

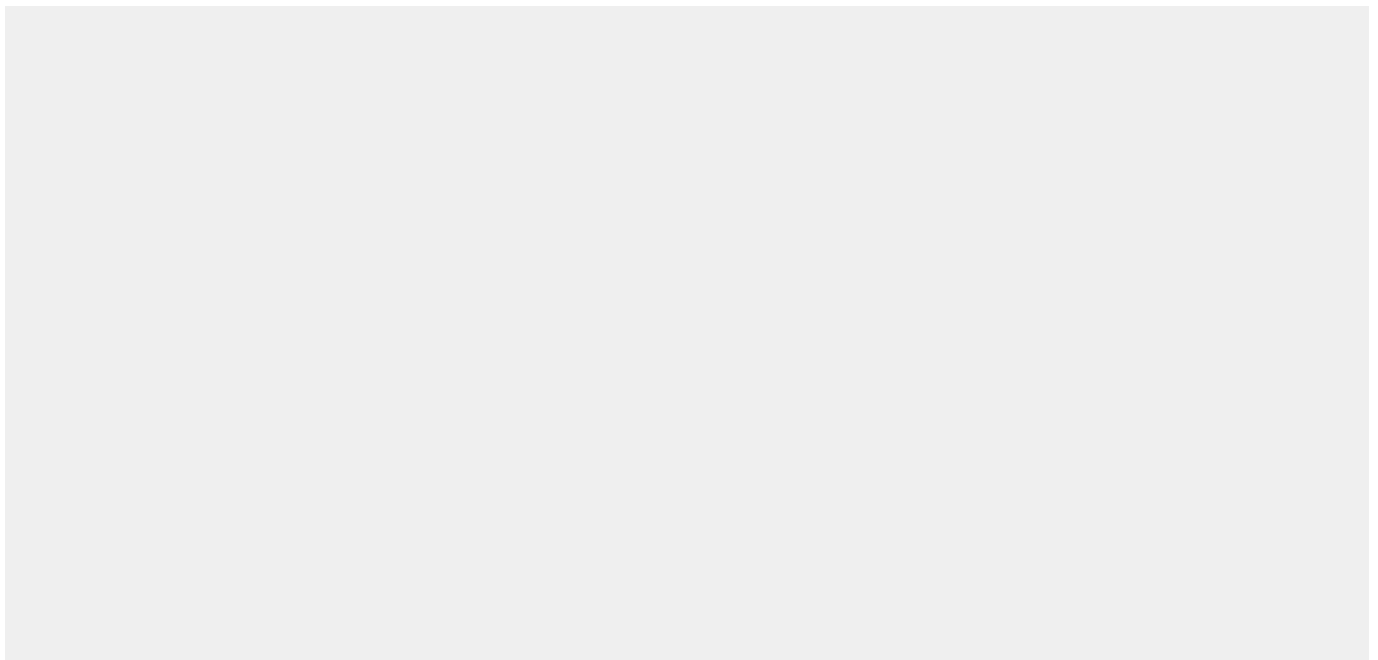
Lab 13: Solutions Administration

In this lab, you configure and enable a storage optimization and risk mitigation rules.

Lab Exercises

This lab includes the following exercises:






- [Exercise A: Configuring and Enabling Storage Optimization Rules](#)
- [Exercise B: Configuring Risk Mitigation Rules](#)



⚠ It is recommended to use **Google Chrome** to perform the lab exercises. After launching the lab, zoom out the lab browser window to 80% to fit the APTARE Portal interface and view all the tabs within the window.


Exercise A: Configuring and Enabling Storage Optimization Rules

In this exercise, you configure and enable storage optimization rules.

