



# Reviewing System Status for Your Nexus Dashboard, Release 4.2.1

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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 4.2.1	Basic telemetry for Catalyst 9000 series devices	Beginning with Nexus Dashboard 4.2.1, basic telemetry data is now collected from Cisco Catalyst 9000 series devices. This data includes inventory, hardware statistics, essential-level anomalies including correlation, L3 neighbors, and traffic analytics compatibility mode. For more information, see <a href="#">Telemetry</a> .

# Overview

1. Navigate to **Overview** in **System Status**.

**Admin > System Status > Overview.**

2. Review the information in **Overview**.

Field	Description
Anomaly level	Provides Nexus Dashboard-level anomaly information. Click the <b>Anomaly level</b> tile to navigate directly to the <b>Anomalies</b> tab in <b>System Status</b> . See <a href="#">Anomalies</a> for more information.
Connectivity Intersight	Provides the status for connectivity to Intersight. Click <b>Setup Intersight</b> to navigate to the <b>Intersight Device Connector</b> area. See <a href="#">Working With Intersight</a> for more information.
Fabrics	Show this information: <ul style="list-style-type: none"><li>▪ The number of fabrics currently onboarded in your Nexus Dashboard</li><li>▪ The connectivity status of those fabrics</li><li>▪ The fabric types of all the fabrics in your Nexus Dashboard</li><li>▪ The license tiers used by the fabrics in your Nexus Dashboard</li></ul> Click <b>View all</b> to navigate directly to <b>Manage &gt; Fabrics</b> .
Cluster nodes	Provides information on the nodes that are currently part of the cluster and the health status for those nodes. Click <b>View all</b> to navigate directly to <b>Nodes</b> in <b>System Status</b> . See <a href="#">Nodes</a> for more information.

# Nodes

1. Navigate to **Nodes** in **System Status**.

**Admin > System Status > Nodes.**

2. Review the information provided in **Nodes**.

Field	Description
Utilization	Provides utilization information for CPU, memory, and storage.
Nodes by status	Provides additional information on each node in the cluster. Click <b>Add node</b> to add a node to the cluster. See <b>Add nodes</b> for more information.

## Add nodes

1. In **Nodes** in **System Status**, click **Actions > Add node**.

The **Add node** page opens.

2. In the **Deployment details** area, provide the credentials information for the node, then click **Validate**.
  - o For physical nodes, this is the IP address, username, and password of the server's CIMC. The CIMC will be used to configure the rest of the information on the node.
  - o For virtual nodes, this is the IP address and rescue-user password you defined for the node when deploying it.
3. In the **General** area:
  - a. Provide the name and serial number of the node.
  - b. From the **Type** dropdown, choose **Secondary**.
4. In the **Management network** area, provide the management network information.
  - o For physical nodes, you must provide the management network IP address, netmask, and gateway now.
  - o For virtual nodes, the management network information will be pre-populated with the information pulled from the node based on the IP address and credentials you provided in the previous sub-step.
5. In the **Data network** area, provide the data network information.

You must provide the data network IP address, netmask, and gateway. Optionally, you can also provide the VLAN ID for the network. For most deployments, you can leave the VLAN ID field blank.

6. (Optional) Provide IPv6 information for the management and data networks.
  - o Nexus Dashboard supports dual stack IPv4/IPv6 for the management and data networks.
  - o If you want to provide IPv6 information, you must do it when adding the node.
  - o All nodes in the cluster must be configured with either only IPv4 or dual IPv4/IPv6 stack.

7. In the **Enable BGP** field, click the toggle to enable this feature, if necessary.
8. Click Save to add the node.

The configuration will be pushed to the node and the node will be added to the list in the GUI.

## Managing secondary nodes

You can add a number of secondary nodes to an existing 3-node cluster for horizontal scaling to enable application co-hosting.



- Secondary nodes are not supported for cloud form factors of Nexus Dashboard clusters deployed in AWS or Azure.
- Secondary nodes are qualified for IPFM fabric types. For more information about IPFM fabrics, see [Editing IP Fabric for Media \(IPFM\) Fabric Settings](#).

### Add secondary nodes

This section describes how to add a secondary node to your cluster to enable horizontal scaling.

#### *Before you begin*

- Ensure that the existing primary nodes and the cluster are healthy.
- Prepare and deploy the new node.
- Ensure that the node you are adding is powered on.
- If you are adding a physical node, ensure that you have the new node's CIMC IP address and login information.

