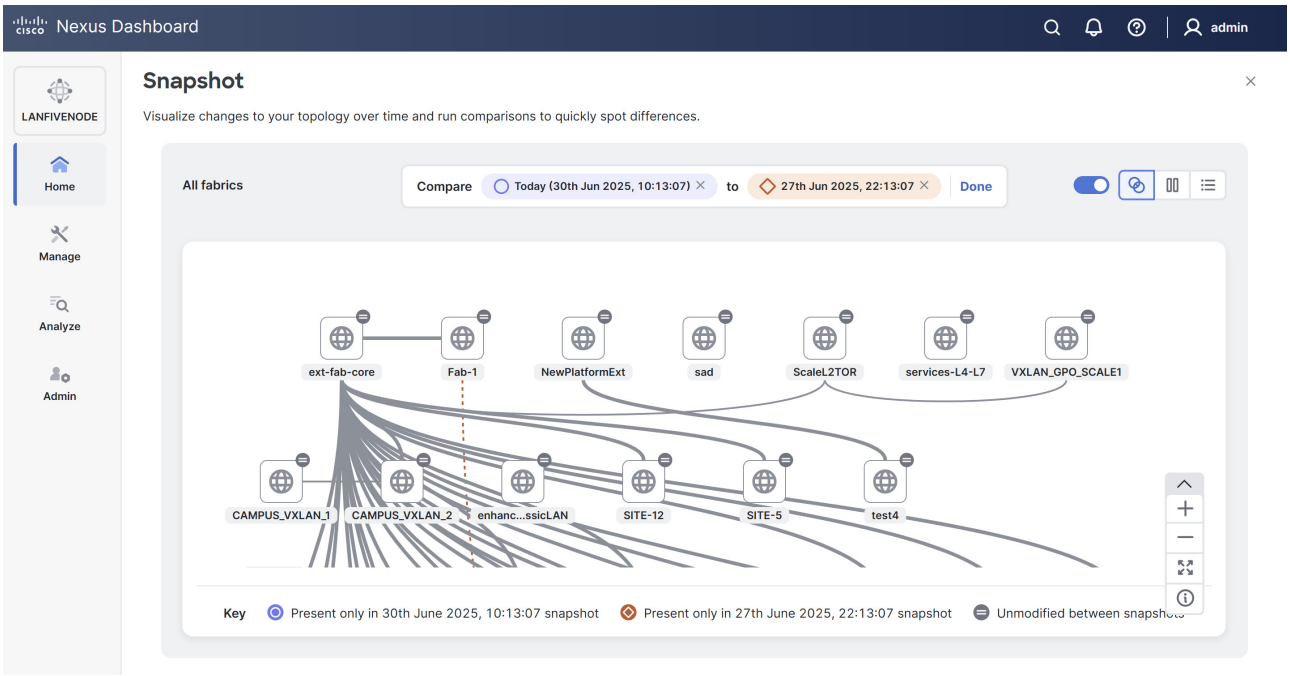
1. In the **Snapshot** page, choose the first snapshot you wish to compare.
2. click **Add to Compare**.

   A **Compare** card appears, with the current snapshot chosen.



3. Click the **left** and **right** arrows below the snapshots to navigate.
4. Choose the other snapshot that you wish to compare with and click **Add to Compare** again.

   You can view the comparison of the past topology to the current.



Refer to the legend at the bottom of the page for additional details.

5. You see the following icons in the upper-right corner of the **Snapshot** page.
   - Merge comparison—Enables you to view the detailed comparison results.
   - Pause—Enables you to view the snapshots side-by-side.
   - List—Enables you to view the comparison details in a table.

Create adhoc snapshots

Adhoc snapshots are useful for troubleshooting or capturing the state of Nexus Dashboard before implementing significant changes. These snapshots help preserve the current configuration and topology for reference or rollback purposes.

Follow these steps to create adhoc snapshots.

1. Navigate to the **Topology** page.

   Go to **Home > Topology**.

2. From the **Actions** drop-down list, choose **Adhoc Snapshot**.

   A confirmation dialog box appears prompting you to confirm whether you want to create an adhoc snapshot.

3. Click **Confirm** to create adhoc snapshot.

   A success message is displayed, indicating that the snapshot has been successfully created.



You can also create adhoc snapshots by right-clicking on any rendered element within the **Topology** page and choosing the **Adhoc Snapshot** option.

View SAN fabric components in Topology

The **Topology** page displays color-encoded nodes and links that correspond to various network elements, including switches, links, fabric extenders, port-channel configurations, virtual port-channels, and more.

Use the **Topology** page to perform these tasks.

- To view more information about each of these elements, hover your cursor over the corresponding element.
- To view your navigation in the topology, view the breadcrumb at the top.
- When you click the device or the element, a slide-in pane appears from the right that displays more information about the device or the element. To view more information in the topology, double-click a node to open the node topology. For example, to view the fabric topology and its components on the **Topology** page, double-click the fabric node and then double-click an element that you want to view, such as a host, a multicast group, or a multicast flow, as applicable to the fabric type, and view the respective topology.
- If you want to view the summary for fabrics, click the fabric node. From the **Fabric Summary** slide-in pane, open the **Fabric Overview** page. Alternatively, you can right-click a fabric and choose **Detailed View** to open the **Fabric Overview** page. For more information about the fabric overview page, see Understanding Fabric Overview for SAN Fabrics.
- Similarly, you can click on a switch to display the configured switch name, IP address, switch model, and other summary information such as status, serial number, health, last-polled CPU utilization, and last-polled memory utilization in the **Switch** slide-in pane. To view more information, click the **Launch** icon to open the **Switch Overview** page. For more information about the **Switch Overview** page, see Understanding Switch Overview for SAN Fabrics.