- ☐ 1. Sign in to the  **console** system using the following credentials.
 - **User name:**  **EXAMPLE\Administrator**
 - **Password:**  **P@ssw0rd**
- ☐ 2. Double-click the **Aptare Portal** shortcut, located on the desktop of the **console.example.com** system, to launch the **VERITAS APTARE IT Analytics Portal**.
- ☐ 3. When the **VERITAS APTARE IT Analytics Portal** login page is displayed, login using the following credentials.
 - **Username:**  **admin@example.com**
 - **Password:**  **P@ssw0rd**
- ☐ 4. In the **Veritas APTARE IT Analytics Portal**, navigate to **Admin > Solutions > Storage Optimization**.

The **Storage Optimization** page is displayed and lists all the available rules.
- ☐ 5. On the **Storage Optimization** page, double-click the **Non-VM Files** rule listed under the **Virtualization** category. The **Edit Non-VM Files Rule** dialog box is displayed.
- ☐ 6. In the **Edit Non-VM Files Rule** dialog box, set the **Cost per GiB** to **2**.
- ☐ 7. Enter **IsolImage** in the **Include File Type** field so that only the **IsolImage** files consuming storage are included.
- ☐ 8. In the **Edit Non-VM Files Rule** dialog box, select the **Enabled** checkbox and click **OK** without making any other changes to configure and enable the **Non-VM Files** rule.

You are returned to the **Storage Optimization** page, note that the **Non-VM Files** rule listed under the **Virtualization** category is now **Enabled**.
- ☐ 9. In the **Veritas APTARE IT Analytics Portal**, navigate to **Reports**.
- ☐ 10. On the **Reports** page, click **Solutions > Storage Optimization** located in the **Reports Navigation Panel**. The available reports are displayed in the **Reports** view panel.
- ☐ 11. In the **Reports** view panel, double-click the **Storage Optimization Analysis** report. The **Storage Optimization Analysis Scope Selector** dialog box is displayed.

 The **Non-VM Files** rule is available for selection under the **Report Scope** section.

- ☐ 12. In the **Storage Optimization Analysis Scope Selector** dialog box, select **Usage** in the **Report On** drop-down list and click **Generate** to generate the report.


The contents of the **Storage Optimization Analysis** report are displayed in a new tab.

The **Storage Optimization Analysis** report shows that over **132 GB** of **Non-VM Files** are located on the datastores.

- ☐ 13. On the the **Storage Optimization Analysis** tab that displays the content of the report, click **Actions > Edit Scope**. The **Storage Optimization Analysis Scope Selector** dialog box is displayed.

- ☐ 14. In the **Storage Optimization Analysis Scope Selector** dialog box, select **Both** in the **Report On** drop-down list and click **Regenerate** to regenerate the report.

The contents of the **Storage Optimization Analysis** report are updated to include the cost for the **Non-VM Files** residing on the datastores.


 All costs are displayed in Dollars (\$). To change the **Currency Format** navigate to **Admin > System Configuration > Portal > Report**.

- ☐ 15. On the **Storage Optimization Analysis** tab, click on the **Donut** chart that lists the **Usage** and **Cost**.

The **Non-VM Files by Datastore** page is displayed in a new tab and lists the **# of Files**, **File Size**, etc. alongside the **Datastore** hosting the files.

- ☐ 16. On the **Non-VM Files by Datastore** page, click **Show All**.

The **Non-VM Files** page is displayed and lists all **IsolImage** files that reside on the datastores along with the **File Name**, **Top Folder**, **File Path**, **File Type**, **Virtual Disk Capacity**, **File Size**, **Array List**, **Last Modified Date**, **Cost per GiB** and **Total Cost**.

 Only **IsolImage** files are listed on the **Non-VM Files** page because the **Non-VM Files** rule is configured to include only **IsolImage** files.

The **Actions > Export** and **Actions > Email** options are available on the **Non-VM Files** page allowing you to export or email the contents of the report.

- ☐ 17. Close the **Non-VM Files**, **Non-VM Files by Datastore**, and **Storage Optimization Analysis** tabs.

If time permits, configure and enable other **Storage Optimization** rules and run the **Storage Optimization Analysis** report to view the details.

