Customizing storage VM reports

Active IQ Unified Manager 9.8

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Customizing storage VM reports

You can create storage VM reports to analyze volume information and to view overall health and storage availability. For example, you can create reports to display SVMs reaching the maximum volume count and to analyze stopped SVMs.

Creating a report to view storage VMs reaching the maximum volume limit

You can create a report to find SVMs that are reaching the maximum volume limit.

Before you begin

- You must have the Application Administrator or Storage Administrator role.

About this task

Use the following steps to create a custom view that displays storage VMs that are reaching the maximum volume limit, and then schedule a report to be generated for that view.

Steps

1. In the left navigation pane, click **Storage** > **Storage VMs**.
2. Select **Show/Hide** to remove any columns you do not want in the report.
3. Drag the “Volume Count” and “Maximum Allowed Volumes” columns near the “Storage VM” column.
4. Click the top of the “Maximum Allowed Volumes” column to sort the results by the highest number of volumes.
5. Save the view with a specific name that reflects what the view is showing, for example “SVMs reaching max volumes” and click the check mark (✓).
6. Click the **Scheduled Reports** button on the inventory page.
7. Click **Add Schedule** to add a new row to the **Report Schedules** page so that you can define the schedule characteristics for the new report.
8. Enter a name for the report schedule and complete the other report fields, then click the check mark (✓) at the end of the row.

   The report is sent immediately as a test. After that, the report generates and is sent by email to the recipients listed using the specified frequency.

After you finish

Based on the results shown in the report, you might want to balance the volumes assigned to storage VMs or, if possible, use ONTAP System Manager to change the maximum allowed volumes.

Creating a report to view stopped storage VMs

You can create a report to display a list of all stopped SVMs.

Before you begin

- You must have the Application Administrator or Storage Administrator role.

About this task

Use the following the steps to create a custom view that displays stopped storage VMs, and then schedule a report to be generated for that view.

Steps

1. In the left navigation pane, click **Storage** > **Storage VMs**.
2. In the View menu, select **Health** > **All Storage VMs**.
3. Select **Show/Hide** to remove any columns that you do not want in the report.
4. Drag the “State” column near the “Storage VM” column.
5. Click the filter icon, add the following filter, and then click **Apply Filter**:
   - State is Stopped
6. Save the view with a specific name that reflects what the view is showing, for example “Stopped SVMs” and click the check mark (✓).
7. Click the **Scheduled Reports** button on the inventory page.
8. Click **Add Schedule** to add a new row to the **Report Schedules** page so that you can define the schedule characteristics for the new report.
9. Enter a name for the report schedule and complete the other report fields, then click the check mark (✓) at the end of the row.

   The report is sent immediately as a test. After that, the report generates and is sent by email to the recipients listed using the specified frequency.

After you finish

Based on the results shown in the report, you might want to investigate why the SVM is stopped to see if you should restart the stopped SVMs.

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