

Graphical interface and navigational paths

OnCommand Unified Manager 9.5

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Graphical interface and navigational paths

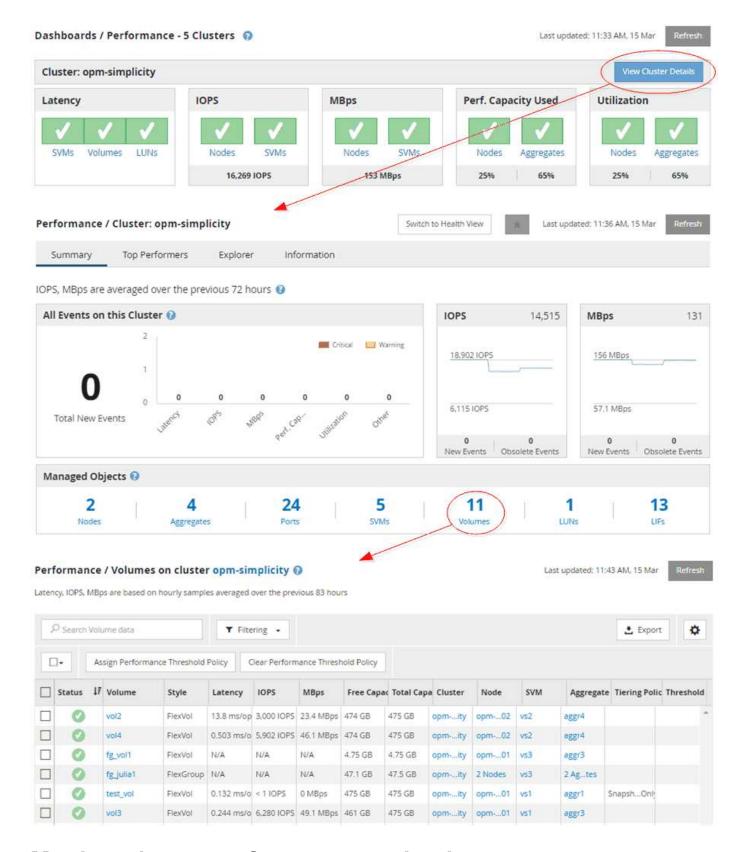
Unified Manager has great flexibility and enables you to accomplish multiple tasks in various ways. There are many navigation paths you will discover as you work in Unified Manager. While not all of the possible combinations of navigations can be shown, you should be familiar with a few of the more common scenarios.

Monitor cluster object navigation

Unified Manager enables you to monitor the performance of all objects in any cluster managed by Unified Manager. Monitoring your storage objects provides you with an overview of cluster and object performance, and includes performance event monitoring. You can view performance and events at a high level, or you can further investigate any details of object performance and performance events.

This is one example of many possible cluster object navigations:

- 1. From the Dashboards/Performance page, identify a cluster you want to investigate and navigate to the selected cluster's landing page.
- 2. From the Performance/Cluster Summary page, identify the cluster object you want to investigate and navigate to that object's inventory page. In this example, **Volumes** is selected to display the Performance/Volumes inventory page.



Monitor cluster performance navigation

Unified Manager enables you to monitor the performance of all clusters managed by Unified Manager. Monitoring your clusters provides you with an overview of cluster and object performance and includes performance event monitoring. You can view

performance and events at a high level, or you can further investigate any details of cluster and object performance and performance events.

This is one example of many possible cluster performance navigational paths:

- 1. In the Dashboards/Performance page, identify a cluster you want to investigate and click **View Cluster Details** to navigate to the selected cluster's landing page.
- 2. From the Performance/Cluster Summary page, identify the object type you want to investigate and click it to view the object inventory page.

In this example, **Aggregates** is selected, displaying the Performance/Aggregates inventory page.

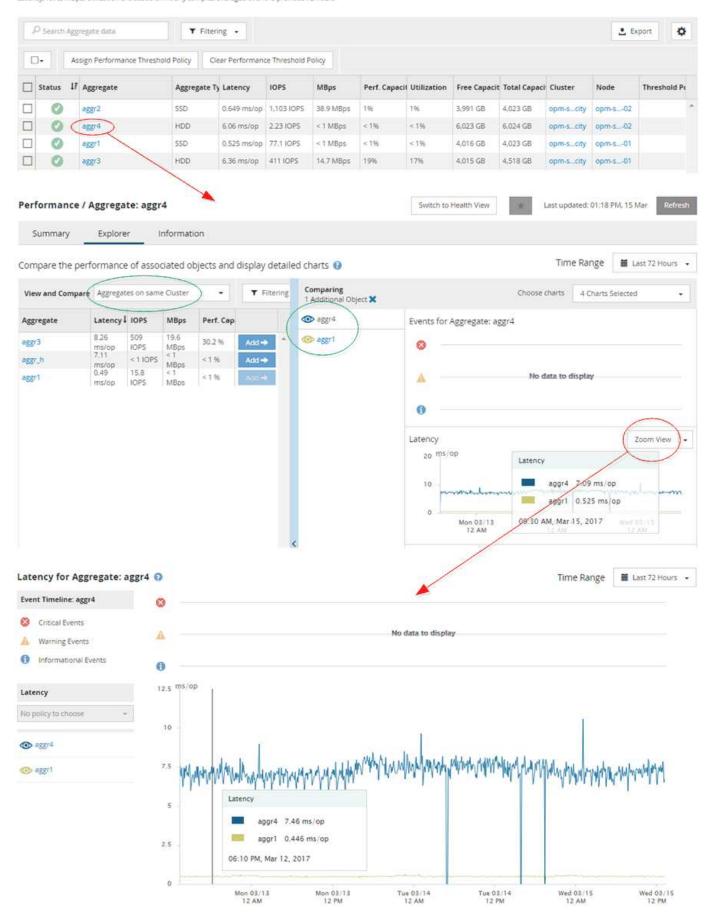
- 3. In the Performance/Aggregates page, identify the aggregate you want to investigate and click that aggregate name to navigate to the Performance/Aggregate Explorer page.
- 4. Optionally, select other objects to compare with this aggregate in the View and Compare menu, and then add one of the objects to the comparing pane.