You will need to use the CIMC information to add the new node using the Nexus Dashboard GUI.

- If you are adding a virtual node, ensure that you have the node's management IP address and login information.

To add a secondary node:

1. Navigate to **Nodes** in **System Status**.

**Admin > System Status > Nodes.**

2. In the main pane, click **Actions > Add node**.

The **Add Node** page opens.

3. In the **Add Node** screen, provide the node information.
  - a. In the **Deployment details** area, provide the credentials information for the node, then click **Validate**.
    - For physical nodes, this is the IP address, username, and password of the server's CIMC. The CIMC will be used to configure the rest of the information on the node.
    - For virtual nodes, this is the IP address and **rescue-user** password you defined for the node when deploying it.

- b. In the **General** area, provide the name and serial number of the node.
- c. From the **Type** dropdown, choose **Secondary**.
- d. Provide the **Management network** information.

For virtual nodes, the management network information will be pre-populated with the information pulled from the node based on the IP address and credentials you provided in the previous sub-step.

For physical nodes, you must provide the management network IP address, netmask, and gateway now.

- e. Provide the **Data network** information.

You must provide the data network IP address, netmask, and gateway. Optionally, you can also provide the VLAN ID for the network. For most deployments, you can leave the VLAN ID field blank.

- f. (Optional) Provide IPv6 information for the management and data networks.

Nexus Dashboard supports dual stack IPv4/IPv6 for the management and data networks.

If you want to provide IPv6 information, you must do it when adding the node.

All nodes in the cluster must be configured with either only IPv4 or dual IPv4/IPv6 stack.

- g. In the **Enable BGP** field, click the toggle to enable this feature, if necessary.

4. Click **Save** to add the node.

The configuration will be pushed to the node and the node will be added to the list in the GUI.

## Delete a secondary node

*Before deleting a secondary node:*

- Ensure that the primary nodes and the cluster are healthy
- Check for any anomalies

See [Overview](#) for more information.

To delete an existing secondary node:

1. Navigate to **Nodes** in **System Status**.

**Admin > System Status > Nodes.**

2. Select the checkbox next to the secondary node you want to delete.
3. From the **Actions** menu, choose **Delete** to delete the node.

## Managing standby nodes

You can add up to two standby nodes, which you can use to quickly restore the cluster functionality in case one or more primary nodes fail by replacing the failed primary node with the standby node.

Standby nodes are similar to secondary nodes in deployment, initial configuration, and upgrades. However, unlike secondary nodes, the cluster will not use the standby nodes for any workloads.



Standby nodes are not supported for single-node clusters or clusters deployed in AWS or Azure.

The following two cases are supported:

- Single primary node failure

You can use the UI to convert the standby node into a new primary node.

- Two primary nodes failure

You will need to perform manual failover of one of the nodes to restore cluster functionality. Then fail over the second node using standard procedure.

## Add standby nodes

This section describes how to add a standby node to your cluster for easy cluster recover in case of a primary node failure.

### *Before you begin*

- Ensure that the existing primary nodes and the cluster are healthy.
- Prepare and deploy the new node.

You can failover only between nodes of identical types (physical or virtual), so you must deploy the same type of node as the nodes in your cluster which you may need to replace. In case of virtual nodes deployed in VMware ESX, which have two node profiles (**OVA-app** and **OVA-data**), you can failover only between nodes of the same profile.

- Ensure that the node you are adding is powered on.
- If you are adding a physical node, ensure that you have the new node's CIMC IP address and login information.

You will need to use the CIMC information to add the new node using the Nexus Dashboard GUI.

- If you are adding a virtual node, ensure that you have the node's management IP address and login information.

To add a standby node:

1. Navigate to **Nodes** in **System Status**.

**Admin > System Status > Nodes**.

2. In the main pane, click **Actions > Add node**.

The **Add Node** page opens.

3. In the **Add Node** screen, provide the node information.

- a. In the **Deployment details** area, provide the credentials information for the node, then click

## Validate.

- For physical nodes, this is the IP address, username, and password of the server's CIMC. The CIMC will be used to configure the rest of the information on the node.
  - For virtual nodes, this is the IP address and **rescue-user** password you defined for the node when deploying it.
- b. In the **General** area, provide the name and serial number of the node.
- c. From the **Type** dropdown, select **Standby**.
- d. Provide the **Management network** information.