[Go to Lab Exercises](#)


Exercise B: Configuring Risk Mitigation Rules

In this exercise, you configure and enable risk mitigation rules.

- ☐ 1. In the **Veritas APTARE IT Analytics Portal**, navigate to **Admin > Solutions > Risk Mitigation**.
The **Risk Mitigation** page is displayed and lists all the available rules.
- ☐ 2. On the **Risk Mitigation** page, double-click the **Sources with No Recent Backups** rule listed under the **Data Protection** category. The **Edit Sources with No Recent Backups Rule** dialog box is displayed.
- ☐ 3. In the **Edit Sources with No Recent Backups Rule** dialog box, ensure that **Include Sources Never Backed Up** is set to **Yes**.
- ☐ 4. Set the **Sources with No Successful Backup in (Days)** to **7** and the **Exclude Retired Sources. Not Backed Up in (Days)** to **365**.
- ☐ 5. In the **Edit Sources with No Recent Backups Rule** dialog box, select the **Enabled** checkbox and click **OK** to configure and enable the rule.

You are returned to the **Risk Mitigation** page, note that the **Sources with No Recent Backups** rule listed under the **Data Protection** category is now **Enabled**.

- ☐ 6. In the **Veritas APTARE IT Analytics Portal**, navigate to **Reports**.
- ☐ 7. On the **Reports** page, click **Solutions > Risk Mitigation** located in the **Reports Navigation Panel**. The available reports are displayed in the **Reports** view panel.
- ☐ 8. In the **Reports** view panel, double-click the **Risk Mitigation Analysis** report. The **Risk Mitigation Analysis Scope Selector** dialog box is displayed.

 The **Sources with No Recent Backups** rule is available for selection under the **Report Scope** section.

- ☐ 9. In the **Risk Mitigation Analysis Scope Selector** dialog box, click **Generate** without making any other changes.

The contents of the **Risk Mitigation Analysis** report are displayed in a new tab.

The **Risk Mitigation Analysis** report shows the number of clients that have not been backed up in the last 7 days.

- ☐ 10. On the **Risk Mitigation Analysis** tab, click on the **Donut** chart that lists the **Sources with No Recent Backups**.

The **Sources with No Recent Backups** page is displayed in a new tab and lists the **Product, Primary IP Address, Host Type, Days Since Last Backup, Last Backup, Job Status, and Job Type** alongside the **Source Name** hosting the files.

The sources listed on the **Sources with No Recent Backups** are at risk as they do not have a latest backup image to restore from in the event of a disaster.

The **Actions > Export** and **Actions > Email** options are available on the **Sources with No Recent Backups** page allowing you to export or email the contents of the report.

- ☐ 11. Close the **Sources with No Recent Backups** and the **Risk Mitigation Analysis** tabs.

If time permits, configure and enable other **Risk Mitigation** rules and run the **Risk Mitigation Analysis** report to view the details.

- ☐ 12. On the **Reports** page, click **Solutions > Risk Mitigation** located in the **Reports Navigation Panel**. The available reports are displayed in the **Reports** view panel.

- ☐ 13. In the **Reports** view panel, double-click the **Ransomware Risk Assessment** report.

The **Ransomware Risk Assessment Scope Selector** dialog box is displayed.

- ☐ 14. In the **Ransomware Risk Assessment Scope Selector** dialog box, click **Generate** without making any changes.

The contents of the **Ransomware Risk Assessment** report are displayed in a new tab.

- ☐ 15. The **Ransomware Risk Assessment** report contains multiple reports **Risk Mitigation Analysis, Alert Summary, Ransomware File Types, File Types by Count, File Types by Size** to highlight and visualize the risk in your environment.

- ☐ 16. Click on the available reports present under The **Ransomware Risk Assessment** report to view their respective details.

- ☐ 17. In the **Veritas APTARE IT Analytics Portal**, click **System Administrator > Log Out** to log out of the **Veritas APTARE IT Analytics Portal**.

- ☐ 18. Close the **Google Chrome** browser window.

End of Lab