SAN switches have only two roles, Core Router and Edge Router.

- Choose an action from the **Actions** drop-down list to perform various actions based on the element you select in the topology.
- To perform actions on the elements in the topology, other than those listed in the **Actions** drop-down list, right-click the element. This opens the appropriate pages and allows you to perform tasks based on the elements. For example, if you right-click a fabric, you can perform tasks such as various configurations, delete the fabric, rediscover the fabric, and many more.

Search Topology

Use a combination of search attributes and search criteria in the search bar for an effective search. As you enter a combination of search attribute and search criteria in the search bar, the corresponding devices are highlighted in the topology.

You can apply the search criteria such as equals (**=**), does not equal (**!=**), contains (**contains**), and does not contain (**!contains**).

The search attribute that you can use for SAN fabric is fabric name.

When a device displays on the topology, double-click it to navigate further into the topology. For example, when the fabric (cloud icon) you searched displays on the topology, double-click on the fabric to navigate inside its topology. Furthermore, after the fabric is displayed on the topology, you can continue to search based on a combination of criteria and various search attributes such as switch name, IP address, model, serial, software version, and up time.



Certain levels of the topology allow filters only; that is, filters take the place of Search. The topology listing for these levels displays a limited number of entities.

View Topology

To pan, click and hold anywhere in the whitespace and drag the cursor up, down, left, or right. To drag switches, click, hold, and move the cursor around the whitespace region of the topology.

In case of multiple switch selection, you must release the modifier keys (cmd/ctrl) before releasing the mouse to drag to end the switch selection.

You can view the following information for the devices and links in the **View** pane.

Option	Description
Layout Options	You can zoom in, zoom out, or adjust the layout to fit the screen. You can also refresh the topology or save any changes to the topology. For more information, see Zoom, Pan, and Drag.
Select Layout	Choose the layout for your topology from this drop-down list, and click **Save Topology Layout** in the layout options. For more information, see Layouts.
Status	View the configuration status and operational status for SAN or LAN topologies. The status of every device or link is represented by different colors. For more information, see Status.

Option	Description
Show Interfaces	View all the interface nodes connected to a switch or a zone using the **Show Interfaces** option. For more information, see the Show Interfaces Option.

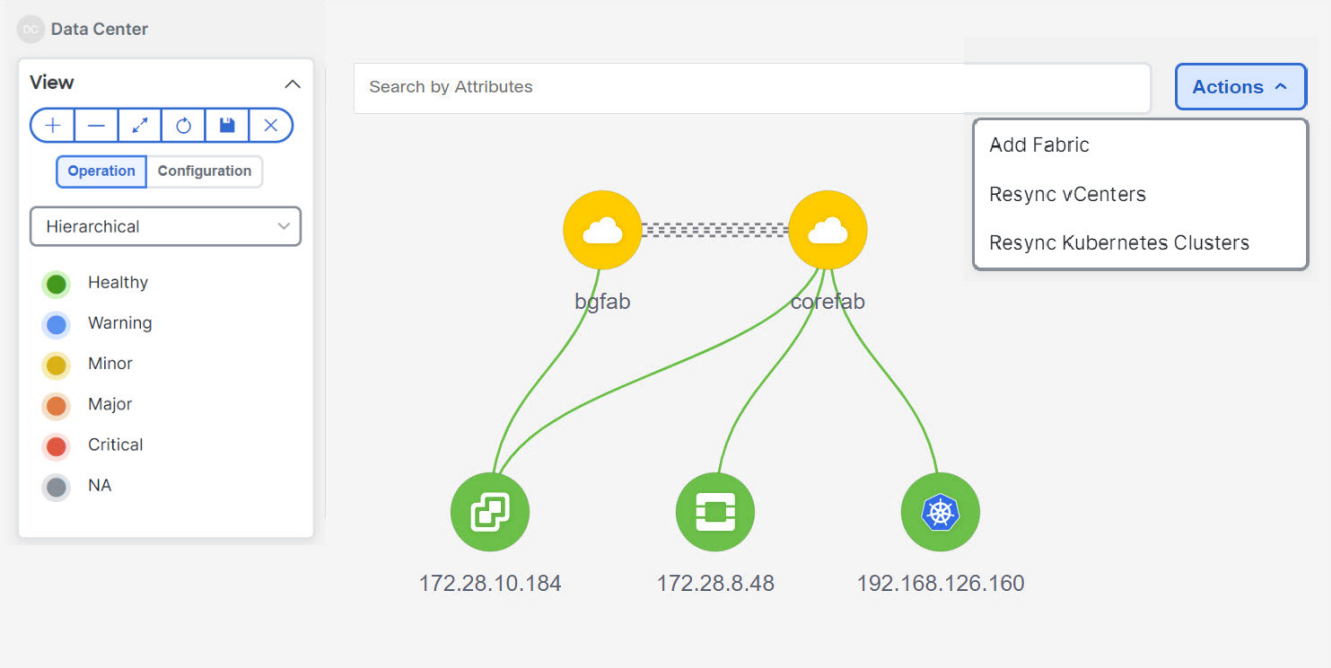
View the topology for a node depending on the chosen scope. Each scope is shown in hierarchical order. An example hierarchy might be **All fabrics > *msd* > *fabric-name***.

