

Dashboards

Importance

Dashboards enable you to focus on what is important in your environment.

The VCF Operations console provides a set of predefined dashboards. You can also create custom dashboards to meet the business needs of your users: virtual infrastructure team, executives, application owners, operators, and so on.

You must know how to use dashboards, widgets, and interactions to provide meaningful data and insights to support your day-to-day environment monitoring and optimization.

Module Lessons

1. Dashboards and Widgets
2. Managing Dashboards

Dashboards and Widgets



Learner Objectives

- Describe the functions of dashboards
- Build a custom dashboard
- Configure widget interactions
- Use metric configuration files

Understanding Dashboards

Dashboards present a visual overview of the performance and state of objects in your virtual infrastructure. To access dashboards, you must navigate to **Infrastructure Operations > Dashboards & Reports > Dashboards**.

You can view the predefined dashboards on the **Overview** tab, and view all dashboards (predefined and custom) on the **Manage** tab. The **Manage** tab also enables you to manage and alter any dashboards.

The screenshot shows the VMware Cloud Foundation Operations interface. The left sidebar has a tree view with categories like Home, Inventory, Infrastructure Operations (which is expanded to show Diagnostic Findings, VCF Health, Dashboards & Reports, Alerts, Troubleshooting Workbench, Analyze, Storage Operations, Network Operations, Data Protection & Recovery, Automation Central, Configurations, Workload Operations, Fleet Management, Capacity, Security, License Management, Administration, and Developer Center). The main area has tabs for Overview and Manage, with Manage selected. It shows a table of dashboards with columns for Name, Folder, Description, Active, URL, Shared, Owner, Report Usage, Last Modified, and Modified by. There are 160 items listed. A search bar at the top is empty. A message bar at the bottom says "1 - 160 of 160 items".

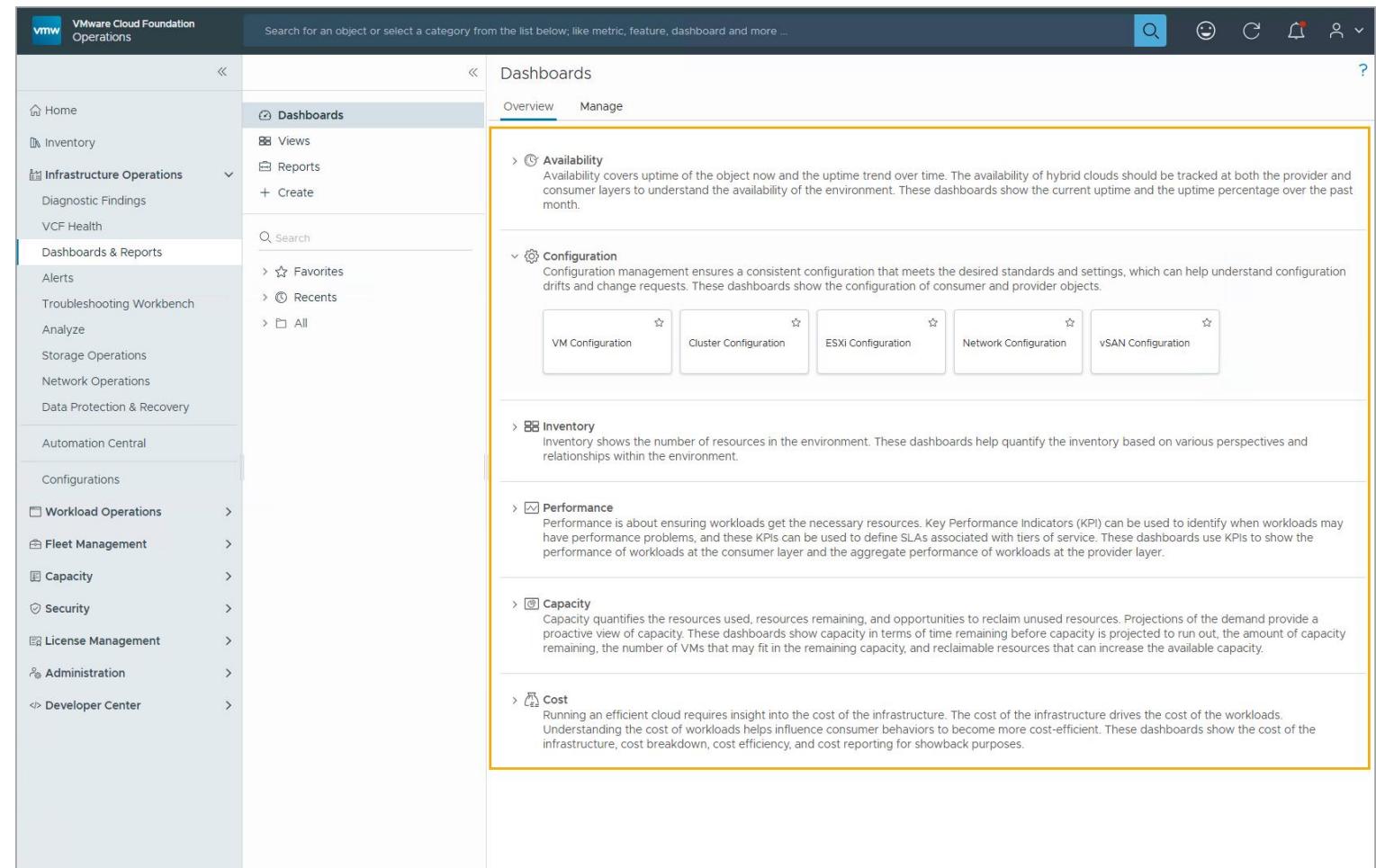
Name	Folder	Description	Active	URL	Shared	Owner	Report Usage	Last Modified	Modified by
(DEP) Cluster Contention	Performance > Provider	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) Cluster Utilization	Performance > Provider	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) Consumer \ Correct it?	Configuration > Review	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) Consumer \ Optimize it?	Configuration > Review	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) Consumer \ Simplify it?	Configuration > Review	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) Consumer \ Update it?	Configuration > Review	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) Environment Capacity Sum...		This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) ESXi Capacity	Capacity	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) ESXi Contention	Performance > Provider	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) ESXi Utilization	Performance > Provider	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
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(DEP) Provider \ Update it?	Configuration > Review	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) Recommendations	vSphere Dashboards ...	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) VM Contention	Performance > Consu...	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
(DEP) VM Utilization	Performance > Consu...	This dashboard has ...	✗	-	✗	admin	0	3/13/25 6...	admin
Assess Cost	Cost > Provider Layer	Analyze the costs of ...	✓	-	✗	admin	0	3/13/25 6...	admin
Base Rate Analysis	Cost > Provider Layer		✓	-	✗	admin	0	3/13/25 6...	admin
Business Applications Cost vs. Price	Cost > Provider Layer		✓	-	✗	admin	0	3/13/25 6...	admin
Capacity Summary	Dashboard Library > E...	An example of a das...	✓	-	✗	admin	0	3/13/25 6...	admin
Carbon Transparency	Sustainability	This is part of the set...	✓	-	✗	admin	0	3/13/25 6...	admin
Chargeback (VM Price)	Cost > Consumer Layer		✓	-	✗	admin	0	3/13/25 6...	admin
Cluster Capacity	Capacity	Monitor the capacity ...	✓	-	✗	admin	0	3/13/25 6...	admin
Cluster Configuration	Configuration > Overvi...	Highlight cluster conf...	✓	-	✗	admin	0	3/13/25 6...	admin

Understanding Predefined Dashboards

You can access some of the useful, predefined dashboards from the **Dashboards > Overview** home page.

The predefined dashboards are categorized as follows:
Availability, Configuration, Inventory, Performance, Capacity, and Cost.

To access any predefined dashboard, expand the selected category and click the specific dashboard.



The screenshot shows the VMware Cloud Foundation Operations interface. On the left, there is a navigation sidebar with various links like Home, Inventory, Infrastructure Operations, and Dashboards & Reports. The 'Dashboards & Reports' link is currently selected. In the main content area, there is a search bar at the top. Below it, there are tabs for 'Overview' and 'Manage'. The 'Overview' tab is selected. The main content area is divided into several sections, each with a title and a brief description. These sections are:

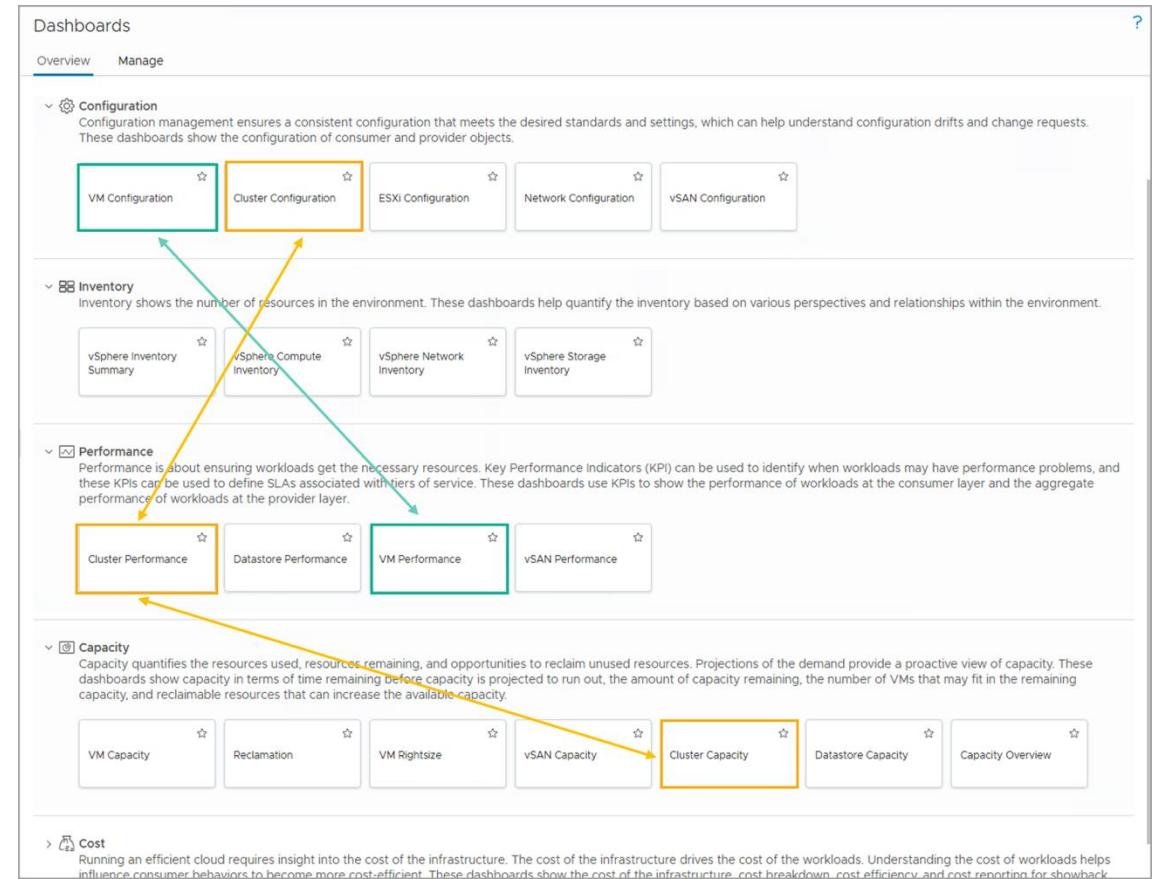
- Availability**: Availability covers uptime of the object now and the uptime trend over time. The availability of hybrid clouds should be tracked at both the provider and consumer layers to understand the availability of the environment. These dashboards show the current uptime and the uptime percentage over the past month.
- Configuration**: Configuration management ensures a consistent configuration that meets the desired standards and settings, which can help understand configuration drifts and change requests. These dashboards show the configuration of consumer and provider objects. It includes subdashboards for VM Configuration, Cluster Configuration, ESXi Configuration, Network Configuration, and vSAN Configuration.
- Inventory**: Inventory shows the number of resources in the environment. These dashboards help quantify the inventory based on various perspectives and relationships within the environment.
- Performance**: Performance is about ensuring workloads get the necessary resources. Key Performance Indicators (KPI) can be used to identify when workloads may have performance problems, and these KPIs can be used to define SLAs associated with tiers of service. These dashboards use KPIs to show the performance of workloads at the consumer layer and the aggregate performance of workloads at the provider layer.
- Capacity**: Capacity quantifies the resources used, resources remaining, and opportunities to reclaim unused resources. Projections of the demand provide a proactive view of capacity. These dashboards show capacity in terms of time remaining before capacity is projected to run out, the amount of capacity remaining, the number of VMs that may fit in the remaining capacity, and reclaimable resources that can increase the available capacity.
- Cost**: Running an efficient cloud requires insight into the cost of the infrastructure. The cost of the infrastructure drives the cost of the workloads. Understanding the cost of workloads helps influence consumer behaviors to become more cost-efficient. These dashboards show the cost of the infrastructure, cost breakdown, cost efficiency, and cost reporting for showback purposes.

