



Monitor with dashboards

NetApp Console local deployment

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Monitor with dashboards

View Home page metrics in NetApp Console local deployment

Use the Home page dashboard in NetApp Console local deployment as your default starting point for monitoring storage health and performance. It provides high-level metrics for fleet health, alerts, security, capacity usage, latency, throughput, and IOPS.

The Home page dashboard is automatically scoped to only the fleets and systems you are authorized to view. You can also add a custom dashboard to the Home page for role-specific monitoring.

Use the cards as a layered triage workflow. Start with **Fleet health** and **Alerts** to find risk hotspots. Use **System health status** and **Recommended remediations** to identify impacted resources. Use **Capacity usage**, **Latency**, **Throughput**, and **IOPS** to investigate root causes.

Fleet health

The **Fleet health** card shows a high-level status summary for the top five fleets, including system counts, used capacity, security compliance, and critical alerts. Use this card to identify which fleets need immediate attention. Select the fleet name to view a fleet-only dashboard for the selected fleet.

Recommended remediations

The **Recommended remediations** card lists active issues and suggested actions. The card prioritizes remediations based on capacity pressure, offline resources, and protection-related risks.

Alerts

The **Alerts** card summarizes alert volume in the selected time range and groups it by severity. Use this card to understand current incident load and to spot recent changes in critical, warning, or informational alerts.

Security

The **Security** card summarizes compliance and protection metrics, such as system compliance and ransomware-related controls. Use this view to monitor security trends across your resources.

Capacity usage

The **Capacity usage** card displays projected and historical usage trends across selected fleets or systems. Use this card to identify growth patterns and plan for additional capacity.

Latency

The **Latency** card tracks response-time behavior over time across the selected systems. Use this trend to detect emerging performance delays and compare relative latency across resources.

Throughput

The **Throughput** card shows data transfer rates over time for selected systems. Use this card to understand

workload intensity and monitor throughput demand changes.

IOPS

The **IOPS** card shows input/output operation rates over time. Use this card to compare activity levels between systems and identify sustained or intermittent I/O demand.

Dashboard card (example metric card)

The lower **Dashboard** area can contain a user-selected custom dashboard such as average latency for a selected production scope. Use these cards for focused monitoring by team, workload, or goal.

System health status

The **System health status** card lists individual systems with their current health state. Use this card to quickly identify unhealthy systems and correlate status changes with alerts and performance signals.

Related information

- [Learn about custom dashboards in NetApp Console local deployment](#)
- [Learn about custom dashboard cards and metrics in NetApp Console local deployment](#)

Use custom dashboards

Learn about custom dashboards in NetApp Console local deployment

Use custom dashboards in NetApp Console local deployment to create focused monitoring views for specific teams, fleets, workloads, and operational goals. Custom dashboards complement the Home page dashboard by adding targeted visibility to broad, always-available monitoring.

How dashboard types work together

Home page dashboard

Ready-to-use monitoring panes for capacity, alerts, performance capacity, licenses, and data protection status. Views are preconfigured and update automatically.

[View Home page metrics in NetApp Console local deployment.](#)

Custom dashboards

Role-specific monitoring views built from predefined cards, including selectable scope, metrics, target resources, and time windows.

Use both together:

- * Start on the Home page for daily baseline monitoring.
- * Use custom dashboards for focused investigation by team, fleet, workload, or operational question.

You can add one custom dashboard to the Home page at a time.

Understand custom dashboards

A custom dashboard is a saved collection of cards that you arrange on a grid. Each card is based on a predefined card template with a metric and chart type. When you add a card, you configure the scope, target objects, aggregation, and time window.

Custom dashboards and cards are private to you. Each card shows data only for the storage resources you are authorized to view.

You can remove the custom dashboard from your Home page and add a different one as monitoring priorities change.

