

Lab 05: Managing Hosts, Backup Servers and Host Groups

In this lab, you add the new Host Groups, Assign hosts to host groups, perform host group operations, decommission and recommission hosts, add attributes, and manage attributes.

Lab Exercises

This lab includes the following exercises:

- [Exercise A: Adding Host Groups](#)
- [Exercise B: Assigning a new host/server to a Host Group](#)
- [Exercise C: Managing Host Groups](#)
- [Exercise D: Decommission/Recommission Hosts and Backup Servers](#)
- [Exercise E: Adding and Managing Attributes](#)


⚠ 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: Adding Host Groups

Host groups can contain zero or more hosts/backup servers and zero or more sub-groups. However, a host or backup server must always belong to a host group.

In this exercise, you add host groups.

Adding Host Groups

- ☐ 1. Sign in to the  **console** system using the credentials provided below.


User ID:

Password:

- ☐ 2. Double-click the **Aptare Portal** shortcut, located on the desktop of the **console.example.com** system, to launch the APTARE IT Analytics Portal.
- ☐ 3. When the APTARE IT Analytics Portal is displayed, Sign-in using the following credentials.

Username

Password

- ☐ 4. In the APTARE IT Analytics Portal, navigate to the **Inventory**.
- ☐ 5. In the **Hierarchy Panel**, click the **Host Groups** icon  to change the view to **Host Groups**.
- ☐ 6. In the **Hierarchy Panel**, right-click the **APTARE** host group folder and in the resulting menu select **Add Host Group**.
- ☐ 7. In the **Add Host Group** dialog box that is displayed, enter in the **Enter the name of ...** field.
- ☐ 8. Click **OK** to add the host group.
- ☐ 9. In the **Hierarchy Panel**, expand the **APTARE** host group folder. The new Host Group, **APT106ADM_Backup_Servers** is now listed in the **Hierarchy Panel**.

Adding a second Host Group

- ☐ 10. In the **Hierarchy Panel**, right-click the **APTARE** host group folder and in the resulting menu select **Add Host Group**.

- ☐ 11. In the **Add Host Group** dialog box that is displayed, enter **T** **APT106ADM_Application_Servers** in the **Enter the name of ...** field.
- ☐ 12. Click **OK** to add the host group.
- ☐ 13. In the **Hierarchy Panel**, expand the **APTARE** host group folder. The new Host Group, **APT106ADM_Application_Servers** is now listed in the **Hierarchy Panel**.

Adding a third Host Group


- ☐ 14. In the **Hierarchy Panel**, right-click the **APTARE** host group folder and in the resulting menu select **Add Host Group**.
- ☐ 15. In the **Add Host Group** dialog box that is displayed, enter **T** **APT106ADM** in the **Enter the name of ...** field.
- ☐ 16. Click **OK** to add the host group.
- ☐ 17. In the **Hierarchy Panel**, expand the **APTARE** host group folder. The new Host Group, **APT106ADM** is now listed in the **Hierarchy Panel**.

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Exercise B: Assigning a new host/server to a Host Group

In this exercise, assign hosts to host groups.

- ☐ 1. In the **Hierarchy Panel**, select the **Global** host group folder. The **Host Group: Global** page is displayed in the right pane of the APTARE IT Analytics Portal.
- ☐ 2. On the **Host Group: Global** page, use the filter and search for **T foster**.
- ☐ 3. In the search results, select **foster** and click **Edit**. The **Edit Host** dialog box is displayed.
- ☐ 4. In the **Edit Host** dialog box, select **/Global** under **Host Group Membership** and click **Remove Host Group** to remove **foster** from the **Global** Host Group.

 A host/server can belong to multiple Host Groups.


- ☐ 5. In the **Edit Host** dialog box, click **Assign Host Group**. The **Assign Host Group** dialog box is displayed.
- ☐ 6. In the **Assign Host Group** dialog box, navigate to **Global > APTARE** and select the **APT106ADM_Backup_Servers** host group.
- ☐ 7. Click **Close** to close the **Assign Host Group** dialog box.