Predefined Dashboard Use Cases

The predefined dashboards in your VCF Operations console cover a great range of use cases to help you understand and manage your virtual environment. Dashboards are powerful proactive tools that help you monitor your environment or troubleshoot any issue.

The following examples show how you can leverage some of the predefined dashboards:

- If you want to understand the status of the clusters in your virtual environment and want to know how many more VMs you can fit into any existing cluster, you can use the combination of **Cluster Capacity**, **Cluster Configuration**, and **Cluster Performance** to help you.
- If you want to understand the performance of your VMs and compare VM configurations to understand the performance difference, you can use a combination of **VM Configuration** and **VM Performance** to help you understand the VMs in your virtual environment.



Understanding Custom Dashboards

If the predefined dashboards cannot meet your organization's business case, you can create custom dashboards to meet your environment needs.

To create a custom dashboard, you can either click **+ Create** or click **ADD** on the **Manage** tab.

Creating a custom dashboard requires the completion of the following tasks:

1. Adding dashboard widgets
2. Configuring widget data sources and objects
3. Configuring widget interactions

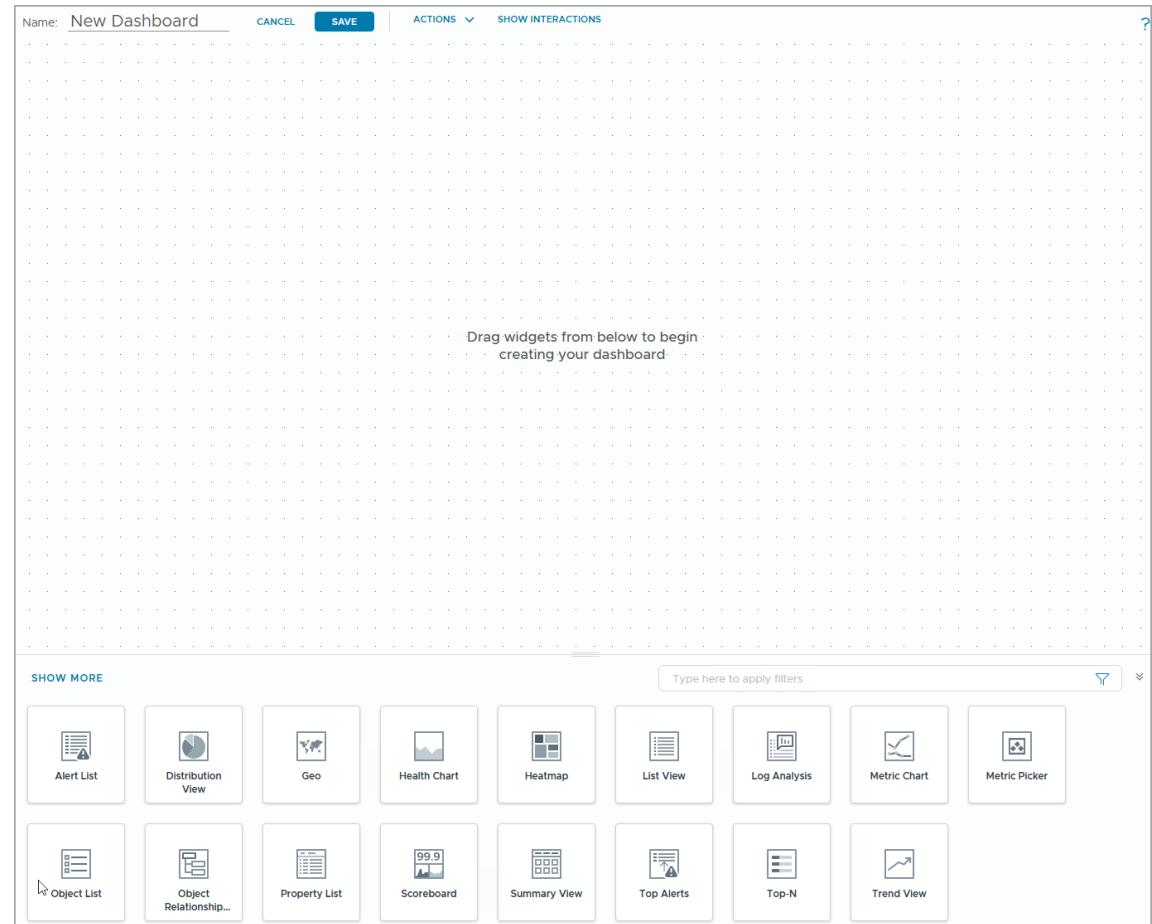
The screenshot shows the VMware Cloud Foundation Operations interface. On the left, there is a navigation sidebar with various categories like Home, Inventory, Infrastructure Operations, and Reports. The 'Dashboards' section is currently selected. In the main content area, there is a table titled 'Dashboards' with columns for Name, Folder, Description, Activation, URL, Share, Owner, Report Usage, Last Modified, and Modified by. The 'ADD' button in the top right corner of the table header is highlighted with an orange box. Another orange box highlights the '+ Create' button in the 'Dashboards' section of the sidebar.

Name	Folder	Description	Activation	URL	Share	Owner	Report Usage	Last Modified	Modified by
(DEP) Cluster Contention	Performance > Provider	This dashboard has ...	Off	-	Admin	admin	0	5/10/25 1:1...	admin
(DEP) Cluster Utilization	Performance > Provider	This dashboard has ...	Off	-	Admin	admin	0	5/10/25 11:...	admin
(DEP) Consumer \ Correct it?	Configuration > Review	This dashboard has ...	Off	-	Admin	admin	0	5/10/25 1:1...	admin
(DEP) Consumer \ Optimize it?	Configuration > Review	This dashboard has ...	Off	-	Admin	admin	0	5/10/25 1:1...	admin
(DEP) Consumer \ Simplify it?	Configuration > Review	This dashboard has ...	Off	-	Admin	admin	0	5/10/25 1:1...	admin
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(DEP) Provider \ Simplify it?	Configuration > Review	This dashboard has ...	Off	-	Admin	admin	0	5/10/25 1:1...	admin
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Assess Cost	Cost > Provider Layer	Analyze the costs of ...	On	-	Admin	admin	0	5/10/25 1:1...	admin
Base Rate Analysis	Cost > Provider Layer		On	-	Admin	admin	0	5/10/25 11:...	admin
Business Applications Cost vs. Price	Cost > Provider Layer		On	-	Admin	admin	0	5/10/25 1:1...	admin
Capacity Summary	Dashboard Library > E...	An example of a das...	On	-	Admin	admin	0	5/10/25 1:1...	admin
Chargeback (Business Application Pri...	VMware Cloud Found...		On	-	Admin	admin	0	5/13/25 9:...	admin

Designing a Dashboard

When creating a custom dashboard, you must consider its purpose, audience, and required data:

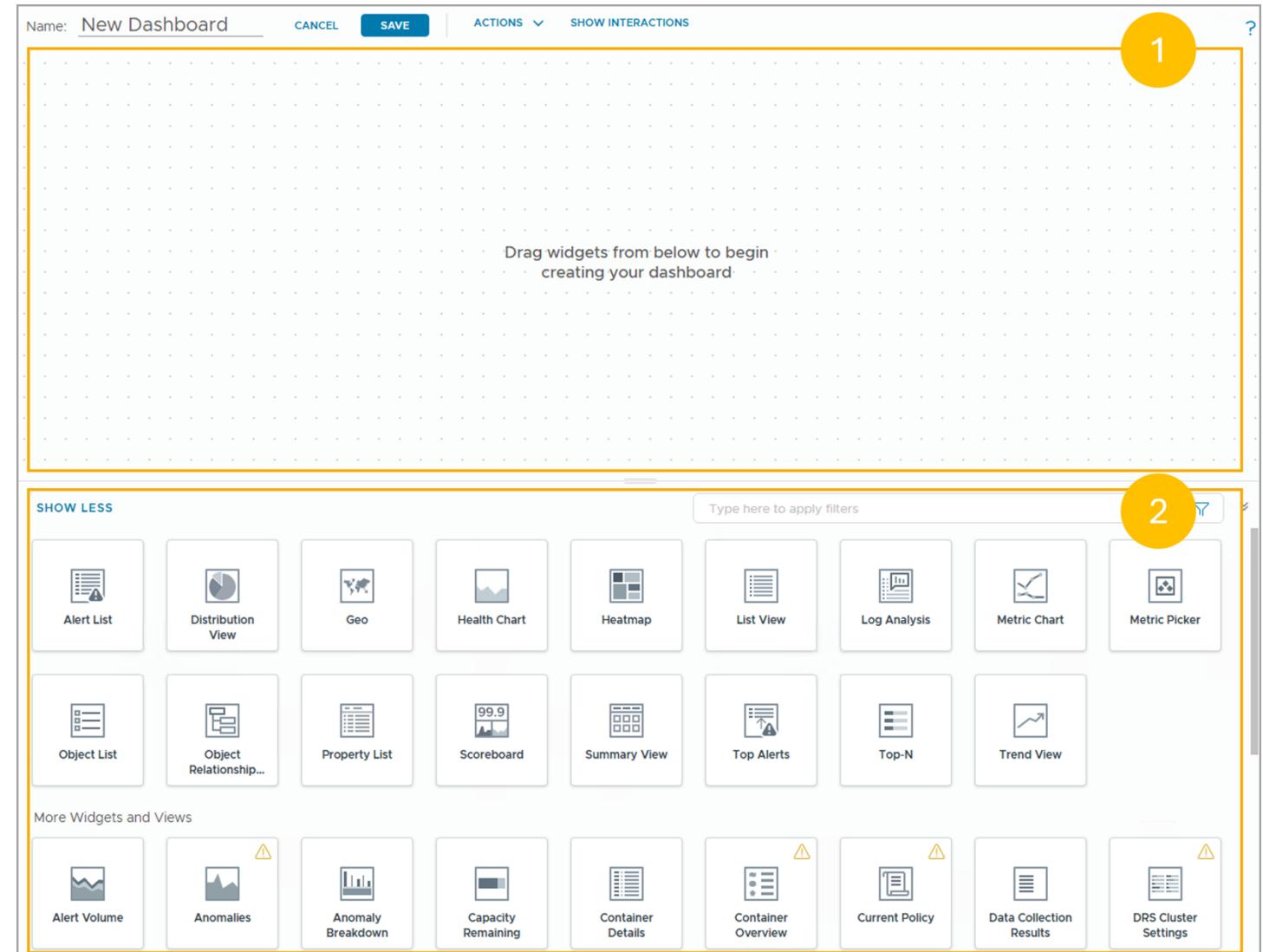
- Identify the audience, or consumers, of the dashboard.
- Define the purpose of the dashboard and how it should be used.
- Define the functional aspects of the dashboard (operations, forensics, and support).
- Identify the data sources.
- Identify the necessary widgets and interactions.
- Build a prototype dashboard.
- Share the dashboard with the intended audience.



Understanding the Dashboard Creation Wizard

The dashboard creation wizard has two main areas:

1. Dashboard canvas: Displays the data from widgets. You can customize the layout of added widgets.
2. Widget and View selection board: Enables you to choose elements to add to the dashboard canvas. You can choose from widgets and views.