Monitor what matters

Card templates are organized by metric type so you can focus a dashboard on a specific operational area. For example, use capacity cards to watch a volume that is growing faster than expected, or use alert cards to track repeated failures on a busy cluster:

Performance

Latency, IOPS, throughput, utilization, and performance capacity across the fleet, systems, SVMs, volumes, and LUNs.

Capacity

Used capacity, free capacity, capacity used percentage, and snapshot capacity across the fleet, systems, SVMs, volumes, LUNs, and local tiers.

Health

Health status, degraded or critical object counts, failed disks, network interface errors, and hot objects.

Alerts

Critical alert counts, alerts by severity, alerts by impact area, recent alerts, and alert trends over time.

For a complete catalog of predefined cards and metrics, see [Learn about custom dashboard cards and metrics in NetApp Console local deployment](#).

Resource types

You can scope cards to any level of the ONTAP storage hierarchy: fleet, cluster, system (node), SVM, volume, LUN, and local tier (aggregate). The available resource types depend on the card template you select.

Plan dashboard views

Organize custom dashboards around storage administration goals such as workload performance triage, capacity planning, health risk detection, and alert prioritization.

Related information

- [Get started with dashboards in NetApp Console local deployment](#)
- [View Home page metrics in NetApp Console local deployment](#)
- [Learn about custom dashboard cards and metrics in NetApp Console local deployment](#)

Get started with dashboards in NetApp Console local deployment

In NetApp Console local deployment, follow this workflow to monitor from broad to focused views: review the Home page dashboard, review predefined dashboards, create custom dashboards, and keep dashboards current.

Required access roles

All roles. Dashboards show only the resources you are authorized to view. If you do not see a resource in the list of available resources, you do not have permission to view it.

1

Check baseline health on the Home page

Use the Home page dashboard to review organization-level capacity, alerts, performance, and data protection status.

- [View Home page metrics in NetApp Console local deployment](#)
- [Learn about storage monitoring in NetApp Console local deployment](#)

2

Review other predefined dashboards

Open **Storage > Dashboards** to review predefined dashboards for additional role-specific views.

- [Manage dashboards in NetApp Console local deployment](#)

3

Build custom dashboards for focused monitoring

Create custom dashboards when you need targeted views for selected resources, metrics, and time windows.

- [Create a custom dashboard](#)
- [Customize dashboard cards in NetApp Console local deployment](#)

4

Keep dashboards current

Update dashboards as priorities change by editing, duplicating, or deleting custom dashboards.

- [Manage dashboards in NetApp Console local deployment](#)
- [Learn about custom dashboard cards and metrics in NetApp Console local deployment](#)

Related information

- [Learn about custom dashboards in NetApp Console local deployment](#)
- [View Home page metrics in NetApp Console local deployment](#)

Build dashboards for monitoring goals in NetApp Console local deployment

Create a custom dashboard in NetApp Console local deployment, add cards, and save a monitoring view for daily operations.

If you only need organization-level monitoring that is ready to use, start with predefined Home page

dashboards. Create a custom dashboard when you need a role-specific view, resource-level targeting, or a tailored card layout.

Console local deployment dashboard guidelines

- Only the user who creates the dashboard can view it. You cannot share dashboards with other users, even when you add them to the Console Home page.
- You can only view resources that you have permission to view. If you do not see a resource in the list of available resources, you do not have permission to view it.
- Before you begin, identify the metric types and resources you want the dashboard to track. [Learn about custom dashboard cards and metrics in NetApp Console local deployment](#)

Build a dashboard for your monitoring goals

Create a dashboard when you need one place to monitor the metrics that matter to your role, such as fleet health, performance hotspots, and alert trends.

Steps

1. Select **Storage > Dashboards**.
2. Select **Add Dashboard**.

Console local deployment creates a new dashboard with a default name and no description.

3. Select **Add Card**.
4. Select the **Resource type** for the card, such as fleet, system, or volume and then choose resources from the list of available resources.
5. Select **Next** to continue to choose a metric and card type.
6. Choose a metric to display. You can filter the available metrics by type: the **Metric Type: Performance, Capacity, Health, or Alerts** or search for a specific metric by name. The available metrics depend on the resource type you selected.

