Resolving capacity issues

OnCommand Unified Manager 9.5

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Resolving capacity issues

This workflow provides an example of how you can resolve a capacity issue. In this scenario, you are an administrator or operator and you access the Unified ManagerDashboards/Overview page to see if any of the monitored storage objects have capacity issues. You see that there is a volume with a capacity risk, and you want to determine the possible cause of and resolution to the problem.

Before you begin

You must have the Operator, OnCommand Administrator, or Storage Administrator role..

About this task

On the Dashboards/Overview page, you look at the Unresolved Incidents and Risks area and see a "Volume Space Full" error event in the Capacity pane under SVM Volume Capacity at Risk.

Steps

1. In the **Unresolved Incidents and Risks** area of the **Dashboards/Overview** page, click the name of the Volume Space Full error event in the **Capacity** pane.

   The Event details page for the error is displayed.

2. From the **Event** details page, you can perform one or more of the following tasks:

   - Review the error message in the Cause field and click the suggestions under Suggested Remedial Actions to review descriptions of possible remediations. Performing suggested remedial actions for a full volume

   - Click the object name, in this case a volume, in the Source field to get details about the object. Volume details page

   - Look for notes that might have been added about this event. Adding and reviewing notes associated with an event

   - Add a note to the event. Adding and reviewing notes associated with an event

   - Assign the event to another user. Assigning events

   - Acknowledge the event. Acknowledging and resolving events

   - Mark the event as resolved. Acknowledging and resolving events

Performing suggested remedial actions for a full volume

After receiving a "Volume Space Full" error event, you review the suggested remedial actions on the Event details page and decide to perform one of the suggested actions.

Before you begin

You must have the OnCommand Administrator or Storage Administrator role.

A user with any role can perform all of the tasks in this workflow that use Unified Manager.

About this task

In this example, you have seen a Volume Space Full error event on the Unified ManagerDashboards/Overview page and have clicked the name of the event.

Possible remedial actions you might perform for a full volume include the following:

- Enabling autogrow, deduplication, or compression on the volume
- Resizing or moving the volume
- Deleting or moving data from the volume

Although all of these actions must be performed from either OnCommand System Manager or the ONTAP CLI, you can use Unified Manager to find information you might need to determine which actions to take.

Steps

1. From the **Event** details page, you click the volume name in the Source field to view details about the affected volume.

2. On the **Health/Volume** details page, you click **Configuration** and see that deduplication and compression are already enabled on the volume.

   You decide to resize the volume.

3. In the **Related Devices** pane, you click the name of the hosting aggregate to see if the aggregate can accommodate a larger volume.

4. On the **Health/Aggregate** details page, you see that the aggregate hosting the full volume does have enough uncommitted capacity, so you use OnCommand System Manager to resize the volume, giving it more capacity.

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