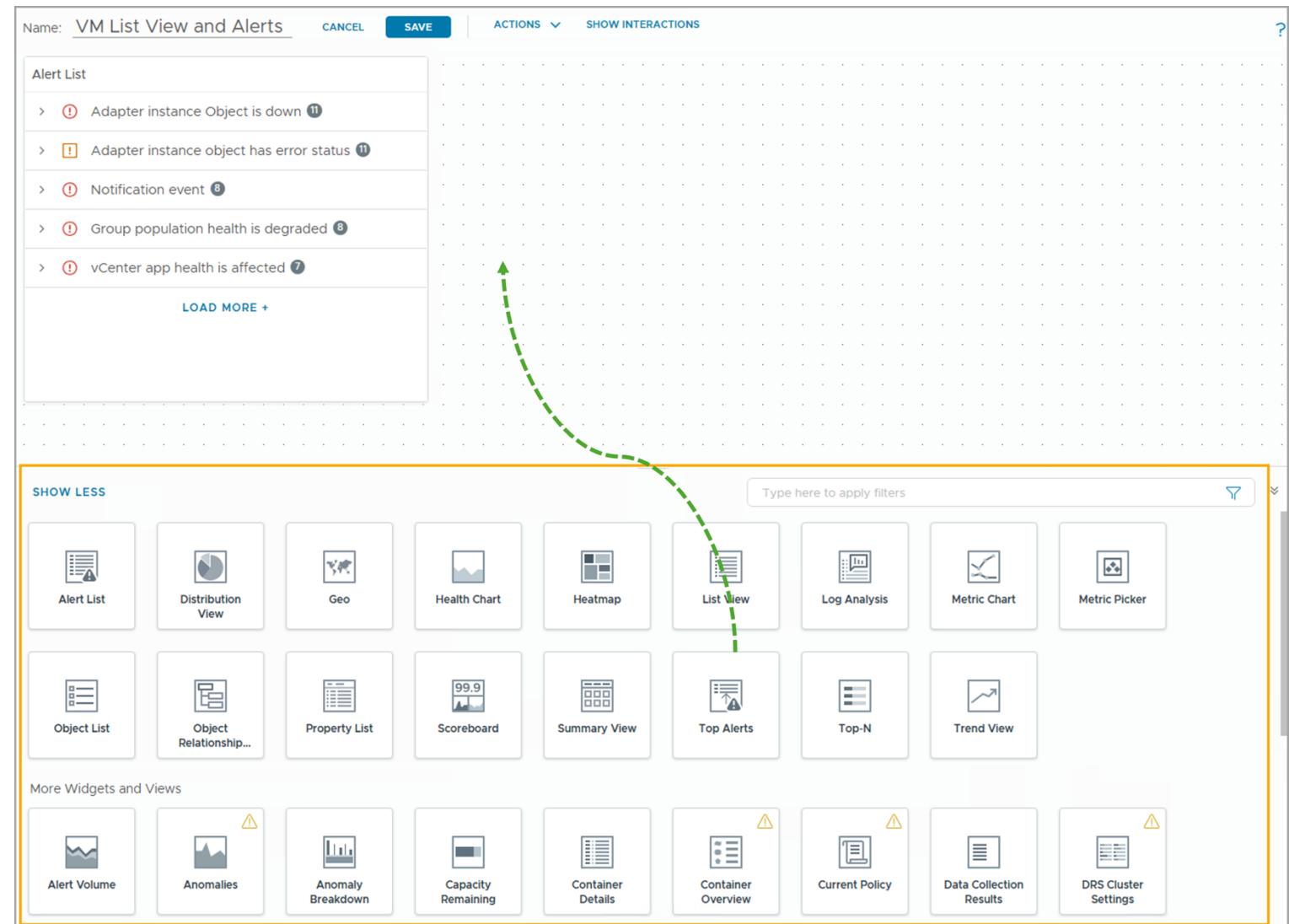


Adding the Dashboard Elements

The widgets list panel displays a list of predefined VCF Operations widgets or views that are commonly used.

You position the dashboard elements (views and widgets) by dragging them to the design canvas.

When you drag the widget or view to the desired location in the layout, the existing elements are automatically rearranged. You can reposition any existing elements that have moved when new views or widgets are added.

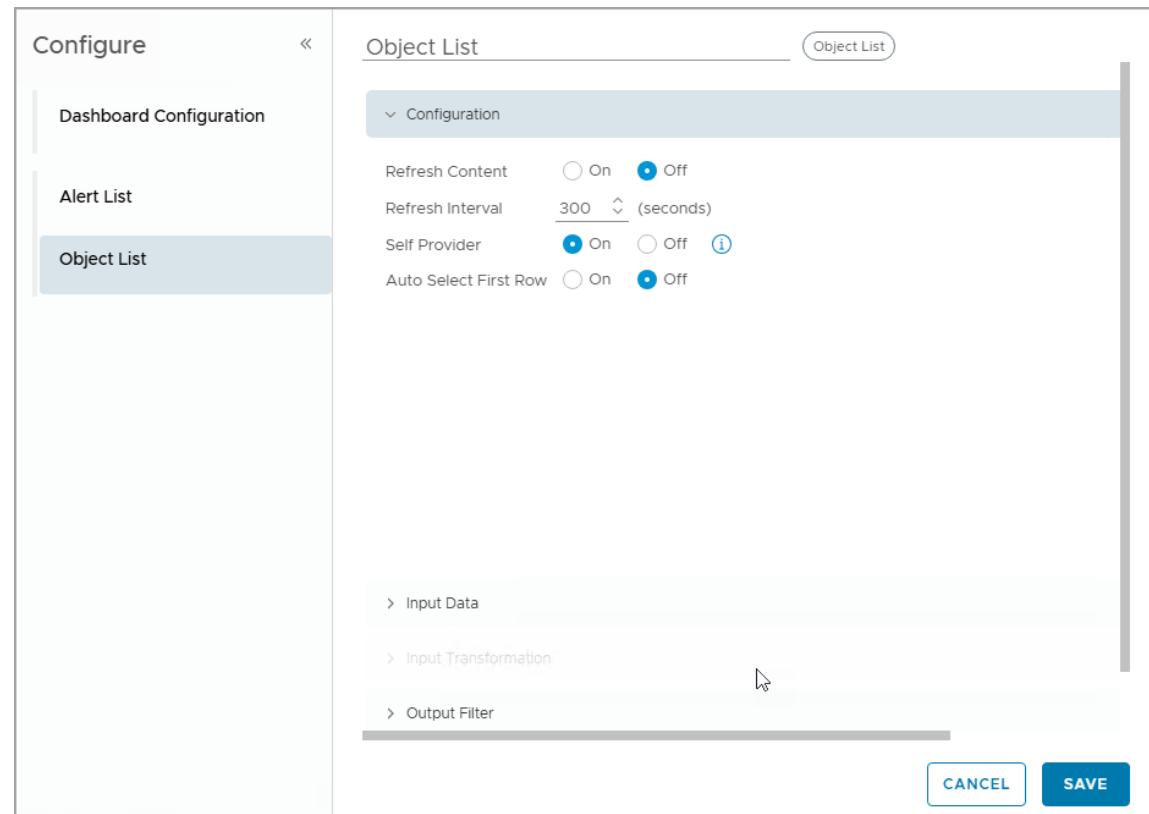


Common Widget Configuration Options

Click the **Edit** icon to configure the widget or view.

A widget uses one or more common configuration options:

- **Title:** A custom title that distinguishes this instance from other instances of this widget.
- **Refresh Content:** Enables or disables the automatic refreshing of the data in the widget display.
- **Refresh Interval:** Specifies how often to refresh the data in the widget display if you enable **Refresh Content**.
- **Self Provider:** Indicates whether objects for which data appears in the widget are defined in the widget or are provided by another widget.



Understanding Widget Interactions

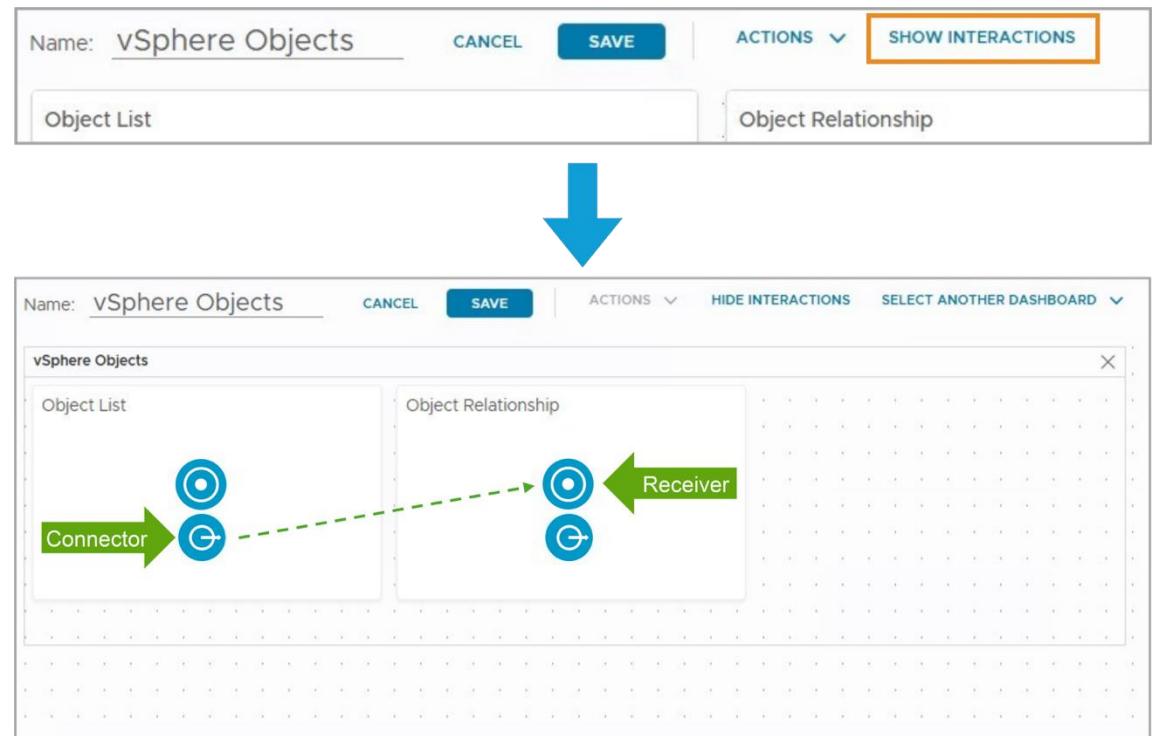
A widget interaction is a configured relationship between two widgets, where one widget provides data to a receiving widget. On the receiving widget, you must set **Self Provider** to **Off** to use interactions.

You must understand the Connector and Receiver concepts:

- **Connector (Outgoing Object Interaction):** Widget that provides data to the receiving widget.
- **Receiver (Incoming Object Interaction):** Widget that receives data from a data source widget.

Click **Show Interactions** to pair the connector icon with the receiver icon.

Drag the pointer from the connector to the receiver.