For virtual nodes, the management network information will be pre-populated with the information pulled from the node based on the IP address and credentials you provided in the previous sub-step.

For physical nodes, you must provide the management network IP address, netmask, and gateway now.

- e. Provide the **Data network** information.

You must provide the data network IP address, netmask, and gateway. Optionally, you can also provide the VLAN ID for the network. For most deployments, you can leave the VLAN ID field blank.

- f. (Optional) Provide IPv6 information for the management and data networks.

Nexus Dashboard supports dual stack IPv4/IPv6 for the management and data networks.

If you want to provide IPv6 information, you must do it when adding the node.

All nodes in the cluster must be configured with either only IPv4 or dual IPv4/IPv6 stack.

- g. In the **Enable BGP** field, click the toggle to enable this feature, if necessary.

4. Click **Save** to add the node.

The configuration will be pushed to the node and the node will be added to the list in the GUI.

## Replace single primary node with standby node

This section describes failover using a pre-configured **standby** node. If your cluster does not have a standby node, follow the steps described in one of the sections in [Cisco Nexus Dashboard Troubleshooting](#) instead.

### *Before you begin*

- Ensure that at least 2 primary nodes are healthy.
- Ensure that you have at least one **standby** node available in the cluster.

Setting up and configuring **standby** nodes is described in [Adding Standby Nodes](#).

- Ensure that the **primary** node you want to replace is powered off.



You cannot re-add the **primary** node you are replacing back to the cluster after

the failover is complete. If the **primary** node you replace is still functional and you want to re-add it to the cluster after the failover, you must factory reset or re-image it as described in [Cisco Nexus Dashboard Troubleshooting](#) and add it as a **standby** or **primary** node only.

To failover a single primary node:

1. Navigate to **Nodes** in **System Status**.

**Admin > System Status > Nodes.**

2. Click the **Actions** (...) menu next to the **Inactive** primary node that you want to replace.
3. Choose **Failover**.

Note that you must have a standby node already configured and added or the **Failover** menu option will not be available.

4. In the **Fail Over** window that opens, select a standby node from the dropdown.
5. Click **Save** to complete the failover.

The failed primary node will be removed from the list and replaced by the standby node you selected. The status will remain **Inactive** while the services are being restored to the new primary node.

It can take up to 10 minutes for all services to be restored, at which point the new primary node's status will change to **Active**.

## Replace two primary nodes with standby node

The option to replace two primary nodes with a standby node is not supported. Instead, if one cluster becomes unavailable, you will recover that cluster from a backup that is available on another cluster. See the section "Perform a dynamic recovery on a cluster" in [Nexus Dashboard Troubleshooting](#) for more information.

## Delete standby nodes

*Before deleting a standby node:*

- Ensure that the primary nodes and the cluster are healthy
- Check for any anomalies

See [Overview](#) for more information.

To delete an existing standby node:

1. Navigate to **Nodes** in **System Status**.

**Admin > System Status > Nodes.**

2. Select the checkbox next to the standby node you want to delete.
3. From the **Actions** menu, choose **Delete** to delete the node.