You can view these scopes.

- Data Center
- Cluster (vCenter)
- Resource List (DVS, Compute, and VM)
- Resource

- On the **Topology** page, FEX appears in gray (**Unknown** or **NA**) because operation and configuration status is not calculated for FEX.
- After moving a cable from one port to another port, the old fabric link is retained on the **Topology** page, and it displays in red, indicating that the link is down. Right-click on the link, and delete it if the removal was intentional. A manual rediscovery of the switch also deletes and recreates all the links to that switch.

When you deploy a VXLAN fabric group with child fabrics, to view the multi-fabric topology, double-click on a fabric node. Choose the MSD scope or double-click on the gray MSD node to view the MSD topology.



View elements in SAN topology

1. Navigate to **Home > Topology**.
2. Double-click on a fabric.

You can view a VSAN node and the connected switches in the topology diagram.

This section provides information about various elements or entities displayed on the **Topology** page for SAN fabrics.

VSAN

1. Double-click on a fabric to view the fabric topology.

   A SAN fabric contains VSAN nodes and switches. The VSAN node has a number displayed in parens, which indicates the number of VSANs in the fabric.

   The VSAN topology displays zones and switches connected to the VSAN.

   You must have configured the VSAN and the links with VSAN membership to view the VSANs.

2. Single-click on the VSAN node to view a slide-in summary pane of the individual VSANs in the VSAN-node topology.

   After the VSAN slide-in summary pane appears, you can search for VSAN attributes or by search criteria in the **Search by Attributes** field. For more information, see Search Topology.

3. Click any VSAN in the VSAN summary slide-in pane to display the VSAN.

   You can view the grouping of the VSAN and any connected switches or zones in the topology diagram.

   VSAN summary fields and descriptions

Field	Description
Name	Specifies the name of the VLAN.
Id	Specifies the ID of the VLAN.
Status	Specifies the ID of the VLAN. If you click the tooltip in the **Status** column, you can see the status of the switch and if the switch is a principal switch.  The pagination bar at the bottom of the VSAN summary slide-in pane displays the number of VSANs for the fabric.

Zone

1. Click on the VSAN node in the fabric topology diagram to display the VSAN summary slide-in pane.
2. Click on a VSAN node to display the **Zone Devices** summary slide-in pane where you can view the connected host and storage devices.

   You can also view the grouping of the VSAN with the connected host and storage devices in the fabric topology diagram.

You can advance to the next page in the **Zone Devices** summary slide-in pane by clicking a zone name.

Hosts and storage

1. Single-click on a zone in the fabric topology diagram to view the **Zones Devices** summary slide-in pane where you can view the connected hosts and storage devices.

   You can also view the grouping of hosts and storage devices in the fabric topology.

2. Click on a switch directly in the fabric topology to view a summary of the switch.

   The switch topology displays the hosts and storage devices connected to the switch.

Hosts

1. Click on the host device to view more information about the host in the slide-in pane.
2. From the **Zone Devices** slide-in pane, you can click on a host to open the **Host Overview** dashboard.
3. You can also right-click on the host device and click the **Detailed View** to open the **Host Overview** dashboard.

Storage

1. Click on the storage device to view more information about the storage in the **Zone Devices** slide-in pane.
2. From the **Zone Devices** slide-in pane, you can open the **Storage Overview** dashboard.
3. You can right-click on the storage device and click the **Detailed View** to open the **Storage Overview** dashboard.

Links

In the switch topology, click on the link that connects two devices, for example, the switch and the storage to open the **Link** slide-in pane.

This slide-in pane displays the details related to the last polling of the performance data.



You must have configured performance monitoring for the fabric in **Performance Data Collection Settings**.

Performance monitoring allows the Nexus Dashboard to collect the traffic information and the aggregated information is displayed along with a graph showing traffic utilization. The Nexus Dashboard updates the last poll metric every five minutes for all the ports, links, and so on for all the switches in the fabric. If the date and time displayed in this slide-in pane is current, then the last poll metric details are up to date.

Link summary fields and descriptions

Field	Description
General Information	Specifies general information such as link capacity, VSAN, and status.

Field	Description
Information	Specifies information about the traffic for the last 24 hours with details such as average, maximum, and minimum Rx and Tx in bytes. The slide-in panel includes the following poll metrics details: - **Time** - **Rx** - **Tx** in a graph on the **Graph** tab and in table format on the **Table** tab. Note that the table is paginated.

Zoom, Pan, and Drag

You can zoom in and zoom out using the controls that are provided at the bottom left of the pages or by using your mouse's wheel.

To pan, click and hold anywhere in the whitespace and drag the cursor up, down, left, or right.

To drag switches, click, hold, and move the cursor around the whitespace region of the topology.

Layouts

The topology supports different layouts along with a **Save Layout** option that remembers how you positioned your topology.