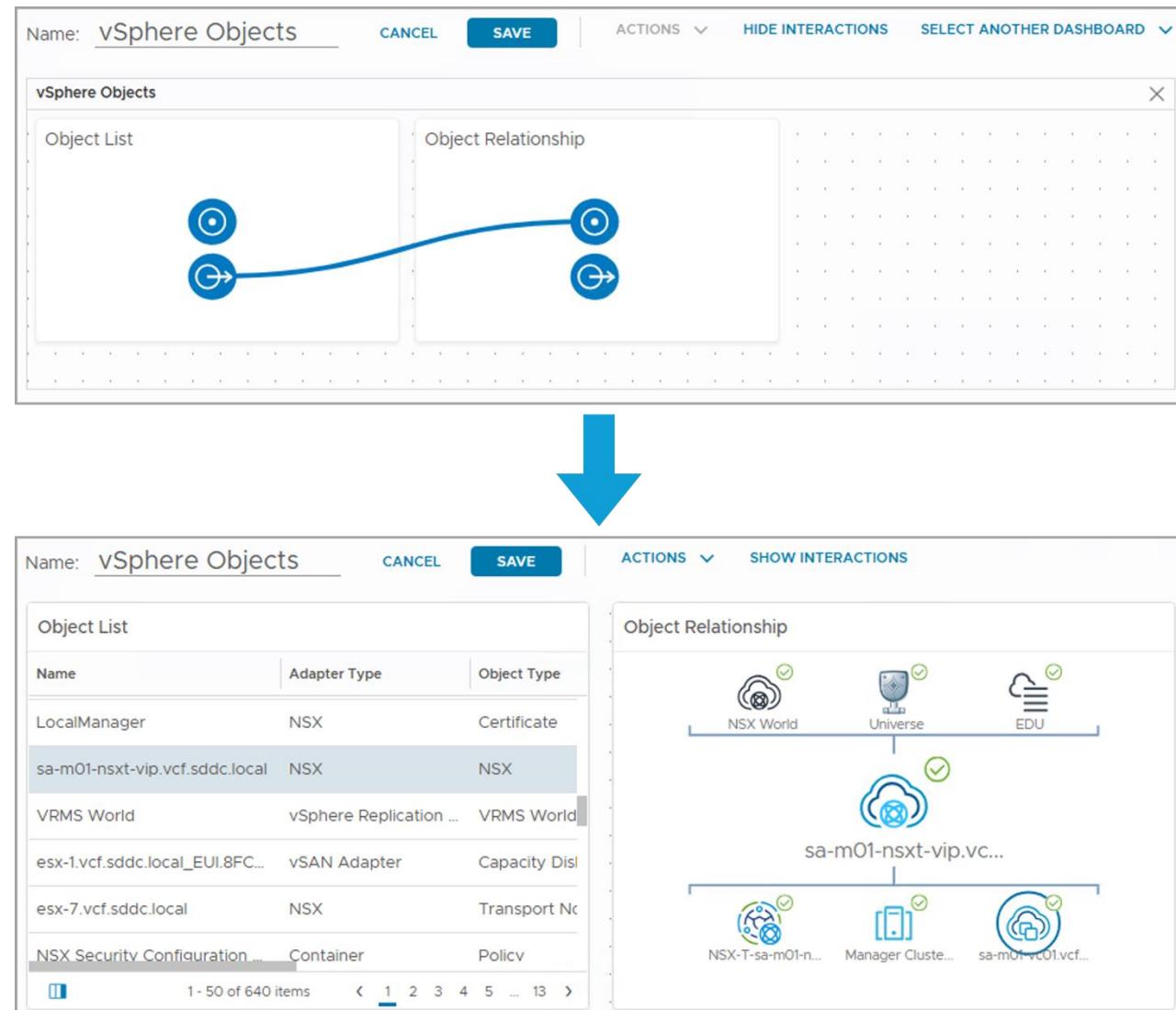


Example Widget Interactions

Widget interactions are indicated by a line between the connector and receiver icons.

Click **Hide Interactions** to return to the design canvas.

You can test the interaction from the design canvas.

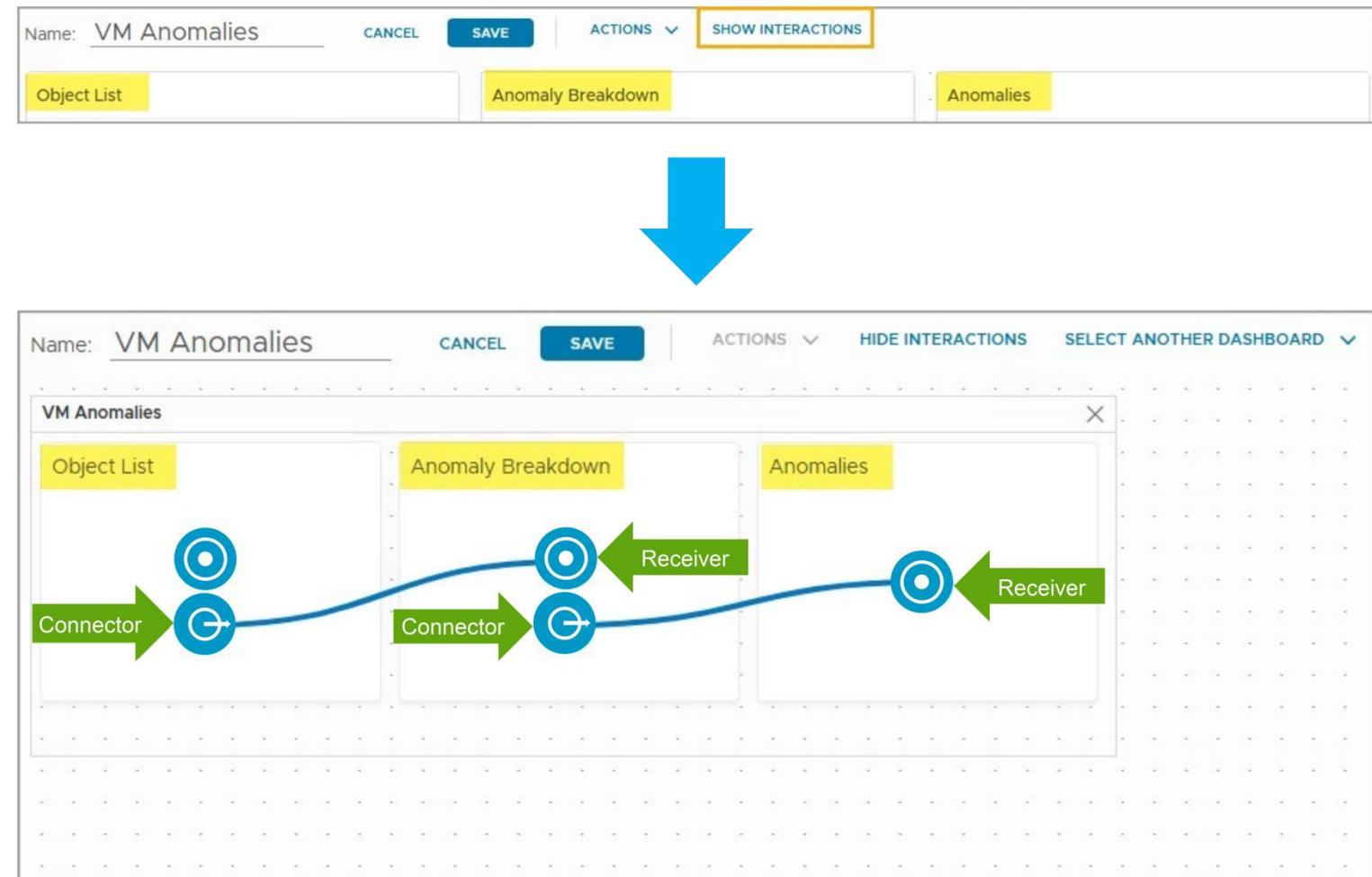


Multiple Widget Interactions

Widgets can be providers or receivers, or both, for object and metrics data.

You can configure interactions between widgets in the same dashboard or between widgets in different dashboards.

In this example, Object List provides data to the Anomaly Breakdown widget, and Anomaly Breakdown provides data to the Anomalies widget.



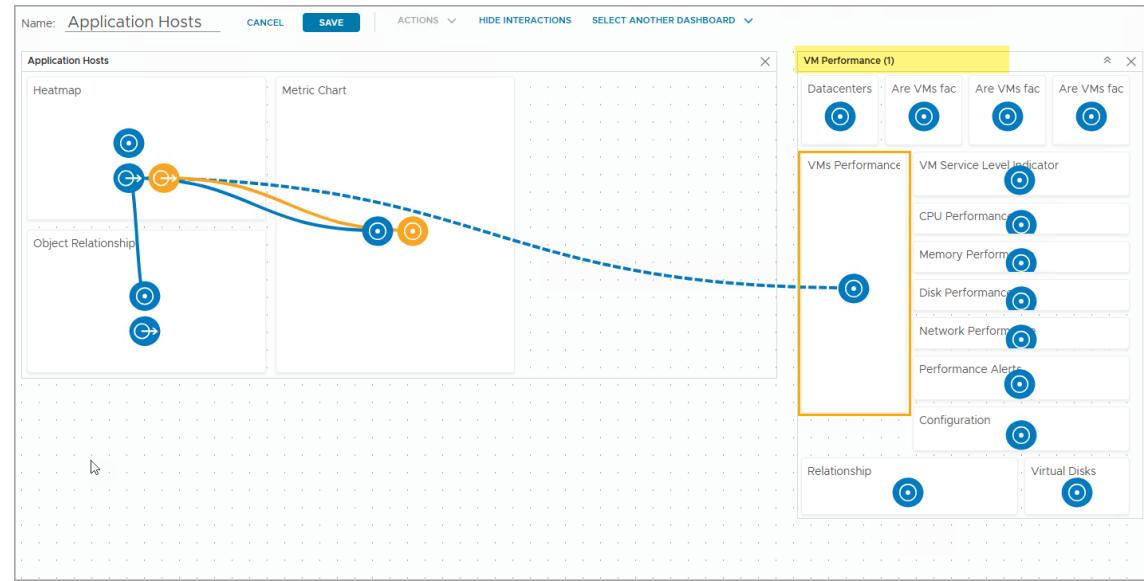
Configuring Interactions between Dashboards

You can configure interactions between widgets in different dashboards.

Click **Select Another Dashboard** and select another dashboard to create a connection with a widget in the other dashboard.

After you select the other dashboard, you configure the interaction with the widget as if the widgets were in the same dashboard.

In the example, the object data from the Heatmap widget is sent to the VMs Performance widget in the VM Performance dashboard.

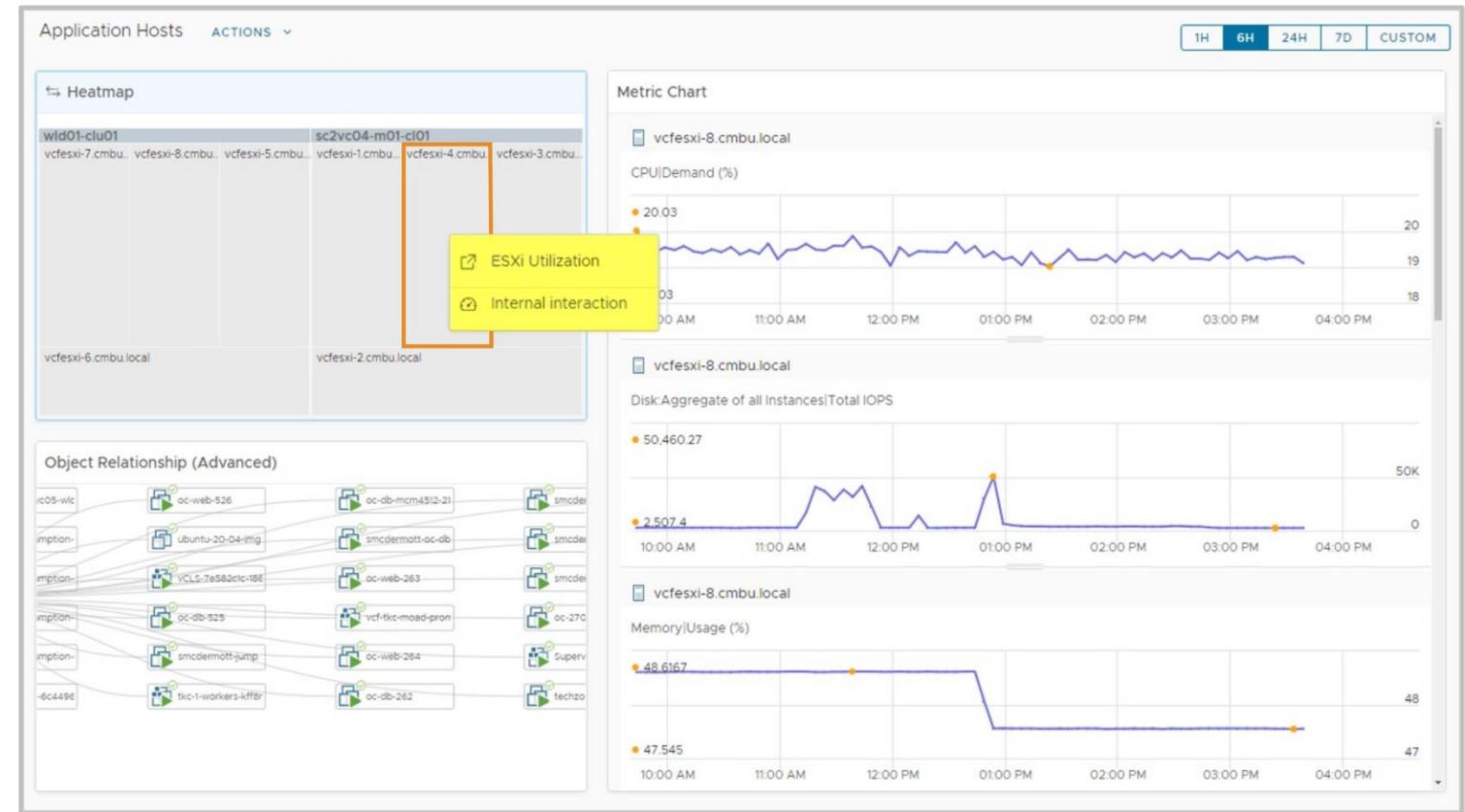


Navigating between Dashboards

When you have configured between-dashboard interactions, you can navigate between the connecting dashboards by clicking the interacting widgets.