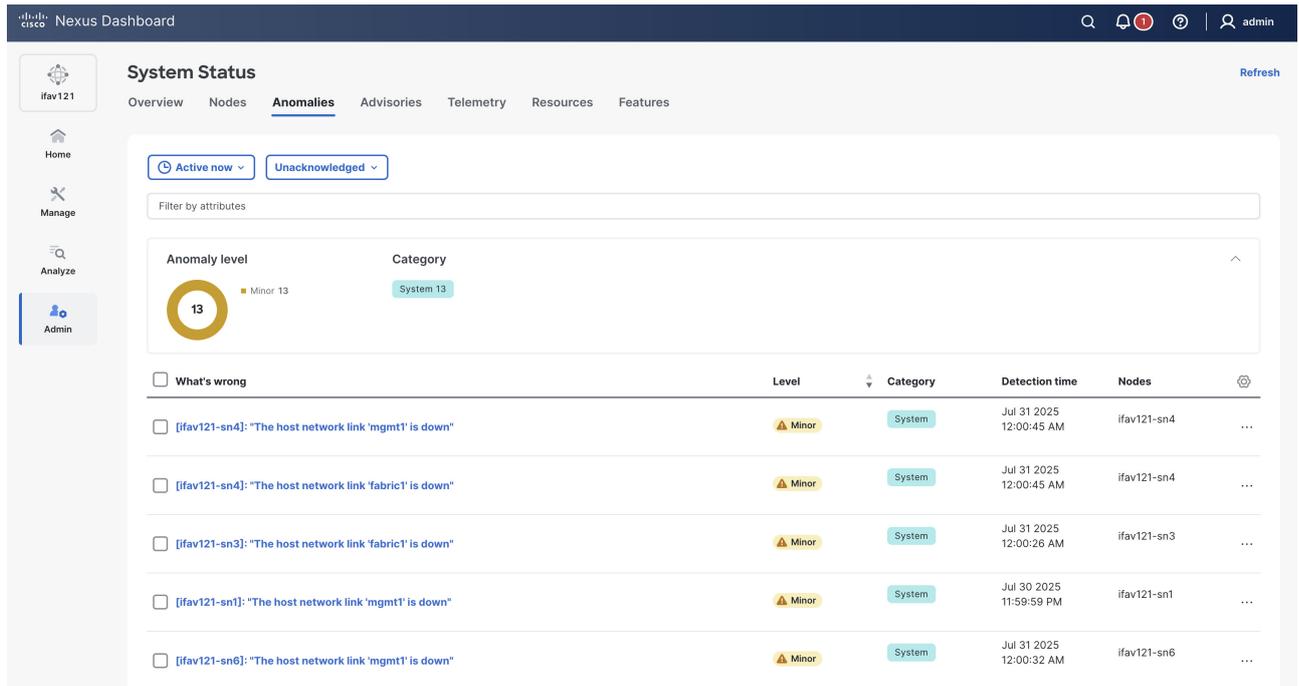
# Anomalies

The **Anomalies** tab allows you to quickly monitor platform-level anomalies detected on Nexus Dashboard. It highlights critical, high-severity events that require your prompt attention and resolution to keep the system healthy and stable.

1. Navigate to **Anomalies** tab in the **System Status** page.

Go to **Admin > System Status > Anomalies**.

2. Review the information provided in the **Anomalies** table.



The screenshot shows the Cisco Nexus Dashboard interface. The main heading is "System Status" with tabs for Overview, Nodes, Anomalies (selected), Advisories, Telemetry, Resources, and Features. A sidebar on the left contains navigation options: Home, Manage, Analyze, and Admin. The Anomalies section includes filters for "Active now" and "Unacknowledged", and a "Filter by attributes" search bar. A summary card displays "Anomaly level" as 13 Minor and "Category" as System 13. Below this is a table of anomalies:

<input type="checkbox"/> What's wrong	Level	Category	Detection time	Nodes	
<input type="checkbox"/> [fav121-sn4]: "The host network link 'mgmt1' is down"	Minor	System	Jul 31 2025 12:00:45 AM	ifav121-sn4	...
<input type="checkbox"/> [fav121-sn4]: "The host network link 'fabric1' is down"	Minor	System	Jul 31 2025 12:00:45 AM	ifav121-sn4	...
<input type="checkbox"/> [fav121-sn3]: "The host network link 'fabric1' is down"	Minor	System	Jul 31 2025 12:00:26 AM	ifav121-sn3	...
<input type="checkbox"/> [fav121-sn1]: "The host network link 'mgmt1' is down"	Minor	System	Jul 30 2025 11:59:59 PM	ifav121-sn1	...
<input type="checkbox"/> [fav121-sn6]: "The host network link 'mgmt1' is down"	Minor	System	Jul 31 2025 12:00:32 AM	ifav121-sn6	...

The **Anomalies** table displays filtered anomalies. By default, the anomalies are sorted by level. Click the column heading to sort the anomalies in the table. To view cleared anomalies, apply a filter to list anomalies from the past 15 minutes (or a similar recent time frame), and configure the table to show the **Status** column, where the status is displayed as either **Active** or **Cleared**. An **Active** status means the anomaly is present in your network, while a **Cleared** status means the anomaly is no longer present.

3. Click an anomaly to view more information.

The **Anomaly name** page displays these details.

- o **What's wrong?** – provides a problem description with the specific affected objects.
- o **What triggered this anomaly?** – provides the primary source of the anomaly.
- o **What's the impact?** – explains the potential impact if the problem is not fixed.
- o **How do I fix it?** – provides prescriptive recommendations.