You are returned to the **Edit Host** dialog box and the **APT106ADM_Backup_Servers** host group should now be visible under **Host Group Membership**.

- ☐ 8. In the **Edit Host** dialog box, click **OK** to save the changes.

You are returned to the **Host Group: Global** management page.

- ☐ 9. On the **Host Group: Global** management page, use the filter and search for **T alcovy**.
- ☐ 10. In the search results, select **alcovy** and click **Edit**. The **Edit Host** dialog box is displayed.
- ☐ 11. In the **Edit Host** dialog box, select **/Global** under **Host Group Membership** and click **Remove Host Group** to remove **alcovy** from the **Global** Host Group.

 A host/server can belong to multiple Host Groups.

- ☐ 12. In the **Edit Host** dialog box, click **Assign Host Group**. The **Assign Host Group** dialog box is displayed.
- ☐ 13. In the **Assign Host Group** dialog box, navigate to **Global > APTARE** and select the **APT106ADM_Backup_Servers** host group.
- ☐ 14. Click **Close** to close the **Assign Host Group** dialog box.

You are returned to the **Edit Host** dialog box and the **APT106ADM_Backup_Servers** host group should now be visible under **Host Group Membership**.

- ☐ 15. In the **Edit Host** dialog box, click **OK** to save the changes.

Refer to the above steps and add **APTEAMPCM1AP6.APTCLOUDAPP.APT.NET** and **APTEAMPCOGW01.APTCLOUDAPP.APT.NET** to the **APT106ADM_Application_Servers** host

group.

- ☐ 16. In the **Hierarchy Panel**, expand the **APTARE** host group and select the **APT106ADM_Backup_Servers** host group. The **APT106ADM_Backup_Servers** management page is displayed in the right pane of the APTARE IT Analytics Portal.
- ☐ 17. On the **APT106ADM_Backup_Servers** management page, click the **Go to Inventory List** tab to switch to **List View**.
- ☐ 18. On the **APT106ADM_Backup_Servers** management page, if required click the **Clear Filter** link located next to the **Advanced Filter** to clear existing filters. use the filter and search for **foster**.

Note that the **backup servers**, **foster**, and **alcovy** are now a part of the **APT106ADM_Backup_Servers** host group and are listed on the **APT106ADM_Backup_Servers** management page.

- ☐ 19. In the **Hierarchy Panel**, expand the **APTARE** host group and select the **APT106ADM_Application_Servers** host group. The **APT106ADM_Application_Servers** management page is displayed in the right pane of the APTARE IT Analytics Portal.

Note that the application servers, **APTEAMPCM1AP6.APTCLOUDAPP.APT.NET** and **APTEAMPCOGW01.APTCLOUDAPP.APT.NET** are now a part of the **APT106ADM_Application_Servers** host group and are listed on the **APT106ADM_Application_Servers** management page.

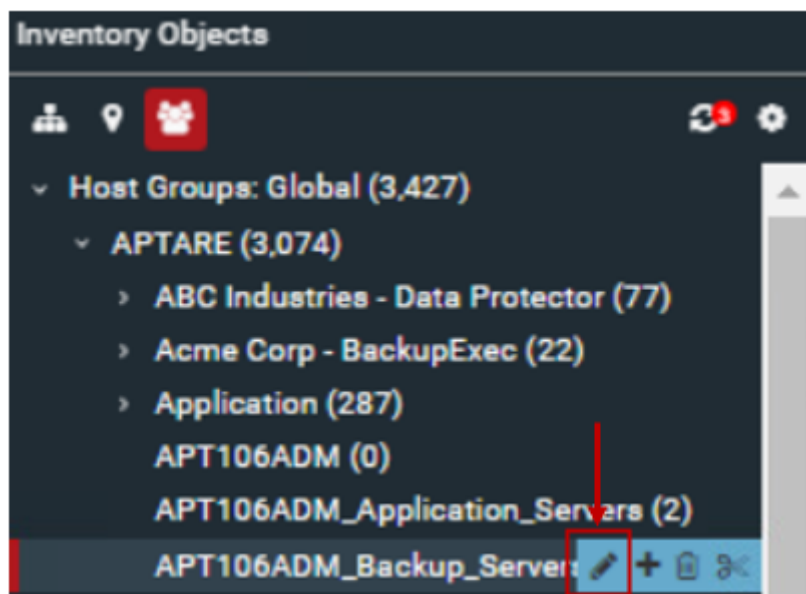
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Exercise C: Managing Host Groups