To view widget interactions from a dashboard, click an object from a provider widget that has widget interactions defined. A window appears with a link to the external dashboard if it is configured.

In this example, you can click **ESXi Utilization** to open that dashboard for the ESX host system you selected.



Custom Dashboard Use Cases

A custom dashboard enables you to add more granular criteria into your dashboard to display exactly the data you want to see.

For example, assume you need to move VMs from one cluster to another, and want to understand the cluster capacity for this type of operation. Instead of using the combination of Cluster Capacity, Cluster Configuration, and Cluster Performance, you can create one single custom dashboard. The custom dashboard can contain the following widgets:

- A list of clusters with their important capacity properties and metrics.
- A list of ESX hosts from each cluster.
- A list of VMs with their configuration properties and consumption metrics.

In another example, if you want to compare VM performance for two or more VMs in your virtual environment over time, instead of using the predefined VM Configuration and VM Performance, you can create a custom dashboard with the following widgets:

- A list of VMs with their ESX host property and real-time consumption metrics. The list can be configured to support multiple selections so you can select multiple VMs to compare.
- A series of performance widgets such as CPU usage trend, Memory usage trend, Disk Read trend, and so on. The performance widgets receive data from the VM list, so they only display the performance metrics for the selected VMs.

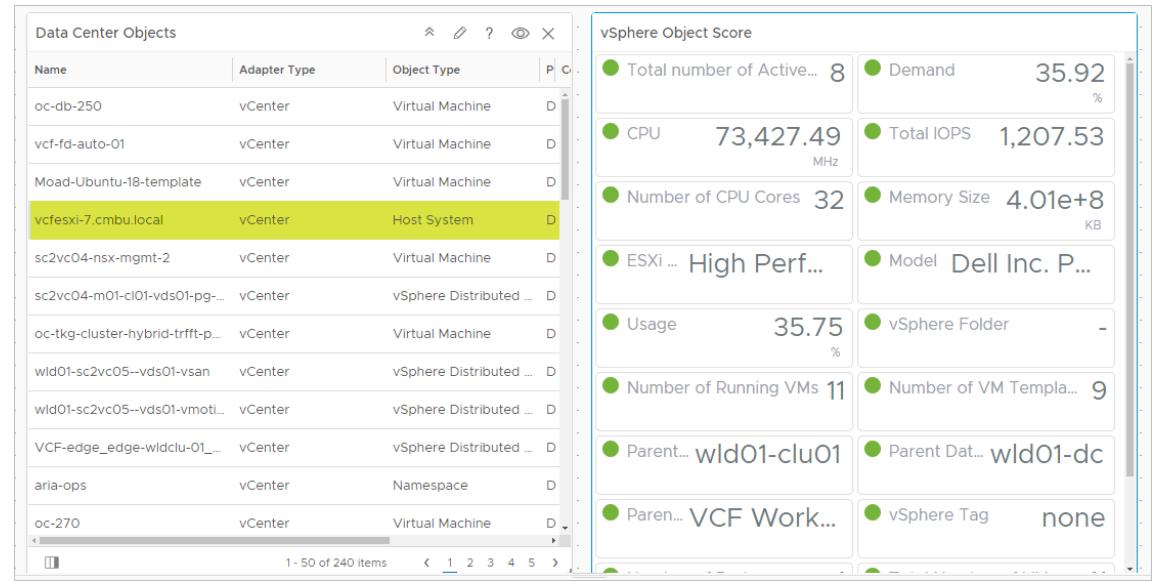
Metric Configuration Files

Metric configuration files can create a custom set of metrics for customizing supported widgets with meaningful data.

Metric configuration files store the metric attribute keys in XML format.

Several widgets support customization using the metric configuration files:

- Scoreboard
- Metric Chart
- Property List
- Rolling View Chart
- Sparkline Chart
- Topology Graph

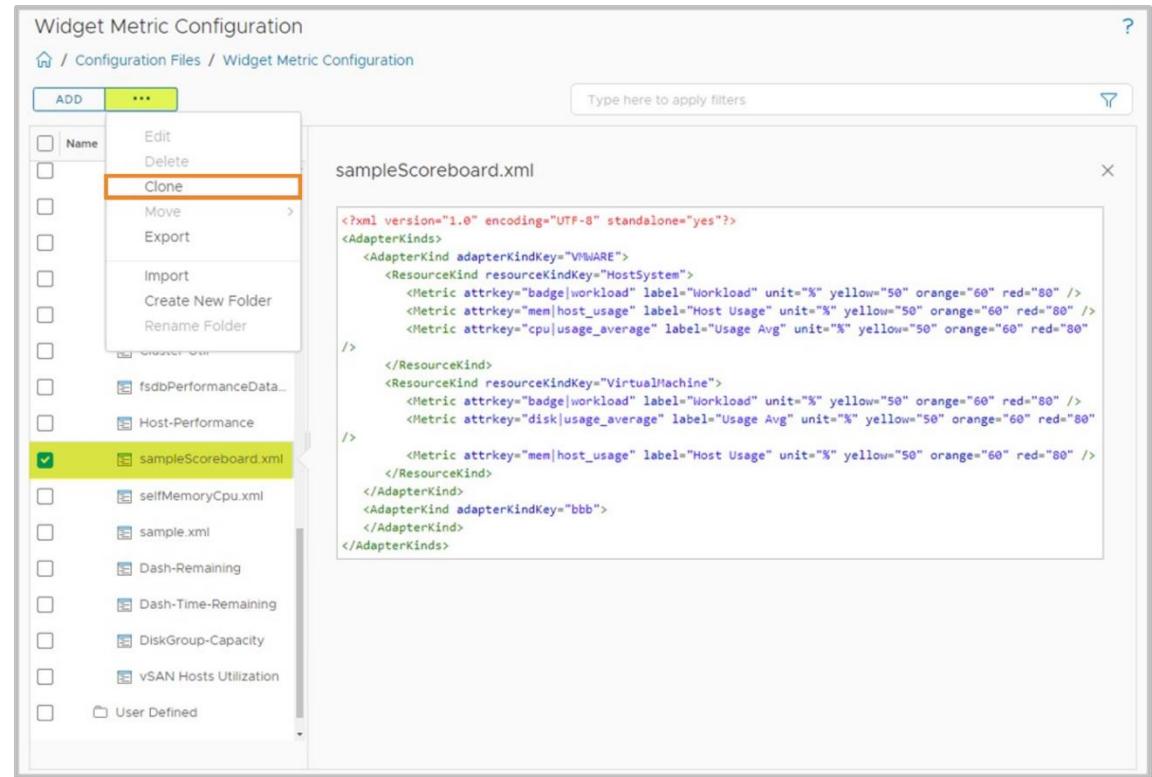


Creating a Metric Configuration File

You create a metric configuration file by using the contents of the sample XML files.

The following example shows how to create the metric configuration file:

1. Open **Infrastructure Operations > Configurations > Widget Metric Configuration**.
2. Expand **System Defined**.
3. Select **sampleScoreboard.xml** and copy its contents.
4. Create a configuration file.
5. Paste the contents of `sampleScoreboard.xml` and edit the required metrics.