**Nexus Dashboard** admin

---

ifav121

Home

Manage

Analyze

Admin

### Nodes Network Device Down

What's wrong?  
[ifav121-sn4]: "The host network link 'mgmt1' is down"

**Anomaly level** ▲ Minor

**Status active** ▲ Last seen  
Last seen: Jul 31, 2025, 08:34:06 AM

Category	Nodes	Initial detection time	Tags	Verification status	Assigned to
System	ifav121-sn4	Jul 31 2025 12:00:45 AM	-	New	-

What triggered this anomaly?

Node level networkLinkStatus anomaly is triggered if one or more host level network links goes down.

What's the impact?

- Network stability is fundamental for services to remain operational. Network links going down or flapping impacts several aspects including:
  - Service disruptions: Pods may lose connectivity to other pods or external services.
  - Failed health checks: Kubernetes may evict healthy pods if they fail readiness/liveness checks due to network issues.
  - Cluster instability: Control plane nodes may struggle to reach kubelets or etcd.
  - Data corruption: if NAS is used, dropped links can cause write failures or timeouts.
  - Management link failures might block all the management operations via SSH or UI.

Persistent link flaps or link failures may lead to total outage.

How do I fix it?

**Recommended solution**

- You should always connect redundant links for both data and management

For more information, see [Detecting Anomalies and Identifying Advisories in your Nexus Dashboard](#).

# Advisories

Nexus Dashboard uses metadata bundles to detect field notices, software and hardware end-of-life (EoL) and end-of-sale (EoS) announcements, as well as PSIRTs that affect the network cluster nodes, and it generates advisories. These advisories recommend actions to support your network for optimal performance. Previously, Nexus Dashboard limited advisories for fabric nodes. With this release, Nexus Dashboard includes advisories for cluster nodes. For more information, see [Metadata support](#) and [Detecting Anomalies and Identifying Advisories in your Nexus Dashboard](#).

Follow these steps to view the cluster advisories.

1. Navigate to **Advisories** tab in the **System Status** page.

Go to **Admin > System Status > Advisories**.

2. Review the information provided in the **Advisories** table.

Title	Advisory level	Category	Nodes
End-of-Sale and End-of-Life Announcement for the Cisco SE-NODE-G2	Warning	Hardware EOL	ifav121-sn1 ifav121-sn2 ifav121-sn3 ZB
End-of-Sale and End-of-Life Announcement for the Cisco N9K-C9236C and N9K-C92304QC	Critical	Hardware EOL	ifav121-sn4 ifav121-sn5 ifav121-sn6
End-of-Sale and End-of-Life Announcement for the Cisco APIC-M3, APIC-L3 and SE-NODE-G2 - Cisco	Warning	Hardware EOL	ifav121-sn3 ifav121-sn1 ifav121-sn2 ZB
CSCwi62525: Vulnerabilities in paramiko 2.6.0 CVE-2023-48795 and others	Warning	PSIRT	ifav121-sn4 ifav121-sn3 ifav121-sn1 ifav121-sn2 ifav121-sn5 ZB ifav121-sn6



Use the **Filter** drop-down list to choose the appropriate column name filter and display specific columns in the **Advisories** table.

The **Advisories** table displays the following information.

Field	Description
Title	Displays the name of the advisory as published by Cisco PSIRT or other sources.
Advisory level	Specifies if the custom dashboard is shared or private.
Category	Specifies the type of advisory, such as PSIRT, Field notice, Hardware, and Software EoL.
Nodes	Displays advisories for specific nodes.
What's wrong	Displays advisories of a specific affected object.

Field	Description
Detection time	Display advisories with a specific detection time.
Last seen time	Displays only advisories with a specific last seen time. The last seen time indicates when the advisory was updated while it was active. If the Nexus Dashboard does not clear the advisory status, it stays active.



Nexus Dashboard lists nodes on the **Advisories** page for 30 minutes after removing them from the cluster. This intentional delay ensures proper handling of any ongoing processes or alerts related to the nodes before removing them from the **Advisories** table. Hence, the main **Advisories** page displays the nodes that are already removed from the cluster but are still within the 30-minute grace period. However, when you click on a specific advisory to view detailed information, Nexus Dashboard displays a more accurate list of nodes, excluding those that have been removed.