[Learn about the available metrics.](#)

7. Select a card to include in the dashboard and select **Next**.

You can only select one card at a time. The card preview shows live data for the selected metric and resource type.

8. Name your card. The name must be unique within the dashboard.
9. Review the card preview, enter a card name and description, and then select **Add**.
10. Repeat these steps for additional cards.
11. Select the pencil icon to edit the dashboard name and description to describe its purpose.
12. Select the action menu to the right of the Add card button and select **Save dashboard**.

The saved dashboard is available under **Storage > Dashboards**.

13. Optionally, add this dashboard to your Home page by selecting **Add to Home page** from the action menu. The dashboard is added to the Home page. Only you can view custom dashboards that you create. It is not shared with others.

Related information

- [View Home page metrics in NetApp Console local deployment](#)
- [Learn about custom dashboards in NetApp Console local deployment](#)
- [Customize dashboard cards in NetApp Console local deployment](#)
- [Manage dashboards in NetApp Console local deployment](#)

Customize cards in NetApp Console local deployment

In NetApp Console local deployment, customize dashboard cards when you need to focus operators on the signals that matter most, such as SLA risk, capacity pressure, or recurring alert noise. Use this topic to shape dashboard views around the operational decisions your team needs to make.

Before you begin

- Create or open a dashboard where you want to place cards.
- Review available templates and metrics in [Learn about custom dashboard cards and metrics in NetApp Console local deployment](#).

Add cards while refining an existing dashboard

Use this option when you are refining an existing dashboard and need to quickly add cards that answer a specific operational question.

Steps

1. Open the dashboard you want to add a card to.
2. Select **Add Card**.
3. Select the **Resource type** for the card, such as fleet, system, or volume and then choose resources from the list of available resources.
4. Select **Next** to continue to choose a metric and card type.
5. Choose a metric to display. You can filter the available metrics by type: the **Metric Type: Performance, Capacity, Health, or Alerts** or search for a specific metric by name. The available metrics depend on the resource type you selected.

[Learn about the available metrics.](#)

6. Select a card to include in the dashboard and select **Next**.

You can only select one card at a time. The card preview shows live data for the selected metric and resource type.

7. Name your card. The name must be unique within the dashboard.
8. Review the card preview, enter a card name and description, and then select **Add**.
9. Repeat these steps for additional cards.
10. Save the dashboard.

Related information

- [View Home page metrics in NetApp Console local deployment](#)
- [Learn about custom dashboards in NetApp Console local deployment](#)
- [Create a custom dashboard](#)
- [Manage custom dashboards](#)
- [Learn about custom dashboard cards and metrics in NetApp Console local deployment](#)

Predefined dashboards and custom dashboard cards reference in NetApp Console local deployment

In NetApp Console local deployment, predefined dashboards and custom dashboard card templates provide monitoring coverage for ONTAP performance, capacity, health, and alert operations.

Predefined dashboards

The following predefined dashboards are available out of the box.

Name	Description
Volumes	Volume performance, capacity, QoS, FabricPool, growth rate, and forecast metrics.
Time Till Full	ONTAP time-till-full predictions for clusters, volumes, and aggregates.
Security	Security compliance, encryption, autonomous ransomware protection, and authentication overview.
SVMs	ONTAP SVM performance, capacity, volume, LIF, protocol (CIFS, FCP, iSCSI, NFS, NVMe/FC), QoS, and latency heatmap monitoring.
Power	ONTAP cluster power consumption, temperature, and fan speed monitoring for nodes, shelves, and aggregates.
Nodes	ONTAP node performance, CPU, network, and backend monitoring.
Network	Network performance metrics including Ethernet, FibreChannel, NVMe/FC, Link Aggregation Groups, and Routes.
LUNs	ONTAP LUN performance, capacity, and efficiency monitoring.
Health	ONTAP cluster health monitoring including errors, warnings, EMS alerts, HA issues, node/disk/shelf health, volumes, licenses, and network ports.
Aggregates	ONTAP aggregate capacity, efficiency ratios, and growth rate monitoring.