The screenshot shows the 'Widget Metric Configuration' interface. On the left, there is a tree view of configuration files under 'System Defined'. The file 'sampleScoreboard.xml' is selected and highlighted with a green checkmark. A context menu is open over this file, with the 'Clone' option highlighted in orange. To the right, a modal window displays the XML content of 'sampleScoreboard.xml'. The XML code defines various metrics and their thresholds for different adapter kinds and resource kinds.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<AdapterKinds>
  <AdapterKind adapterKindKey="VIBWARE">
    <ResourceKind resourceKindKey="HostSystem">
      <Metric attrKey="badge|workload" label="Workload" unit "%" yellow="50" orange="60" red="80" />
      <Metric attrKey="mem|host_usage" label="Host Usage" unit "%" yellow="50" orange="60" red="80" />
      <Metric attrKey="cpu|usage_average" label="Usage Avg" unit "%" yellow="50" orange="60" red="80" />
    </ResourceKind>
    <ResourceKind resourceKindKey="VirtualMachine">
      <Metric attrKey="badge|workload" label="Workload" unit "%" yellow="50" orange="60" red="80" />
      <Metric attrKey="disk|usage_average" label="Usage Avg" unit "%" yellow="50" orange="60" red="80" />
    </ResourceKind>
    <Metric attrKey="mem|host_usage" label="Host Usage" unit "%" yellow="50" orange="60" red="80" />
  </AdapterKind>
  <AdapterKind adapterKindKey="bbb">
    </AdapterKind>
</AdapterKinds>
```

Review of Learner Objectives

- Describe the functions of dashboards
- Build a custom dashboard
- Configure widget interactions
- Use metric configuration files

Managing Dashboards



Learner Objectives

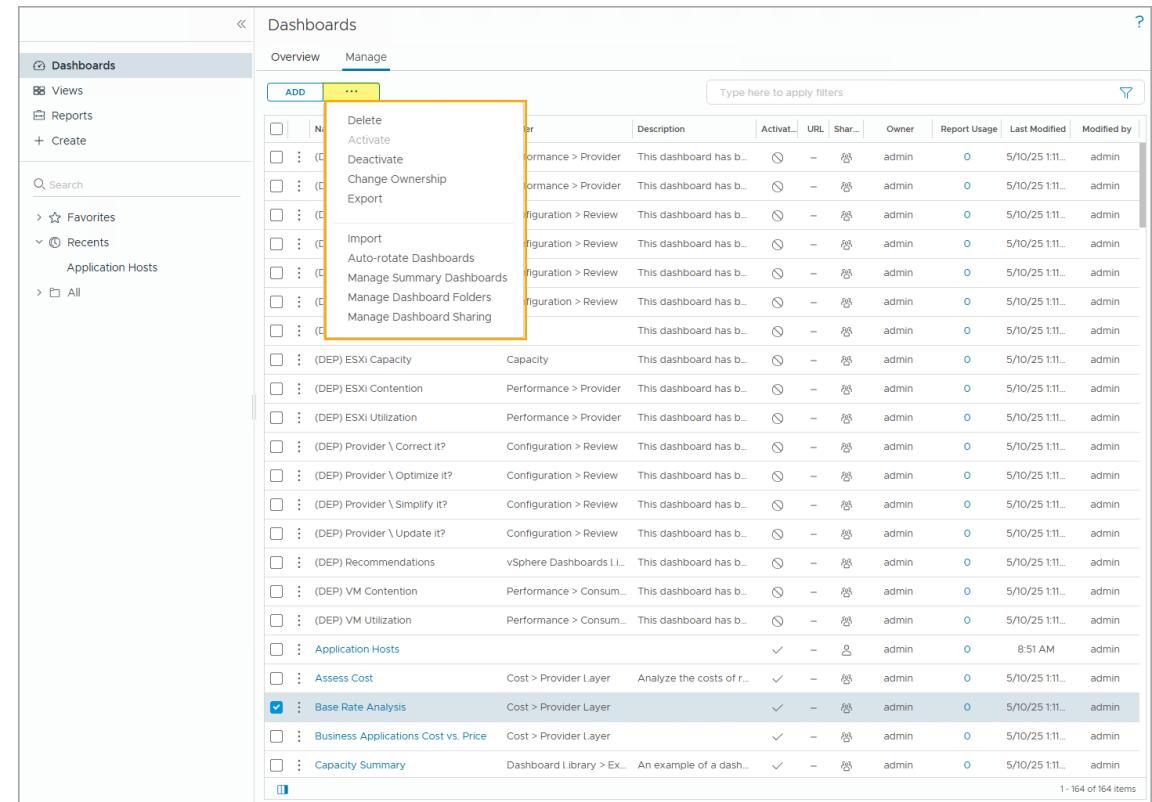
- Configure dashboard sharing options
- Manage dashboards

Dashboard Management Options

To manage dashboards in your VCF Operations console, you must first navigate to **Infrastructure Operations > Dashboards & Reports > Dashboards > Manage** and click the ellipsis icon.

You can access the following dashboard management options:

- **Delete**
- **Activate**
- **Deactivate**
- **Change Ownership**
- **Export**
- **Import**
- **Auto-Rotate Dashboards**
- **Manage Summary Dashboards**
- **Manage Dashboard Folders**
- **Manage Dashboard Sharing**



Name	Description	Activat...	URL	Shar...	Owner	Report Usage	Last Modified	Modified by	
Performance > Provider	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin	
Performance > Provider	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin	
Configuration > Review	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin	
Configuration > Review	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin	
Configuration > Review	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin	
Configuration > Review	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin	
(DEP) ESXi Capacity	Capacity	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin
(DEP) ESXi Contention	Performance > Provider	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin
(DEP) ESXi Utilization	Performance > Provider	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin
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(DEP) Provider \ Optimize it?	Configuration > Review	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin
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(DEP) VM Utilization	Performance > Consum...	This dashboard has b...	✗	-	☒	admin	0	5/10/25 11...	admin
Application Hosts		✓	-	☒	admin	0	8:51 AM	admin	
Assess Cost	Cost > Provider Layer	Analyze the costs of r...	✓	-	☒	admin	0	5/10/25 11...	admin
Base Rate Analysis	Cost > Provider Layer	✓	-	☒	admin	0	5/10/25 11...	admin	
Business Applications Cost vs. Price	Cost > Provider Layer	✓	-	☒	admin	0	5/10/25 11...	admin	
Capacity Summary	Dashboard library > Ex...	An example of a dash...	✓	-	☒	admin	0	5/10/25 11...	admin

Understanding Dashboard Sharing Options

Both custom and predefined dashboards can be shared with different users from the **Dashboards** page.

Select an existing dashboard and click the **Share Dashboard** icon in the top-right corner.

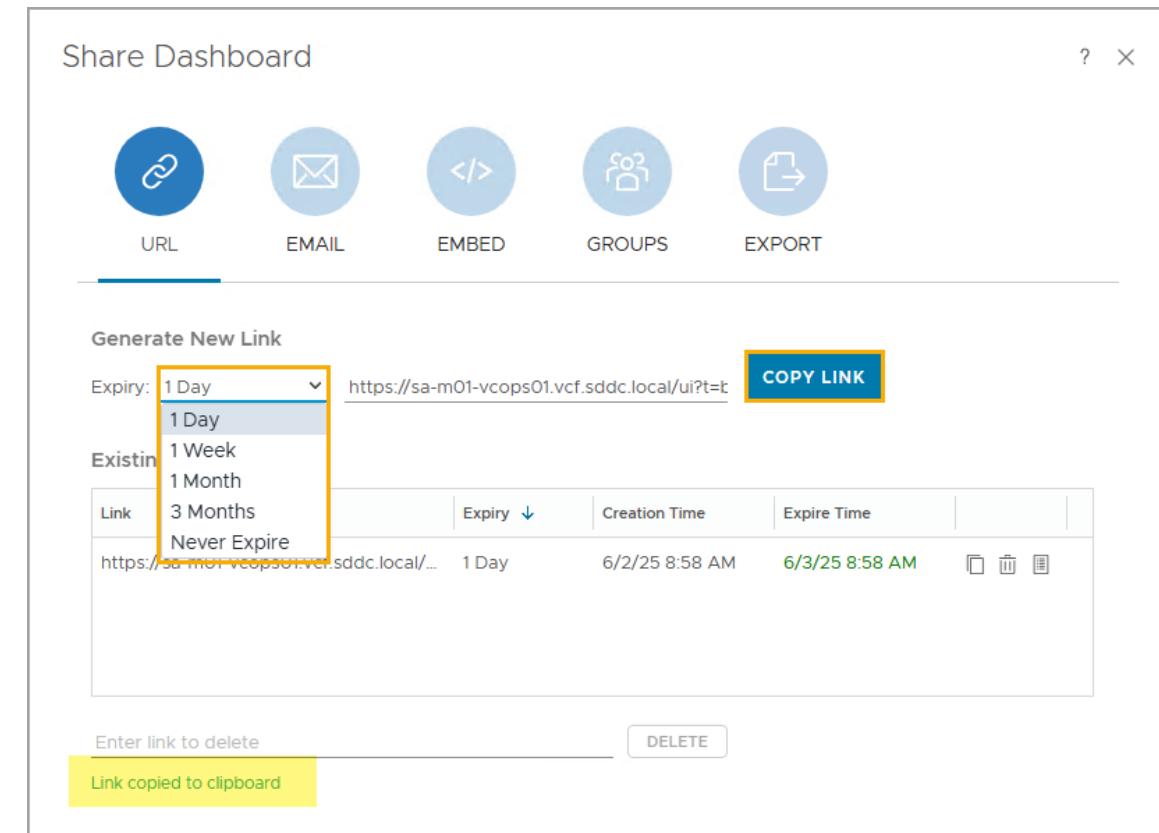
The image shows two screenshots of the vSphere Web Client interface. The top screenshot displays the 'Capacity Summary' dashboard, which includes sections for 'Consumer' (Virtual Machines: 22, vCPU: 107, Allocated Memory: 0 TB), 'Overcommit Ratio' (VMs per Host: 2.8, vCPU : Core: 0.4, vRAM : pRAM: 0.4), and a 'VM Growth' chart. The bottom screenshot shows the 'Share Dashboard' dialog box, which contains icons for URL, EMAIL, EMBED, GROUPS, and EXPORT, and a section for generating a new link with an 'EXPIRY' dropdown set to '1 Day' and a 'COPY LINK' button. A large blue arrow points from the top dashboard down to the share dialog.

Sharing Dashboards Using URL

You can create a URL for the selected dashboard.

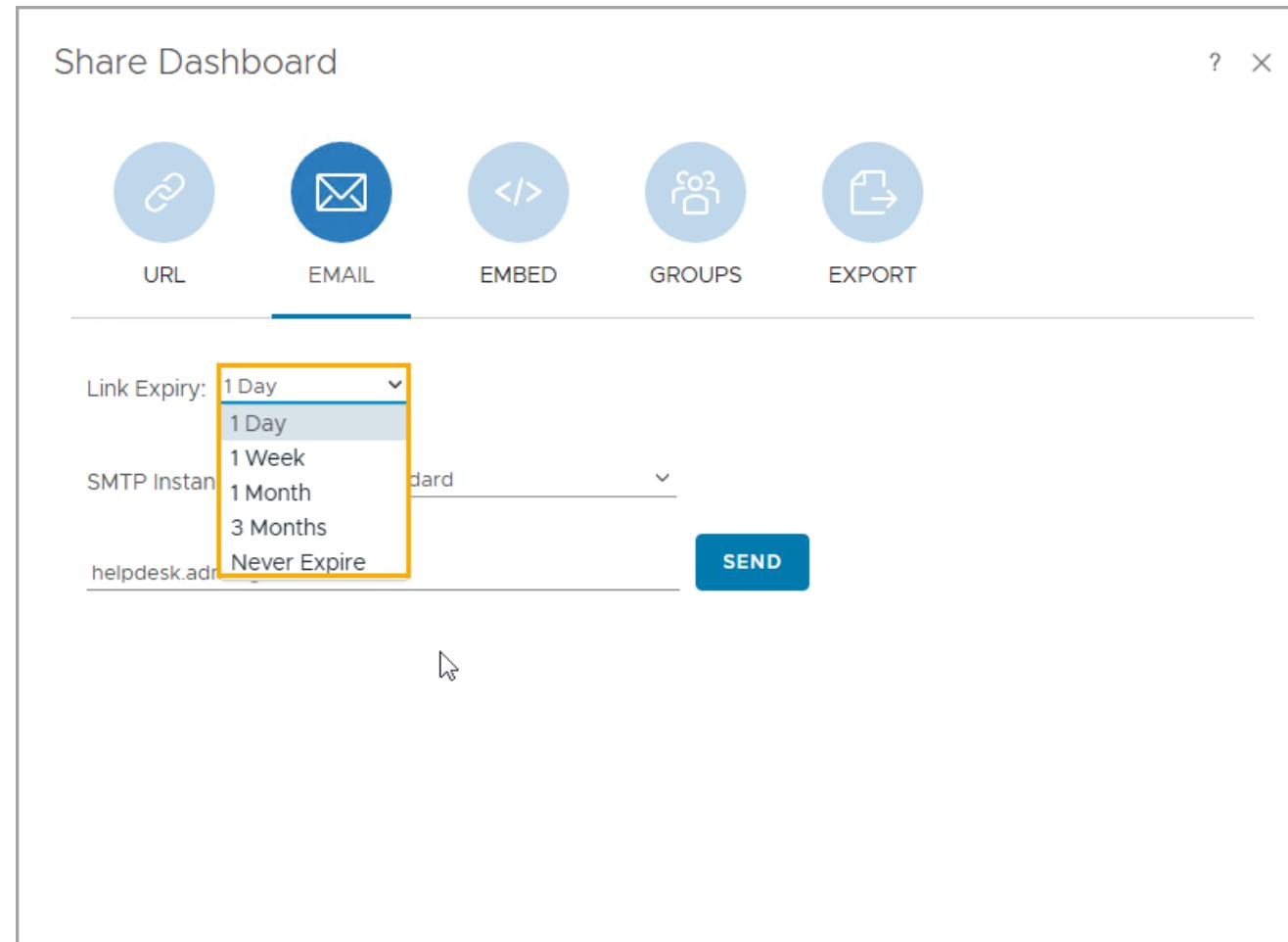
Click **Copy Link** to copy the link to the clipboard.

Link Expiry can be set to 1 Day, 1 Week, 1 Month, 3 Months, or Never Expire.



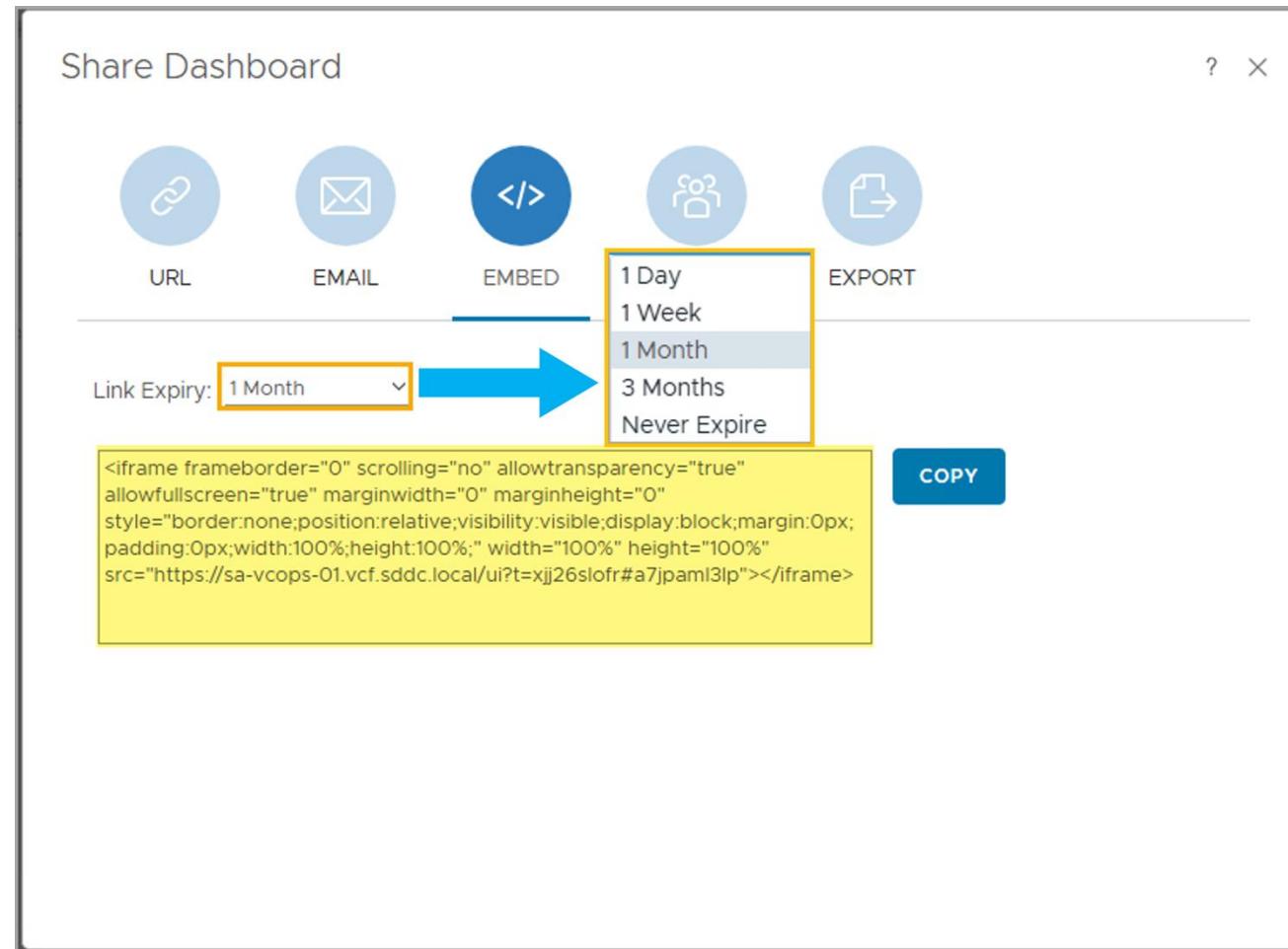
Sharing Dashboards Using Email

Built-in or custom dashboards can be shared through email with different users. Link Expiry can be set to 1 Day, 1 Week, 1 Month, 3 Months, or Never Expire.