3. Navigate to **Active now > Time Selection**, to choose the date and time range.

By default, **Active now** is chosen. You can customize the date and time range to determine the advisories data displayed in the **Advisories** table.

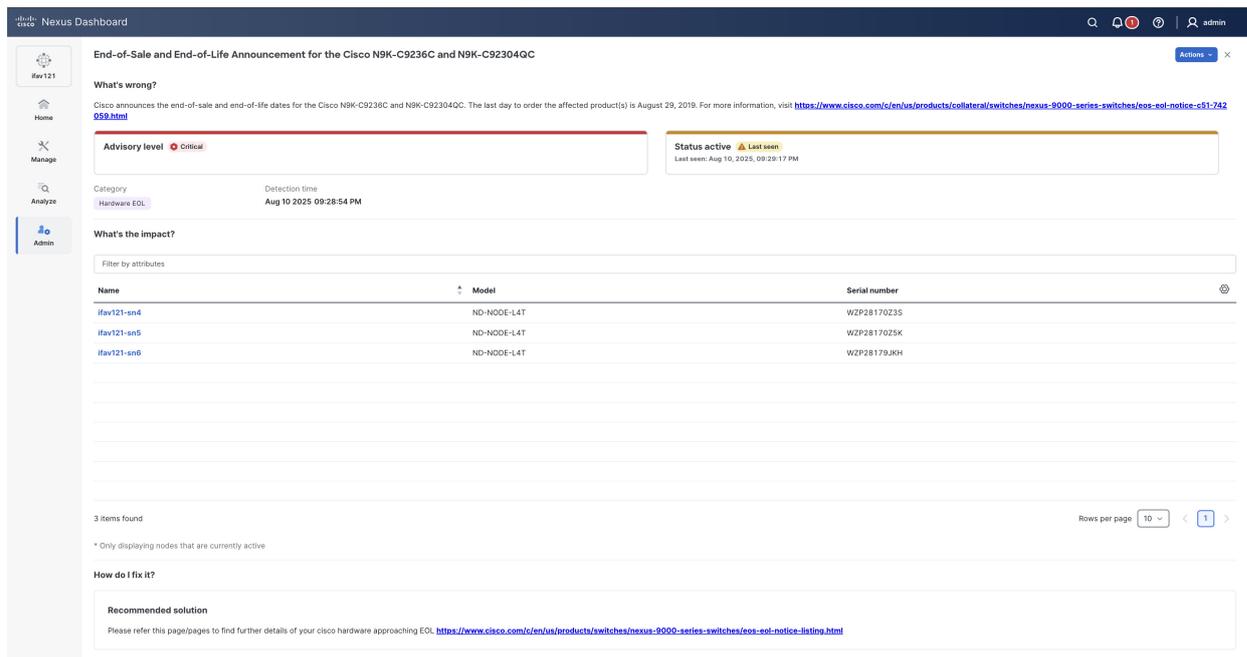
4. Choose the advisories from the **Advisories** table and click **Acknowledge advisories** to acknowledge advisories.

The screenshot displays the 'Advisories' page in the Nexus Dashboard. At the top, there's a navigation bar with 'System Status' and 'Advisories' tabs. Below the tabs, there are filters for 'Active now' and 'Unacknowledged'. A 'Filter by attributes' search bar is present. A 'Level' donut chart shows 8 total advisories: 2 Critical (red), 2 Major (orange), and 4 Warning (green). A 'Category' section lists: Hardware EOL (3), Software EOL (1), PSIRT (3), and Field notice (1). Below this is a table with columns: Title, Advisory level, Category, and Nodes. The table shows three advisories, with the second one selected (checked). The selected advisory is 'End-of-Sale and End-of-Life Announcement for the Cisco SE-NODE-G2' with a 'Warning' level and 'Hardware EOL' category. The table also includes buttons for 'Unselect Items' and 'Acknowledge advisories'.

5. By default, all the unacknowledged advisories are displayed in the **Advisories** table. Once you acknowledge an advisory, choose **Acknowledged** from the drop-down list to view all the acknowledged advisories.
6. The **Advisories** page displays the total number of advisories by severity such as **Critical**, **Major**, and **Warning** in the donut chart under **Level**. You can view the type of advisory, such as PSIRT, field notices, hardware, and software EoL under **Category**.
7. Click an advisory to view more information.