- **Hierarchical** and **Hierarchical Left-Right** - Provide an architectural view of your topology. You can define various switch roles that will draw the nodes on how you configure your CLOS topology.



When running a large-scale setup, viewing all your switches on a leaf-tier can become difficult. To mitigate this issue, Nexus Dashboard splits your leaf-tier every 16 switches.

- **Circular** and **Tiered-Circular** - Draw nodes in a circular or concentric circular pattern.
- **Random** - Nodes are placed randomly on the page. Nexus Dashboard tries to make a guess and intelligently place nodes that belong together in close proximity.
- **Custom saved layout** - Drag Nodes around according to your preference. After you position as required, click **Save** to retain the positions. The next time you come to the topology, Nexus Dashboard will draw the nodes based on your last saved layout positions.

Before a layout is chosen, Nexus Dashboard checks if a custom layout is applied. If a custom layout is applied, Nexus Dashboard uses this layout. If a custom layout is not applied, Nexus Dashboard checks if switches exist at different tiers, and chooses the Hierarchical layout or the Hierarchical Left-Right layout. Force-directed layout is chosen if all the other layouts fail.

Status

The color coding of each node and link corresponds to its state. The operational colors and what they indicate are described in the following list:

- Green - Indicates that the element is in good health and functioning as intended.
- Blue - Indicates that the element is in a warning state and requires attention to prevent any further problems.
- Yellow - Indicates that the element has minor issues.
- Orange - Indicates that the element has major issues and requires attention to prevent any further problems.
- Red - Indicates that the element is in critical state and requires immediate attention.
- Gray: Indicates lack of information to identify the element or the element has been discovered.

The configurational colors and what they indicate are described in the following list:

- Green - Indicates that the element is element is In-Sync with the intended configuration.
- Blue - Indicates that the element has pending deployments.
- Yellow - Indicates that active deployments are in-progress.
- Red - Indicates that the element is Out-of-Sync with the intended configuration.
- Gray: Indicates lack of information or no support for Configuration Sync calculation.

  NOTE:

  - On the **Topology** page, FEX appears in gray (**Unknown** or **n/a**) because the operation and configuration status is not calculated for FEX.
  - After moving a cable from one port to another port, the old fabric link is retained on the **Topology** page, and it is shown in red, indicating that the link is down. Right-click on the link and delete it if the removal was intentional. A manual rediscover of the switch will also delete and re-learn all the links to that switch.

Show Interfaces Option

1. Navigate to the **Home > Topology** page.
2. Click on **Data Center**.

   The network topology diagram appears.

3. Double-click on a fabric within the network topology diagram.

   A VSAN node with connected switches or zones appears in the network topology diagram.

4. Double-click on a switch or a zone.

   The **Show Interfaces** toggle displays if the switch or the zone has a connected host or storage device.

5. Enable the **Show Interfaces** option to display all the interface nodes connected to the switch or the zone.

   You can view all the interface nodes when viewing active zones or zones.

View Dashboards

Dashboards provide a centralized platform to gain insights into critical data and enable you to efficiently monitor the Nexus Dashboard. You can create custom dashboards and add widgets to display top-level information about each widget pinned to the dashboard.

To view dashboards, navigate to **Home > Dashboards**.

The **Dashboards** home page displays the following information.

Field	Description
Title	Displays the name of the dashboard.
Visibility	Specifies if the custom dashboard is shared or private.
Created By	Allows you to view who created the dashboard.
Last Updated	Allows you to view when the dashboard was last updated.

Create a new dashboard

Follow these steps to create a new dashboard.

1. Navigate to Dashboards.

   Go to **Home > Dashboards**.

2. If there are no dashboards, click **New dashboard**.

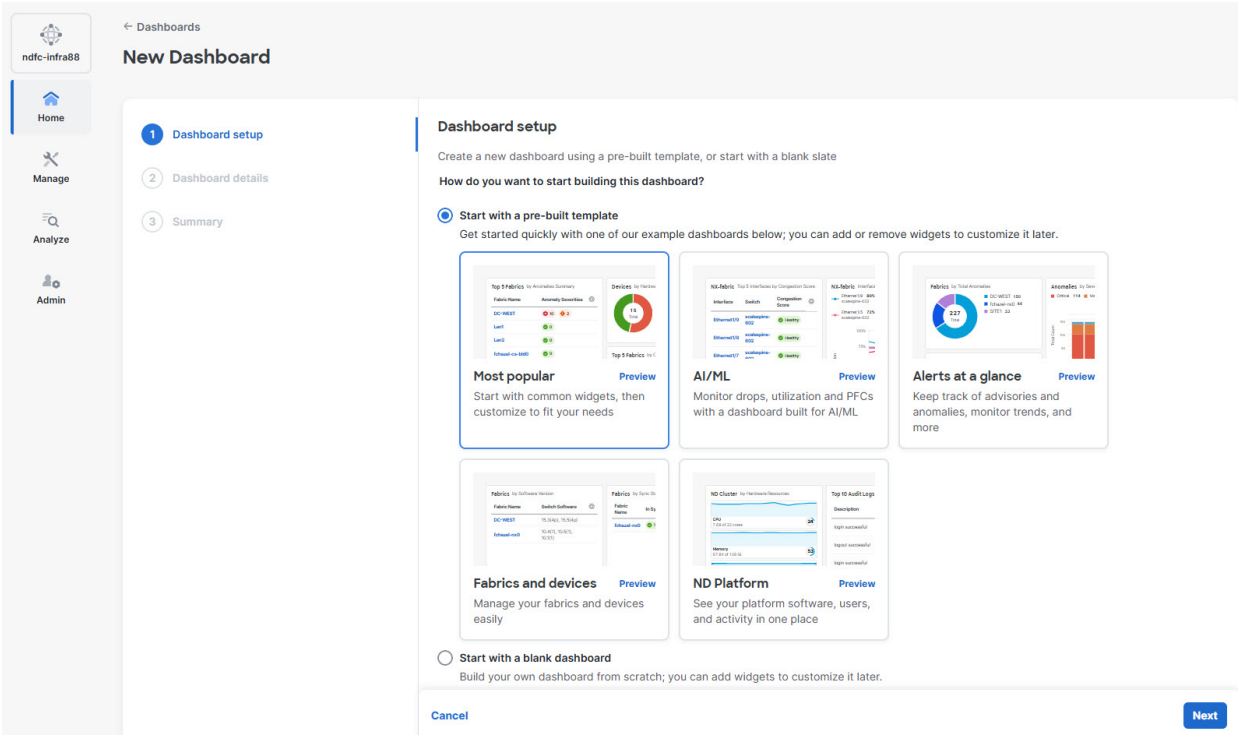
   If you have existing dashboards, from the **Actions** drop-down list, choose **New dashboard**.