Dashboard-level time windows and aggregation

Available time windows are 30 minutes, 1 hour, 24 hours, 48 hours, 7 days, and 30 days. Aggregation options vary by template and include views such as fleet-wide rollup or top-N style results. Time window and aggregation are configured at the dashboard level and apply to all cards in the dashboard.

Dashboard card templates and metrics

Cards are the building blocks of custom dashboards. Each card uses a predefined template with a metric and chart type, then maps that view to specific ONTAP objects and monitoring goals.



Card templates are predefined and not user-created.

Storage operations metric index (at a glance)

Metric types align to common storage administration outcomes, including performance bottlenecks, capacity pressure, health risk, and alert volume.

Metric type	Supported metrics	Storage admin use case	Detailed templates
Performance	Average latency, peak latency, IOPS, throughput (MB/s), utilization, performance capacity	Identify bottlenecks, sustained pressure, and performance headroom	Go to templates
Capacity	Used capacity, free capacity, capacity used (%), snapshot capacity used	Track growth, identify low-free-capacity areas, and monitor snapshot impact	Go to templates
Health	Health status, degraded/critical objects, failed disks, network interface errors, hot objects (by latency)	Detect health regressions and prioritize operational triage	Go to templates
Alerts	Alerts (Critical), alerts by severity, alerts by impact area, recent alerts, alert trend	Monitor active incidents and trend alert volume over time	Go to templates

Supported ONTAP object hierarchy (resource types)

Card data can be represented at multiple ONTAP object levels, from fleet-level visibility to object-level troubleshooting.

Resource type settings map to one or more of the following resource levels:

- Fleet
- Cluster
- System (node)
- SVM
- Volume
- LUN
- Local tier (aggregate)

The available resource levels depend on the template and metric you select.

Chart types for operational analysis

Chart type affects how quickly you can interpret trends, comparisons, distributions, and point-in-time values.

Chart type	Best for
Line chart	Time-series trends, such as latency, IOPS, throughput, utilization, and alert trends over time.
Bar chart	Categorical comparison and distribution, such as alerts by severity or impact area.
Pie or doughnut	Proportional distribution, such as capacity used percentage.
Table	Detailed, multi-column data, such as used capacity, health status, and recent alerts.
Single number (stat)	A single key value at a glance, such as critical alert counts or failed disks.

Performance templates for workload triage

Performance templates focus on latency, throughput, and utilization signals that indicate workload pressure.

Template	Chart type	Description
Average Latency	Line	Average latency across the selected targets over the chosen time window.
Peak Latency	Line	Maximum latency observed across the selected targets over the chosen time window.
IOPS	Line	Sum of I/O operations per second across the selected targets.
Throughput (MB/s)	Line	Sum of data throughput across the selected targets.
Utilization	Line	Average CPU or disk utilization across the selected targets.
Performance Capacity	Table	Headroom analysis comparing current utilization to the optimal point.

Capacity templates for growth and headroom

Capacity templates focus on consumed and available space to support growth planning and risk detection.

Template	Chart type	Description
Used Capacity	Table	Sum of used capacity across the selected targets.
Free Capacity	Table	Sum of free or available capacity across the selected targets.
Capacity Used (%)	Pie or doughnut	Average used-to-total ratio across the selected targets.
Snapshot Capacity Used	Table	Sum of snapshot space consumed across the selected targets.

Health templates for risk detection

Health templates focus on object status and failure indicators to support operational triage.

Template	Chart type	Description
Health Status	Table	Latest health state for each selected target object.