In this exercise, you perform different host group operations like renaming, moving, and deleting host groups.

Renaming Host Groups

- ☐ 1. In the **Hierarchy Panel**, expand the **APTARE > APT106ADM** host group and select the **APT106ADM_Backup_Servers** host group. Inline icons are displayed for Host Group operations.
- ☐ 2. Click the **Rename** icon as illustrated in the figure below.



- ☐ 3. In the **Rename Host Group** dialog box that is displayed, change the name for the host group from **APT106ADM_Backup_Servers** to **T Backup_Servers**.
- ☐ 4. In the **Rename Host Group** dialog box, click **OK** to save the changes.

Refer to the above steps and rename the **APT106ADM_Application_Servers** host group to **T Application_Servers**.

Moving Host Groups

- ☐ 5. In the **Hierarchy Panel**, expand the **APTARE** host group and select the **Backup_Servers** host group. Inline icons are displayed for Host Group operations.
- ☐ 6. Click the **Cut** icon.
- ☐ 7. In the **Hierarchy Panel**, select the **APT106ADM** host group. Inline icons are displayed for Host Group operations.
- ☐ 8. Click the **Paste** icon.
- ☐ 9. In the **Paste** dialog box that is displayed, click **OK** to move the **Backup_Servers** host group to the **APT106ADM** host group folder.
- ☐ 10. In the **Hierarchy Panel**, note that the **Backup_Servers** host group is now listed under the **APT106ADM** host group folder.

Refer to the above steps and move the **Application_Servers** host group to the **APT106ADM** host group folder.

Deleting Host Groups


- ☐ 11. In the **Hierarchy Panel**, expand the **APTARE** host group and select the **Application_Servers** host group. The **Application_Servers** management page is displayed in the right pane of the APTARE IT Analytics Portal.
- ☐ 12. On the **Application_Servers** management page, select **APTEAMPCM1AP6.APTCLOUDAPP.APT.NET** and click **Edit**. The **Edit Host Groups** dialog box is displayed.
- ☐ 13. In the **Edit Host Groups** dialog box, select **/Global/APTARE/APT106ADM/Application_Servers** under **Host Group Membership** and click **Remove Host Group** to remove **APTEAMPCM1AP6.APTCLOUDAPP.APT.NET** from the **Application_Servers** Host Group.
- ☐ 14. In the **Edit Host** dialog box, click **Assign Host Group**. The **Assign Host Group** dialog box is displayed.
- ☐ 15. In the **Assign Host Group** dialog box, select **Global** and click **Close** to close the **Assign Host Group** dialog box.

You are returned to the **Edit Host** dialog box and the **Global** host group should now be visible under **Host Group Membership**

- ☐ 16. In the **Edit Host** dialog box, click **OK** to save the changes.

You are returned to the **Application_Servers** management page. Refer to the above steps and move **APTEAMPSOGW01.APTCLOUDAPP.APT.NET** to the **Global** host group.

- ☐ 17. In the **Hierarchy Panel**, expand the **APTARE** host group and select the **Application_Servers** host group. Inline icons are displayed for Host Group operations.
- ☐ 18. Click the **Delete** icon.

 A host group can be deleted only if it is empty or contains only decommissioned hosts.