   The **New Dashboard** page displays.

3. Choose one of the following options.
   - Choose **Start with a pre-built template** to use an existing dashboard template to create your dashboard. You can add or remove widgets to customize later.
   - Choose **Start with a blank dashboard** to create a custom dashboard from scratch.

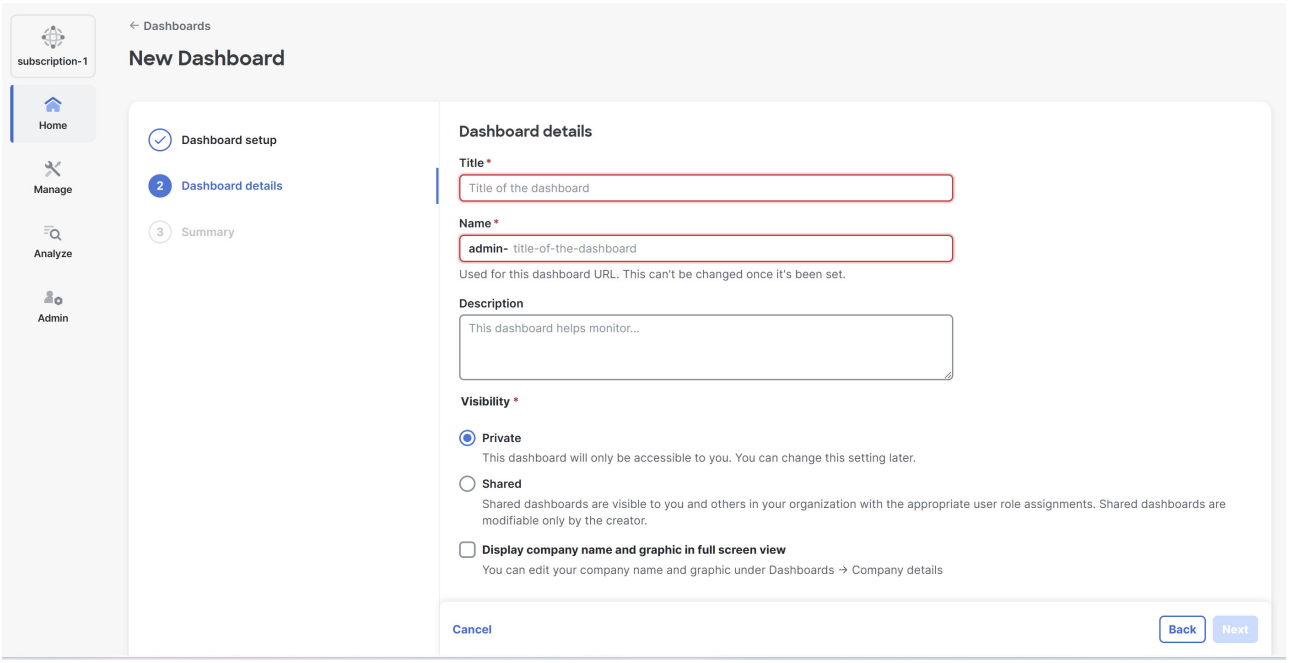


The **New Dashboard** page also displays the **Most Popular** template, that includes common widgets.



4. Click **Next**.

   The **Dashboard details** page displays.



5. In the **Title** field, provide the title for the dashboard.
6. In the **Name** field, enter the name of the dashboard.

   The name of the dashboard is unique and in the format, <user name>-name-of-the-dashboard. Note that the <user name> prefix is fixed and automatically prepended by the UI.

7. In the **Description** field, provide a brief description of the dashboard.
8. Choose one of the following visibility types.
   - **Private**—The dashboard is accessible only to you. You can share it with selected individuals

within your organization.