Template	Chart type	Description
Degraded/Critical Objects	Single number	Count of objects whose health state is not OK.
Failed Disks	Single number	Sum of failed disks across the selected systems.
Network Interface Errors	Pie or doughnut	Sum of network interface error counters across the selected targets.
Hot Objects (by Latency)	Table	Resources ranked by peak latency, in descending order.

Alerts templates for incident prioritization

Alerts templates focus on incident volume, severity, and impact area to support monitoring and prioritization.

Template	Chart type	Description
Alerts (Critical)	Single number	Count of critical-severity alerts within the time window.
Alerts by Severity	Bar	Alerts grouped by severity level.
Alerts by Impact Area	Bar	Alerts grouped by impact area, such as capacity, performance, or security.
Recent Alerts	Table	Most recent alerts, sorted by time in descending order.
Alert Trend	Line	Alert count per time bucket over the chosen time window.

Related information

- [View Home page metrics in NetApp Console local deployment](#)
- [Learn about custom dashboards in NetApp Console local deployment](#)
- [Create a custom dashboard](#)
- [Customize dashboard cards in NetApp Console local deployment](#)
- [Manage custom dashboards](#)

Manage custom dashboards

Manage dashboards in NetApp Console local deployment

Manage custom dashboards in NetApp Console local deployment to keep views aligned with operations. You can edit, duplicate, and delete dashboards as teams, fleets, and priorities change.

This task applies only to custom dashboards under **Storage > Dashboards**. Predefined Home page dashboards cannot be edited in the same way.

View dashboards

View custom and predefined dashboards to find the dashboard you want to open, edit, duplicate, or delete.



You can duplicate a predefined dashboard to create a custom version that you can edit.

Steps

1. Select **Storage > Dashboards**.
2. Review the dashboard table to find the dashboard you want to open.
3. Select the dashboard name to open it and view its metrics.
4. If needed, use the available actions to edit, duplicate, or delete custom dashboards.

Update a dashboard as priorities change

Edit a dashboard when your operational priorities change and you need to adjust which cards and metrics are visible.

Steps

1. Select **Storage > Dashboards**.
2. Open the dashboard you want to edit.
3. Modify an existing card on the dashboard by selecting **Edit** from the actions menu of the card.
4. Add a new card to the dashboard by selecting **Add Card**.

[Customize cards in NetApp Console local deployment.](#)

5. Select **Save changes** to save the dashboard.
 - You can also choose to save your changes as a new dashboard by selecting **Save as new dashboard** from the action menu. This option is useful when you want to keep the original dashboard for other teams or fleets while creating a new version for your current monitoring needs.
 - You can also choose to discard your changes by selecting **Discard changes** from the action menu. This option is useful when you want to revert to the last saved version of the dashboard.

Reuse a custom dashboard for another resource or fleet

Duplicate a dashboard when you want to reuse a proven layout for another team, fleet, or monitoring scenario without rebuilding it from scratch.



You can duplicate a predefined dashboard to create a custom version that you can edit.

Steps

1. Select **Storage > Dashboards**.
2. For the dashboard you want to duplicate, select **Duplicate** from the actions menu.

Console local deployment creates a copy that includes all cards from the original dashboard.

3. Provide a name and description for the duplicated dashboard.
4. Select the duplicate dashboard you just created. Change the metrics, resources, and card types to suit your new monitoring scenario.

[Customize cards in NetApp Console local deployment.](#)

Remove dashboards you no longer use

Delete a dashboard when it no longer supports current operations and you want to keep your dashboard list focused on active use cases.

Steps

1. Select **Storage > Dashboards**.
2. For the dashboard you want to remove, select **Delete**.
3. Confirm the deletion.

Related information

- [View Home page metrics in NetApp Console local deployment](#)
- [Get started with dashboards in NetApp Console local deployment](#)
- [Learn about custom dashboards in NetApp Console local deployment](#)
- [Create a custom dashboard](#)
- [Customize dashboard cards in NetApp Console local deployment](#)

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