The **Advisory name** page displays these details.

- **What's wrong?** – provides a problem description with the specific affected objects.
- **How do I fix it?** – provides prescriptive recommendations.



The screenshot displays the Nexus Dashboard interface for an advisory. The title is "End-of-Sale and End-of-Life Announcement for the Cisco N9K-C9236C and N9K-C92304QC". The advisory level is "Critical". The status is "Status active" with a "Last seen" timestamp of "Aug 10, 2025, 09:29:17 PM". The detection time is "Aug 10 2025 09:28:54 PM". The category is "Hardware EOL". The "What's the impact?" section shows a table with 3 items found, including node names, models, and serial numbers.

Name	Model	Serial number
flav121-sn4	ND-NODE-L4T	WZP28170ZSS
flav121-sn5	ND-NODE-L4T	WZP28170ZSK
flav121-sn6	ND-NODE-L4T	WZP28179JKH



You can also view the cluster advisories by navigating to **Analyze > Advisories**. Click the **Include system advisories** toggle button to include system advisories. For more information, see [Detecting Anomalies and Identifying Advisories in your Nexus Dashboard](#).

## System advisory notification

When there is an active system advisory, a notification alert appears on the **Notifications** bell icon located in the common navigation bar at the top of the page. Click the notification bell icon to open the **Notifications** pane. In the **Notifications** pane, click **View system advisories**. Nexus Dashboard redirects you to the **System Status** page, where you can review the full list of current and past system advisories in the **Advisories** table.

The screenshot shows the Cisco Nexus Dashboard interface. The top navigation bar includes the Cisco logo, 'Nexus Dashboard', a search icon, a notification bell with a red '1', a help icon, and the user name 'admin'. The left sidebar contains navigation options: 'pnd-g1', 'Home', 'Manage', 'Analyze', and 'Admin' (which is highlighted). The main content area is titled 'System Status' and has tabs for 'Overview', 'Nodes', 'Anomalies', 'Advisories' (selected), 'Telemetry', and 'Resources'. Under 'Advisories', there are two filter buttons: 'Active now' and 'Unacknowledged'. Below the filters is a 'Filter by attributes' section. A summary card displays 'Level 1' with a 'Warning 1' indicator and a 'Category Hardware EOL 1' label. Below the summary is a table of advisories:

<input type="checkbox"/>	Title	Advisory level	Ca
<input type="checkbox"/>	End-of-Sale and End-of-Life Announcement for the Cisco APIC-M3, APIC-L3 and SE-NODE-G2 - Cisco	Warning	H

On the right side, there is a 'Notifications' panel titled 'System advisories' with a close button. It contains the text: 'There are advisories that are applicable to one or more nodes within this cluster. Please click the link for more details.' and a link 'View system advisories'.

## Metadata support

Nexus Dashboard uses metadata bundles to detect latest bug signatures, PSIRTs, field notices, and end-of-life notices. Cisco Intersight Cloud regularly updates, validates, and makes metadata packages available. Nexus Dashboard connects to the [Cisco Intersight Cloud](#) via an embedded device connector, which periodically retrieves the updated metadata packages. For air-gapped environments, where the Nexus Dashboard is not connected to the Cisco Intersight Cloud, you can securely and manually upload the latest metadata. You can download the bundle updates from [Cisco Intersight](#).

Follow these steps to check the metadata version.

1. Navigate to **Admin > System Settings**.
2. In the **General** tab, under **Metadata** you can view the metadata version.
3. Click **Edit** to update the metadata version.

The **Metadata** page appears. In the **Update metadata version** area, you can manually upload the latest metadata files.

# Telemetry

Beginning with Nexus Dashboard 4.2.1, Nexus Dashboard now collects basic telemetry data from Cisco Catalyst 9000 (CAT9K) devices running IOS-XE 17.15. Data collected from legacy protocols such as SNMP, Syslog, Netflow, and sflow provide basic telemetry and analytics information to represent device health and monitoring.

1. Navigate to **Telemetry** in **System Status**.

## Admin > System Status > Telemetry.

- o Click the **Fabrics** tab to view telemetry status information for the fabrics in your Nexus Dashboard.
- o Click the **Switches** tab to view telemetry status information for the fabrics in your Nexus Dashboard.