- **Shared**—The dashboard is visible and accessible to all users in your organization with appropriate user role assignments, but only you can modify the settings.



When you share a dashboard, other users can access only the data for the fabrics they have permission to view. Widgets scoped to specific fabrics will appear unavailable to users without access to those fabrics. A super-admin can view, modify, and delete any dashboard.

9. Check the **Display company name and graphic in full screen view** check box, if you want to display the company name in full screen mode.

   The full screen mode displays the company name and logo. In the full screen mode the left navigation pane and top heading bar are hidden to maximize the screen space.

   For more information, see Modify the dashboard and Customize company details.

10. Click **Next**.

    You can view the summary of the dashboard that you created.

11. Click **Save** to save your dashboard.

    A confirmation message appears that your new dashboard was created successfully and is ready to customize.

12. Click **Open Dashboard** to view and customize your dashboard.



You can create multiple dashboards. The user who creates a dashboard can modify or delete it, except for the super-admin user role.

Add widgets to a dashboard

A dashboard is a collection of multiple widgets. You can customize your dashboard by adding widgets that provide summary of specific features within the Nexus Dashboard. You can add, remove, and re-organize widgets on the dashboard.

Follow these steps to add widgets to your dashboard.

1. Navigate to Dashboards.

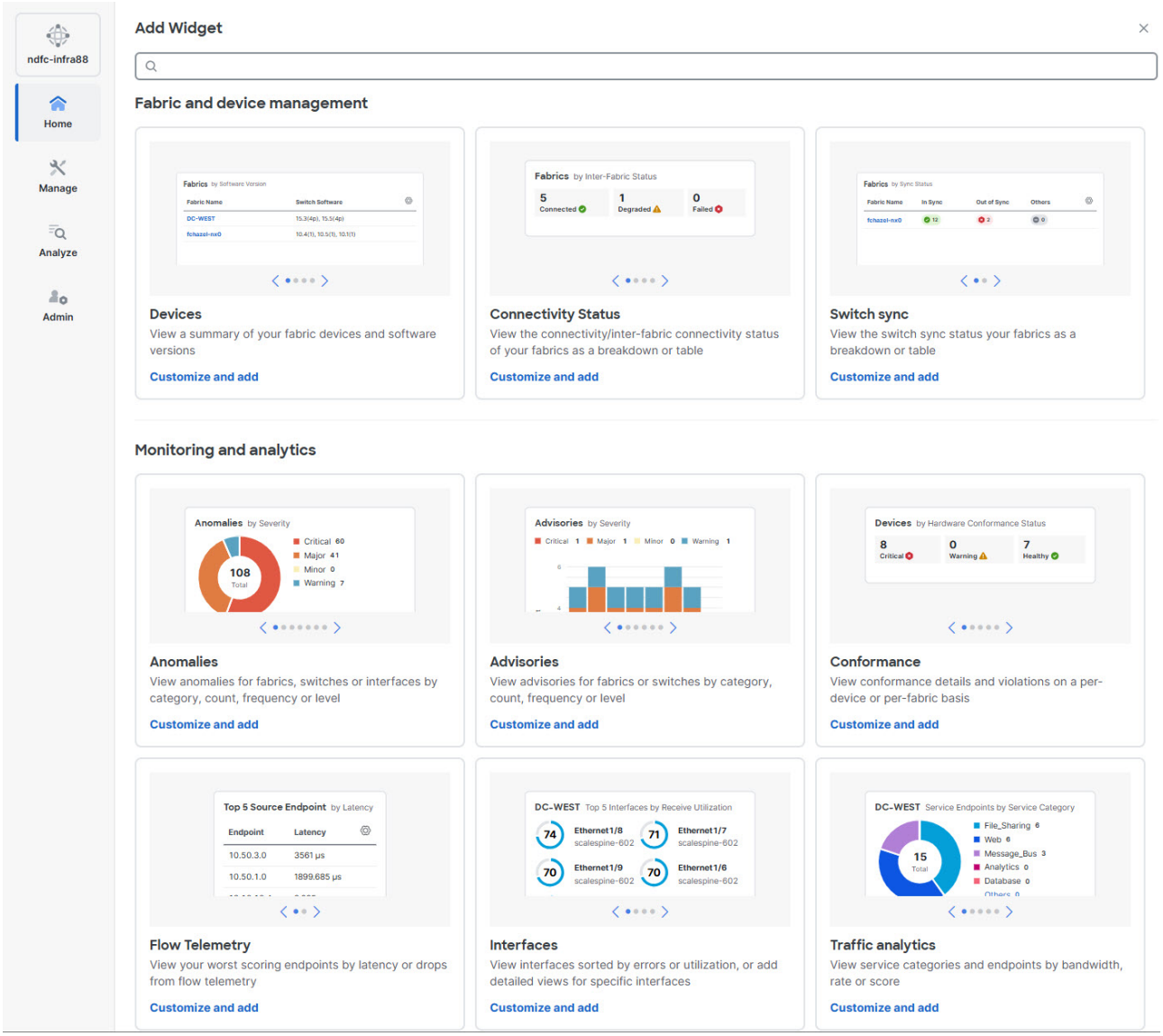
   Go to **Home > Dashboards**.