Statistics for both objects will appear in the counter charts for comparison.

5. In the Comparing pane at the right on the Explorer page, click **Zoom View** in one of the counter charts to view details about the performance history for that aggregate.

Refresh

Latency, IOPS, MBps, Utilization are based on hourly samples averaged over the previous 72 hours



Event investigation navigation

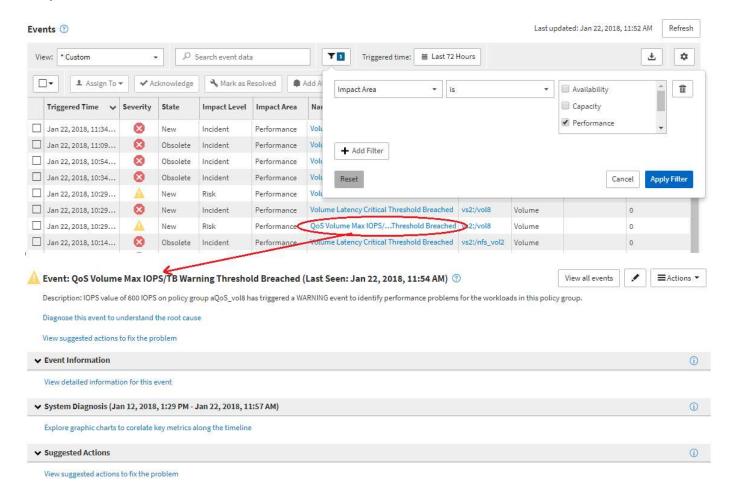
The Unified Manager event detail pages provide you with an in-depth look at any performance event. This is beneficial when investigating performance events, when troubleshooting, and when fine-tuning system performance.

Depending on the type of performance event, you might see one of two types of event detail pages:

- · Event details page for user-defined and system-defined threshold policy events
- · Event details page for dynamic threshold policy events

This is one example of an event investigation navigation.

- 1. In the left navigation pane, click Events.
- In the Events inventory page, click the filter button and select **Performance** in the Impact Area to filter the list of events.
- 3. Click the name of the event that you want to investigate and the Event details page is displayed.
- 4. Expand any of the areas, such as Suggested Actions, to view more details about the event that may help you resolve the issue.

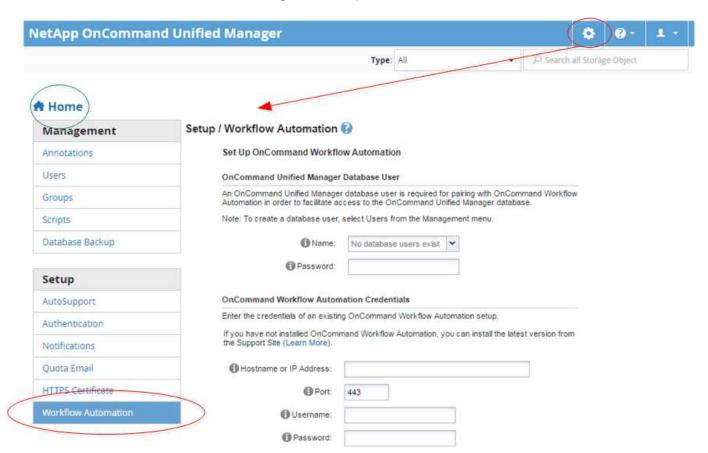


Unified Manager administration navigation

Unified Manager administration functionality enables you to manage users and data

sources. You can also accomplish setup tasks such as authentication, AutoSupport, email, HTTPS certificates, networks, and NTP servers using the Unified Manager Administration page.

This is one example of many possible administration navigational paths. To add or remove a connection to a Workflow Automation server, follow this navigation example:



(i)

Click the **Home** icon to return to the main Unified Manager navigation page.

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