After upgrading to Nexus Dashboard 4.1.1, if any fabric shows a **Telemetry** configuration status as **Pending updates**, all other configurations or runtime states (at both fabric and switch level) should be ignored until a redeploy is triggered.

## Understanding system status

Nexus Dashboard processes your fabric's telemetry through different jobs, services and tasks that reflect what you see on screen. The statuses are summarized at the fabric level. Following is a brief description for each of them:

- **Assurance:** Indicates the status of the last assurance collection job. Hovering over this field will detail when assurance was last run, and whether it was a scheduled or on-demand task.
- **Capacity:** Ensures all validated switch capacity limitations are in conformance. It is expected for controllers to report **No Data** as this is not applicable to these devices.
- **Hardware resources:** Monitors the health of all switch HW resources including CPU, memory, fans, power supplies, storage and environmental levels are healthy.
- **Statistics:** Indicates the status of the collection of switch and interface level metrics. This collection is refreshed every 5 minutes.
- **Endpoints:** Displays the collection status of a switches Endpoint records. Hovering over this field will display the last update timestamp. Endpoint collection is not applicable to controllers or spines switches that have no endpoints connected.
- **Bug scan:** Provides the status of the previous bug scan analysis. Hovering over this field will provide the timestamp of the last run attempt.
- **Best practices:** Displays the status of the last best practices scan. Hovering over this field will provide the timestamp of the last run attempt.
- **Telemetry collection status:** This is available only at telemetry status in **Fabric Overview (Manage > Fabrics > FabricXYZ)**. This is dynamically updated and represents the data streaming status.
- **Telemetry configuration status:** Indicates that basic telemetry has been enabled on devices in the fabric. Status are:

- **OK:** All switches have been successfully configured for telemetry streaming.
- **Not OK:** Telemetry configuration for all switches in the fabric has failed or pending change control change.
- **Partial OK:** Some switches have been successfully configured for telemetry streaming, some failed.
- **In progress:** Telemetry configuration attempting to change state (Telemetry Pause/Resume, Pending change control).
- **Pending updates:** Indicates new telemetry configurations are available, can be availed with 'redeploy' action.
- **Out of sync :**Indicates a restore operation is in-progress, should be completed with 'reconfigure' action.
- **Software telemetry status:** Displays the software telemetry status for each switch. The value for this property will show **Enabled**, **Disabled** or a **Pending** state (if Change Control is enabled).
- **Flow collection:** Indicates flow collection configuration status.

## Configuring telemetry on Cisco Catalyst devices

Follow these steps to configure telemetry on Cisco Catalyst 9000 devices running IOS-XE 17.15:

### 1. Configure Telemetry Receiver on CAT9K

```
CAT9K-1#show telemetry receiver name nexusb
```

### 2. Configure Telemetry Subscription

Based on the filter specified, required data is collected. Subscriptions can be created for MOs such as endpoint, MAC, ARP, and interface.

```
CAT9K-1# show telemetry ietf subscription 303 detail
```

### 3. Configure UTR-PL for telemetry processing

This enables telemetry data to be received and parsed before being forwarded to downstream services for processing.

## Telemetry feature support matrix

Category	Features
Inventory	Switches, controllers, interfaces, and endpoints with historical data
Hardware resources	CPU, memory, power, temperature, and interfaces with historical information
Topology	Fabric-level with switch, interface, and inventory view for endpoint visibility

Category	Features
Traffic analytics	<p>Fabrics can be either in TA full or TA compatible mode. Mixed mode is not supported where some switches within the fabric are either in TA full and TA compatible mode.</p> <p>NOTE: For TA compatibility mode, navigate to <b>Manage &gt; Fabric</b>, select the fabric and click <b>Actions &gt; Edit fabric settings</b>. Go to the <b>Telemetry</b> tab, select <b>Traffic analytics compatibility mode</b> and click <b>Save</b>.</p>

# Resources

**Resources** provides real-time information about the resource utilization of your Nexus Dashboard cluster.

1. Navigate to **Resources** in **System Status**.

**Admin > System Status > Resources.**



In Nexus Dashboard 4.2.1, the digital news feed button is removed from the **Admin > System Status > Resources** page.

# Features

**Features** provides information on the features that are enabled in your Nexus Dashboard and the health status for those features.

1. Navigate to **Features** in **System Status**.

**Admin > System Status > Features.**

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