2. Choose the dashboard that to which you want to add the widget.
3. In the **Dashboard** page, click **Add widget**.
4. In the **Add Widget** page, explore the available widgets categorized as follows:
   - Fabric and device management
   - Monitoring and analytics
   - Platform

- Energy management
- Users and activity

> You can add up to 20 widgets to your dashboard.

5. Choose the widget that you want to add and click **Customize and add**.



6. In the **Widget** page, you can customize the widget settings based on these parameters.
   - **Data source**

     Allows you to customize the data source parameters based on the widget type you choose.

     For more information see Understand data source parameters.

     > The parameters that you can customize under the **Data source** fields vary based on the widget type you choose.

   - **Appearance**

     Allows you to choose how you want your widget to be displayed. The following options are available in the **Visualization Type** drop-down list.

- Breakdown
- Count
- Donut
- Table
- Utilization
- Metric Group
- Line Chart
- Bar Chart
- Status Summary

A preview of the widget will appear at the top of the **Widget** page based on the **Visualization Type** you choose. The options under the **Visualization Type** drop-down list vary depending on the widget type.

Understand data source parameters

Data source selections consist of four main components.

- **Source**—Allows you to define the type of data the widget displays. If the widget supports only one data type, this field remains hidden.

  For example, in the **Anomalies** widget, the **Source** field allows you to choose **Anomalies** to view anomalies or **Fabrics** to view the fabrics.

- **Scope**—Enables you to refine data to display. The widgets support a subset or all of the following scopes.
  - **All Fabrics**—Displays the data for all fabrics accessible to the user
  - **Fabric**—Displays the data for a specific fabric.
  - **Switch**—Displays the data for a specific switch.
  - **Interface**—Displays the data for a specific interface.
- **Fabric Name**—Allows you to choose a fabric.
- **By**—Allows you to specify how the data is sorted within the widget.



The **Source** and **Scope** fields appear depending on the widget you choose, and **Fabric Name**, **Switch**, and **Interface** fields appear depending on the **Scope** you choose. The **By** field is present for all the widgets.

Modify the dashboard

The user who creates a dashboard can modify or delete it. Any user can view a shared dashboard, but only in read-only mode.

Follow these steps to modify the dashboard.

1. Navigate to Dashboards.

   Go to **Home > Dashboards**.

2. Choose the dashboard that you want to modify.
3. In the **Dashboard** page, click **Settings**.

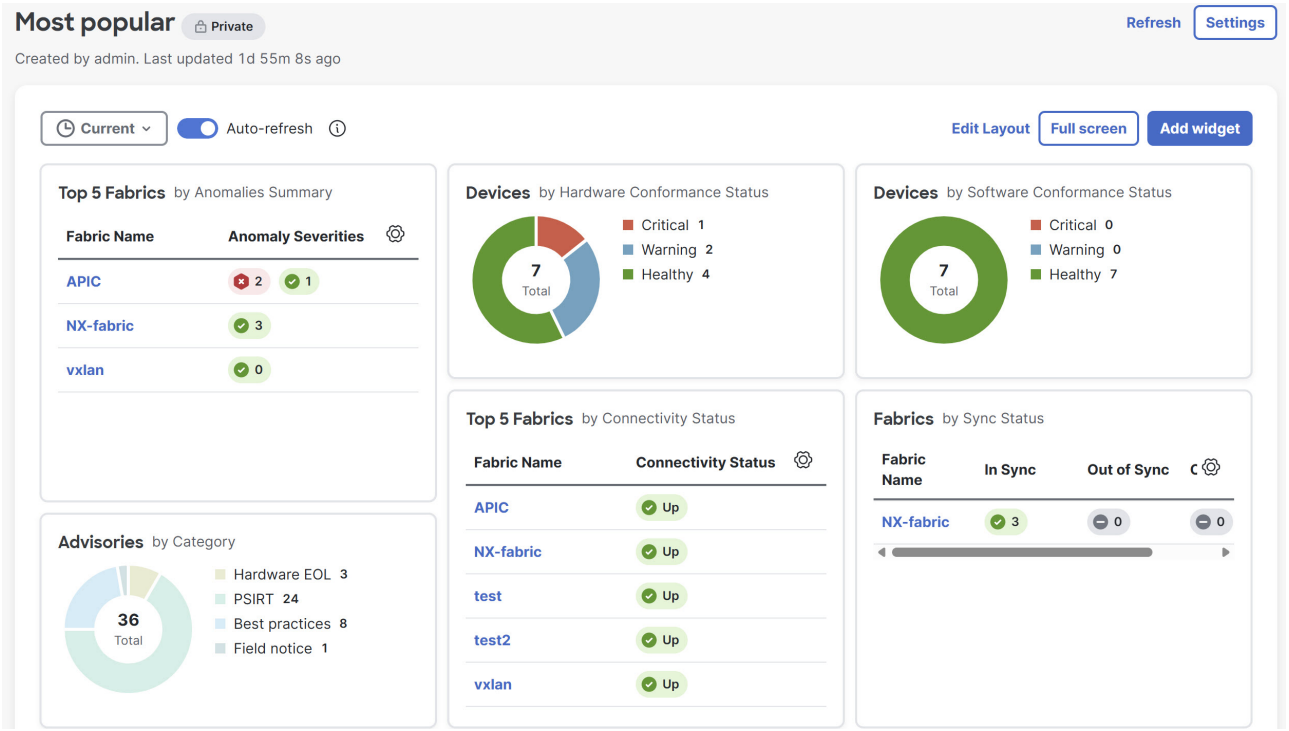
   The **Dashboard Settings** dialog box displays. You can modify your dashboard settings or delete the dashboard.