Sharing Dashboards Using Embed

Built-in or custom dashboards can be shared with different users by copying the HTML code to another web page. Link Expiry can be set to 1 Day, 1 Week, 1 Month, 3 Months, or Never Expire.

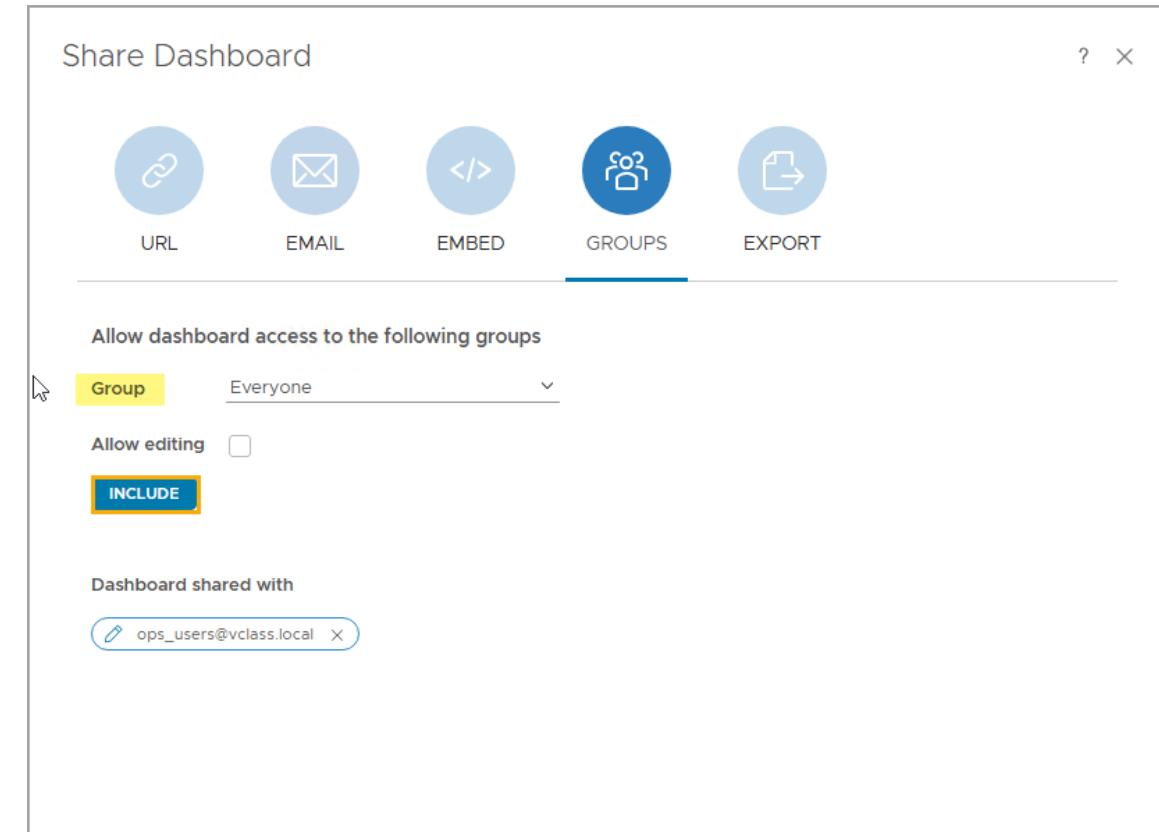


Sharing Dashboards Using Group Sharing

Predefined or custom dashboards can be shared with different authentication groups.

Select the group to which you want to grant dashboard access from the drop-down menu and click **INCLUDE**.

To share dashboard edit privileges with the group, select the **Allow editing** checkbox.

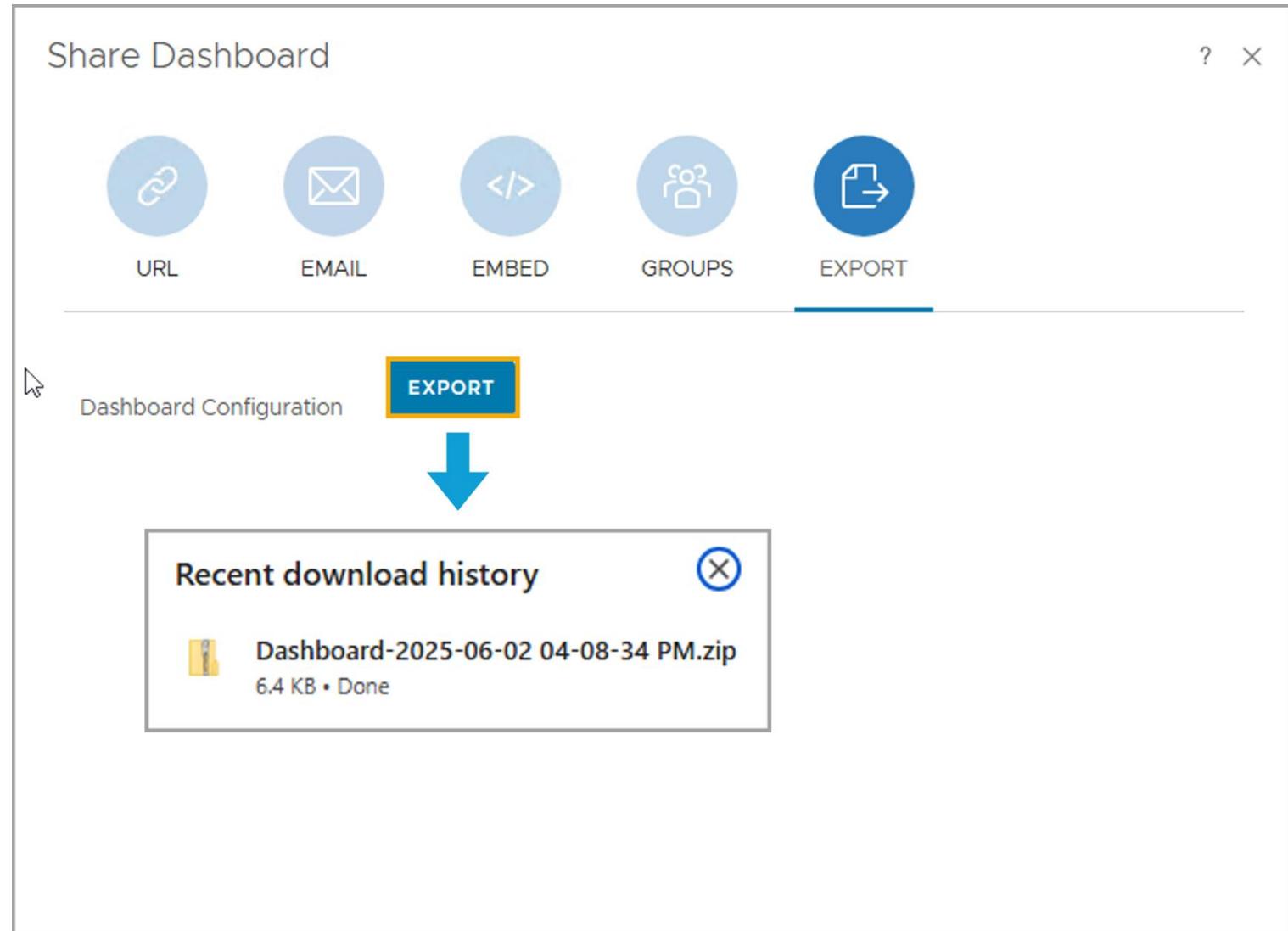


Sharing Dashboards Using Export

Predefined or custom dashboards can be exported to different VCF Operations environments.

Click **EXPORT** to generate a ZIP file containing the dashboard. The ZIP file can be unzipped to an XML file, which can be imported to any other VCF Operations environment.

The Export sharing option can be useful when you need to move complex dashboards between VCF Operations environments, for example, moving a multi-interaction inventory dashboard from your testing environment to your production environment.



Understanding Dashboard Ownerships

When you share a dashboard, it becomes available to all the users in the user group that you select for sharing.

When a dashboard is shared, only the owner of the dashboard can edit it.

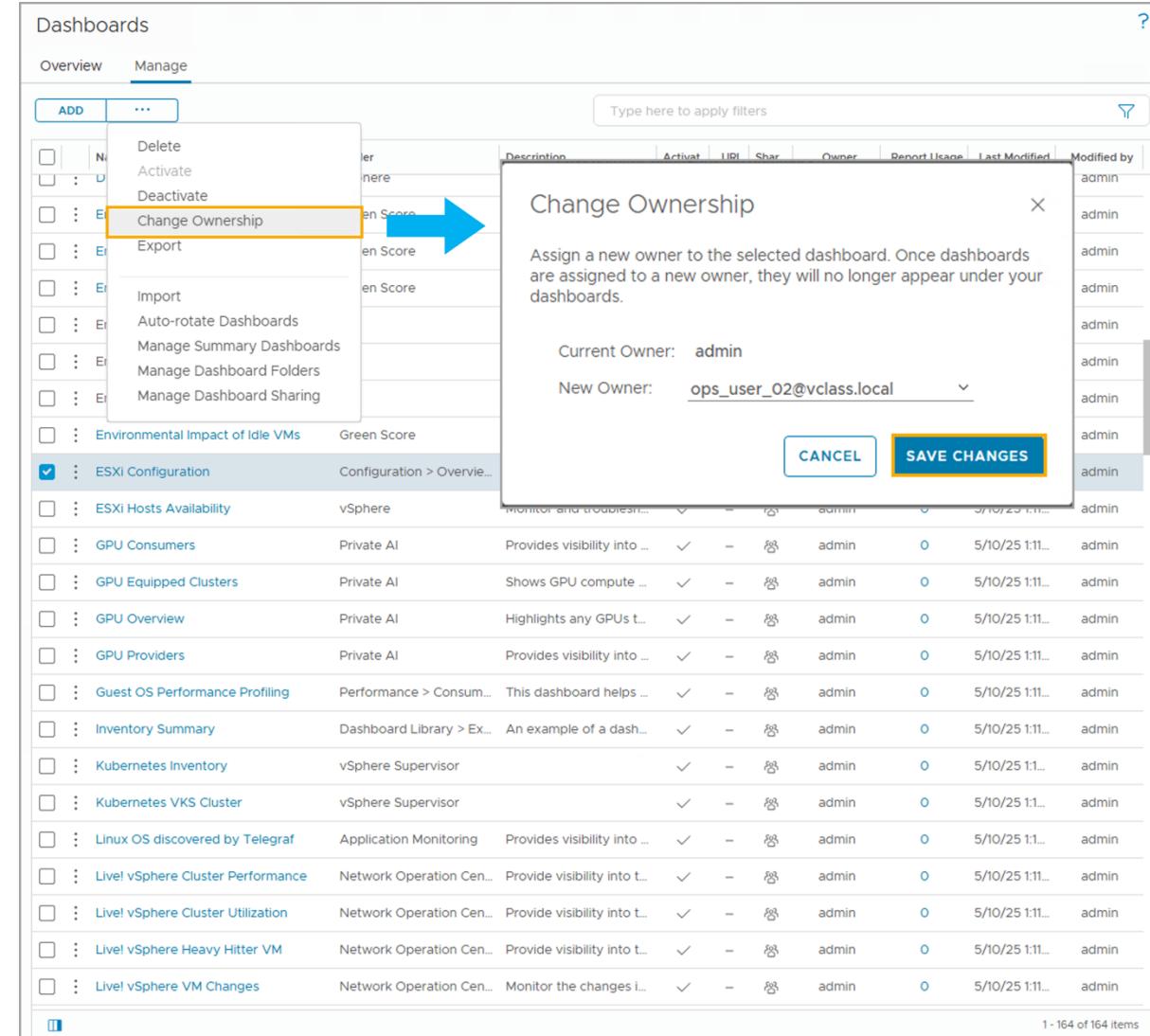
The Shared Dashboards column indicates whether a dashboard is shared or not shared.

Dashboards									
		Overview		Manage					
ADD				<input type="text"/> Type here to apply filters					
Name	Folder	Description	Activ...	URL	Shar...	Owner	Report Usage	Last Modified	Modified by
DNS and NTP	vSphere	Monitor and troubleshoot DNS and NTP services.	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Energy Efficiency with Virtualization	Green Score	This is part of the set ...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Energy Efficient Clusters	Green Score	This is part of the set ...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Energy Efficient Infrastructure	Green Score	This is part of the set ...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Environment Configuration Summary		Used in Report : Config...	∅	View	Edit	admin	2	5/10/25 1:11...	admin
Environment Health Summary		Used in Report : Config...	∅	View	Edit	admin	1	5/10/25 1:11...	admin
Environment Summary		Used in Report : Exec...	∅	View	Edit	admin	1	5/10/25 1:11...	admin
Environmental Impact of Idle VMs	Green Score	This is part of the set ...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
ESXi Configuration	Configuration > Overview	Highlight ESXi Host co...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
ESXi Hosts Availability	vSphere	Monitor and troublesh...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
GPU Consumers	Private AI	Provides visibility into ...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
GPU Equipped Clusters	Private AI	Shows GPU compute ...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
GPU Overview	Private AI	Highlights any GPUs t...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
GPU Providers	Private AI	Provides visibility into ...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Guest OS Performance Profiling	Performance > Consum...	This dashboard helps ...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Inventory Summary	Dashboard Library > Ex...	An example of a dash...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Kubernetes Inventory	vSphere Supervisor		✓	View	Edit	admin	0	5/10/25 1:11...	admin
Kubernetes VKS Cluster	vSphere Supervisor		✓	View	Edit	admin	0	5/10/25 1:11...	admin
Linux OS discovered by Telegraf	Application Monitoring	Provides visibility into ...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Live! vSphere Cluster Performance	Network Operation Cen...	Provide visibility into t...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Live! vSphere Cluster Utilization	Network Operation Cen...	Provide visibility into t...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Live! vSphere Heavy Hitter VM	Network Operation Cen...	Provide visibility into t...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
Live! vSphere VM Changes	Network Operation Cen...	Monitor the changes i...	✓	View	Edit	admin	0	5/10/25 1:11...	admin
1 - 164 of 164 items									

Dashboard Ownership Transfers

Dashboards can be transferred to different users. After the dashboard is transferred, the dashboard disappears from the current owner's login account.

Select the dashboard from the Dashboard list and select **Change Ownership** from the dashboard management menu.



Managing Orphaned and Unassigned Content

When the user who created the dashboards, report schedules, and credentials created are deleted, or when the dashboards, report schedules, and credentials are unassigned, this content becomes Orphaned or Unassigned in VCF Operations.

To access the Orphaned and Unassigned content, navigate to **Administration > Control Panel > Orphaned Content**.