   > You can also delete your dashboard from the **Dashboards** home page. To delete a dashboard, from the **Actions** drop-down list, choose **Delete dashboard**.

4. Click **Edit Layout**, if you wish to rearrange or resize your widgets.

   Click **Save layout** to save the changes.

5. Click **Full screen**, to view the dashboard in full screen mode.



   > The full screen mode displays the company name and logo. In the full screen mode the left navigation pane and top heading bar are hidden to maximize the screen space. Click **Exit full screen** to leave full screen mode.

6. Click **Add widget** to add additional widgets to your dashboard.
7. Go to **Current > Time Selection**, to choose the date and time range.

   By default, **Current** is chosen. You can customize the date and time range to determine the data displayed across all the widgets.

8. Toggle **Auto-refresh** on to automatically refresh your widgets periodically.

   > Each widget may have a different refresh rate. For details about the refresh rate

of a specific widget, hover over the **Clock** icon on the widget.

9. Click the **Settings** icon located at the top right of each widget to edit the widget settings.
10. Click on a widget to access the main feature page associated with that widget.

Customize company details

You can edit the company details of your dashboard from the **Dashboards** home page.

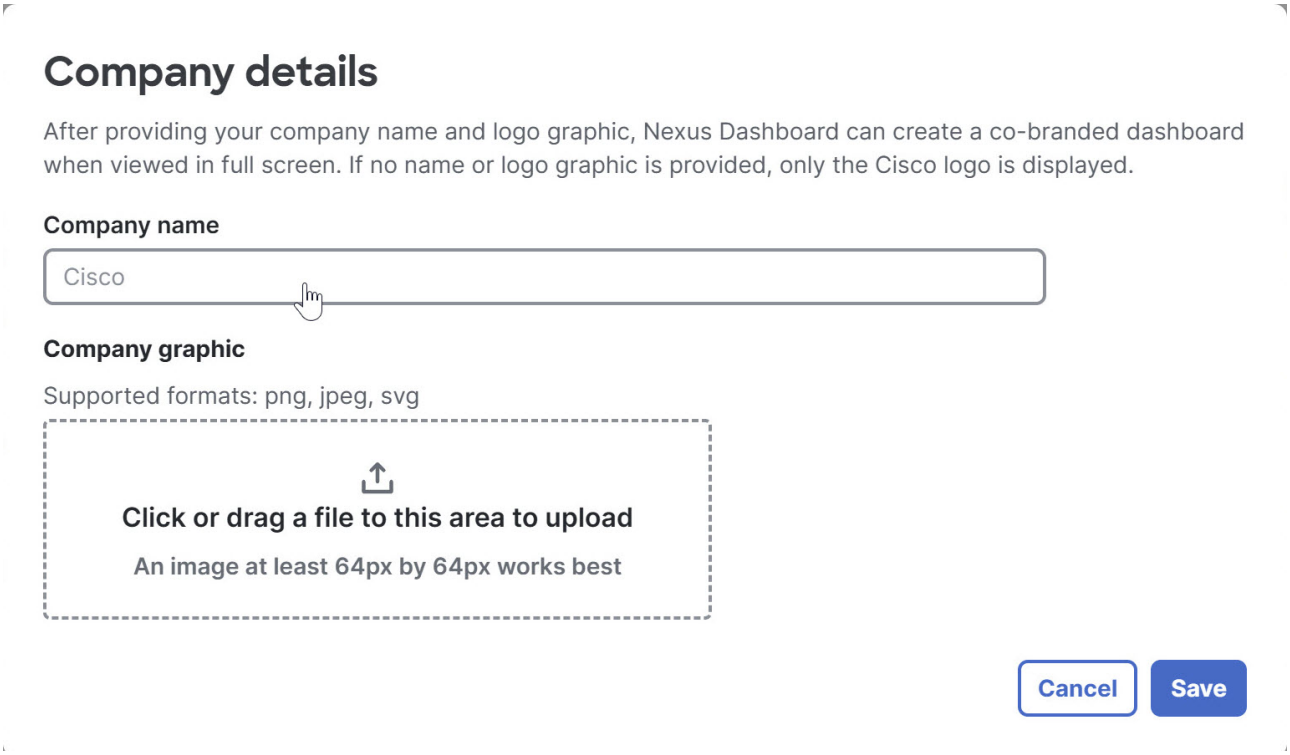
Follow these steps to edit the company details.

1. Navigate to Dashboards.

   Go to **Home > Dashboards**.

2. In the **Actions** drop-down list, choose **Company details**.
3. In the **Company name** field, provide the company name.
4. In the **Company graphic** field, upload the company logo.

   Supported image formats include *.png, *.jpeg, or *.svg. If you upload an image with a height exceeding 32 pixels, Nexus Dashboard automatically scaled it down to 32 pixels.



After you provide the company name and logo, Nexus Dashboard generates a custom-branded dashboard for full-screen viewing. If you do not provide these details, the dashboard will display only the Cisco logo.