As an admin user, you can take ownership, assign ownership, discard orphaned dashboards, or report schedules and credentials from the **ACTIONS** menu.

The screenshot shows the 'Orphaned and Unassigned' section of the VCF Control Panel. At the top, there's a message: 'You are the new owner of dashboards and report schedules that belonged to deprecated users. Please review to see if you would like to save or discard them. By Default the role with administrator credentials is the owner of all unassigned credentials. Review carefully to decide whether to reassign the ownership to a new user or take ownership.' Below this, there are tabs for 'Deleted Users', 'Dashboards' (which is selected), 'Report Schedules', and 'Credentials'. Under 'Deleted Users', it lists 'dcl-admin(dc1-admin dc1-admin) / Local User'. Under 'Dashboards', it shows a table with one item:

Description	Owner Info	Shared
dcl-admin(dc1-admin dc1-ad...	dcl-admin(dc1-admin dc1-ad...	false

At the bottom of the table, it says 'This is part of 2 dashboards t...'. On the right side of the dashboard row, there's a green 'ACTIONS' button with a dropdown menu open, showing options: 'Take ownership', 'Assign ownership', and 'Discard'. The 'Discard' option is highlighted with a yellow box.

Understanding the Summary Tab

In the VCF Operations console, you can view the summary of an object by navigating to Inventory and selecting the object.

By default, the **Summary** tab provides an overview of the health, risk, and efficiency states of the selected object, group, or application.

You can change the **Summary** tab to a different dashboard to get information specific to your needs.

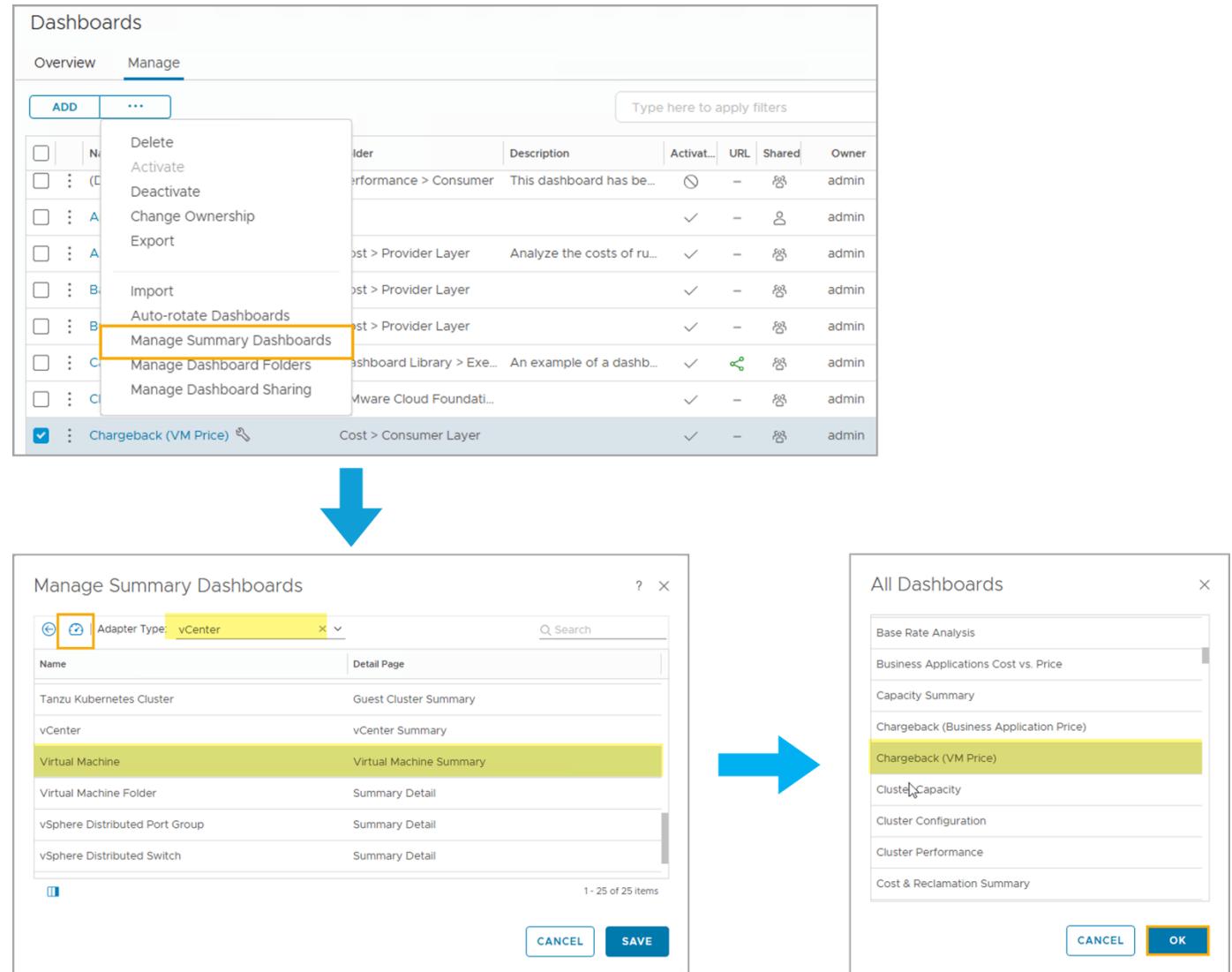
The screenshot shows the VCF Operations console interface. On the left, there is a tree-based navigation pane titled "Inventory" with the "BASIC VIEW" tab selected. The tree structure shows "VCF Instances" expanded, with "EDU" and "sa-m01-vc01.vcf.sddc.local" further expanded. "sa-m01-en02" is highlighted with a blue selection bar at the bottom of its node. The main content area is titled "sa-m01-en02" and has a "SUMMARY" tab selected. This tab displays various details about the selected object, including its status ("Powered On"), IP address (172.20.10.55), number of virtual CPUs (2), memory (4 GB), disk space (197 GB), and VMware tools version (Tools Version 12.1.5, Running). It also shows performance metrics like CPU Usage (1.85 GHz), Free Memory (168.07 MB), and Guest Page In Rate per second (5.33). The "Configuration" section lists Virtual Hardware (CPU: 2 (1 Socket x 2 vCores)), Resource Allocation (CPU: No Limit, No Reservation, Shar...), Tools (Version: 12.1.5, Guest Tools Unmana...), Network (IP Addresses: 172.20.10.55, 00:50:5...), Guest OS Partition (/boot/efi: 498.98 MB Configured, 4 ...), and Virtual Disk (Hard disk 1: 197 GB). To the right of the summary tab, there are sections for "Active Alerts" (showing Critical, Immediate, Warning, and Info levels with counts 0/0 for both Self and All), "Capacity Remaining" (37% usage, 1.47 GB), "Performance" metrics (CPU Queue 1.13, CPU Context Switch Rate 7,789.93, etc.), and "Ping Statistics" (Ping monitoring not activated). A "TROUBLESHOOT" button is located at the top right of the main content area.

Changing the Summary Tab

In the **Manage Summary Dashboards** dialog box, you can assign a dashboard to the object type selected.

To assign a dashboard to an object type:

1. Select **Manage Summary Dashboards** from the dashboard management menu.
2. Select the adapter type and object and click the **Assign a dashboard** icon.
3. Select a dashboard from the list of dashboards and click **OK**.
4. Click **Save**.



Managing Dashboard Folders

You can create dashboard folders to group the dashboards in a way that is meaningful to you.

To create a dashboard folder, click **NEW FOLDER** in the **Folders** pane and enter the name of the folder.

You can add a dashboard to the folder by dragging the dashboard to the folder.

The screenshot shows two views of the VMware Cloud Foundation Operations interface. On the left, the 'Manage' tab of the 'Dashboards' screen is active. It features an 'ADD' button, a '...' button, and a sidebar with options like Delete, Activate, Deactivate, Change Ownership, Export, Import, Auto-rotate Dashboards, Manage Summary Dashboards, Manage Dashboard Folders (which is highlighted with an orange box), and Manage Dashboard Sharing. A blue arrow points from this screen to the right one. On the right, the 'Manage' tab is also active. It shows a list of dashboards with columns for Name, Shared, and Last Modified. A new folder named 'New Folder' is being created in the 'Folders' pane on the right side, indicated by a yellow box around the '+ NEW FOLDER' button. The bottom right of the interface has 'CANCEL' and 'SAVE' buttons.

Lab: Creating Dashboards and Configuring Widgets

Create a vSphere dashboard and configure widgets:

1. Create the vSphere Metrics Dashboard
2. Add Widgets to the vSphere Metrics Dashboard
3. Configure a Widget Interaction in the vSphere Metrics Dashboard

Review of Learner Objectives

- Configure dashboard sharing options
- Manage dashboards