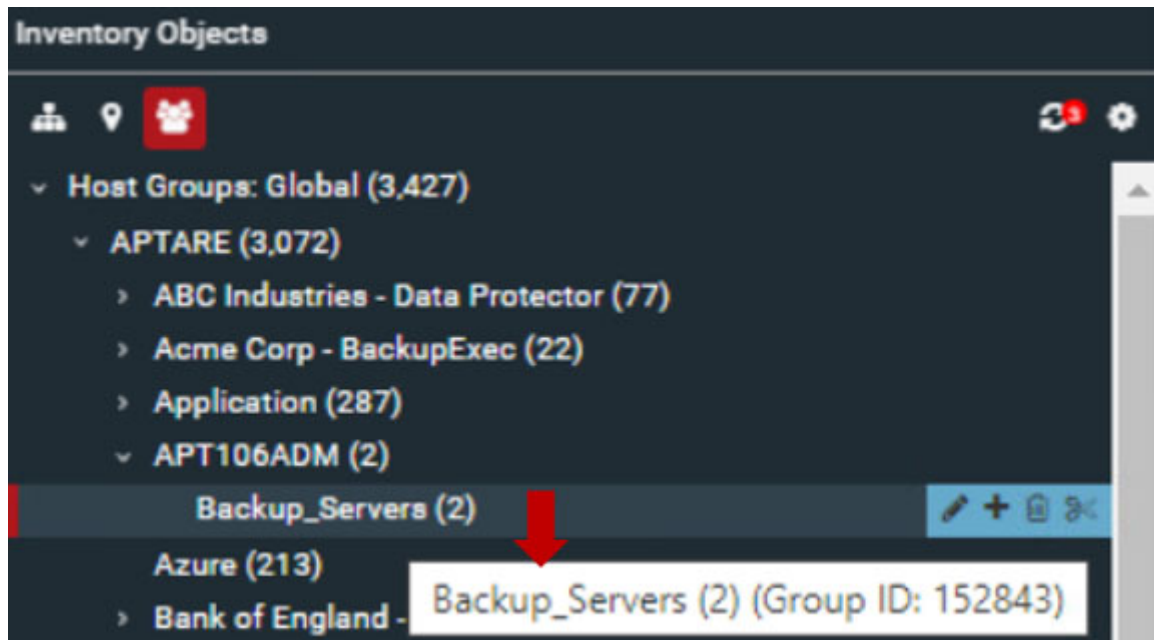
- ☐ 19. In the **Delete Host Group** dialog box that is displayed, click **OK** to delete the **Application_Servers** host group.

Note that the **Application_Servers** host group is removed and is no longer listed in the **Hierarchy Panel**.

 Do not delete the **Backup_Servers** host group.

Finding a Host Group ID

- ☐ 20. In the **Hierarchy Panel**, expand the **APTARE > APT106ADM** host group and select the **Backup_Servers** host group.
- ☐ 21. Hover your mouse over the **Backup_Servers** Host Group folder. The **Group ID** displayed in a tooltip as illustrated in the figure below.




Assigning a user to a host group

- ☐ 22. In the APTARE IT Analytics Portal, navigate to **Admin > Users > Users and Privileges**. A list of all **Portal Users** is displayed on the **Users and Privileges** management page.
- ☐ 23. From the list of users, select **aptare@example.com** and click **Edit**. The **Edit User** dialog box is displayed.
- ☐ 24. In the **Edit User** dialog box, under the **Pick a host group from the list below** section, navigate to **Global > APTARE** host group.
- ☐ 25. Select the **APT106ADM** host group and click **OK** to assign the **APT106ADM** host group to user **aptare@example.com**.

You are returned to the **Users and Privileges** management page.

- ☐ 26. In the APTARE IT Analytics Portal, click **System Administrator > Log Out** to log out from the APTARE IT Analytics Portal.
- ☐ 27. Log in to the APTARE IT Analytics Portal using the below credentials:

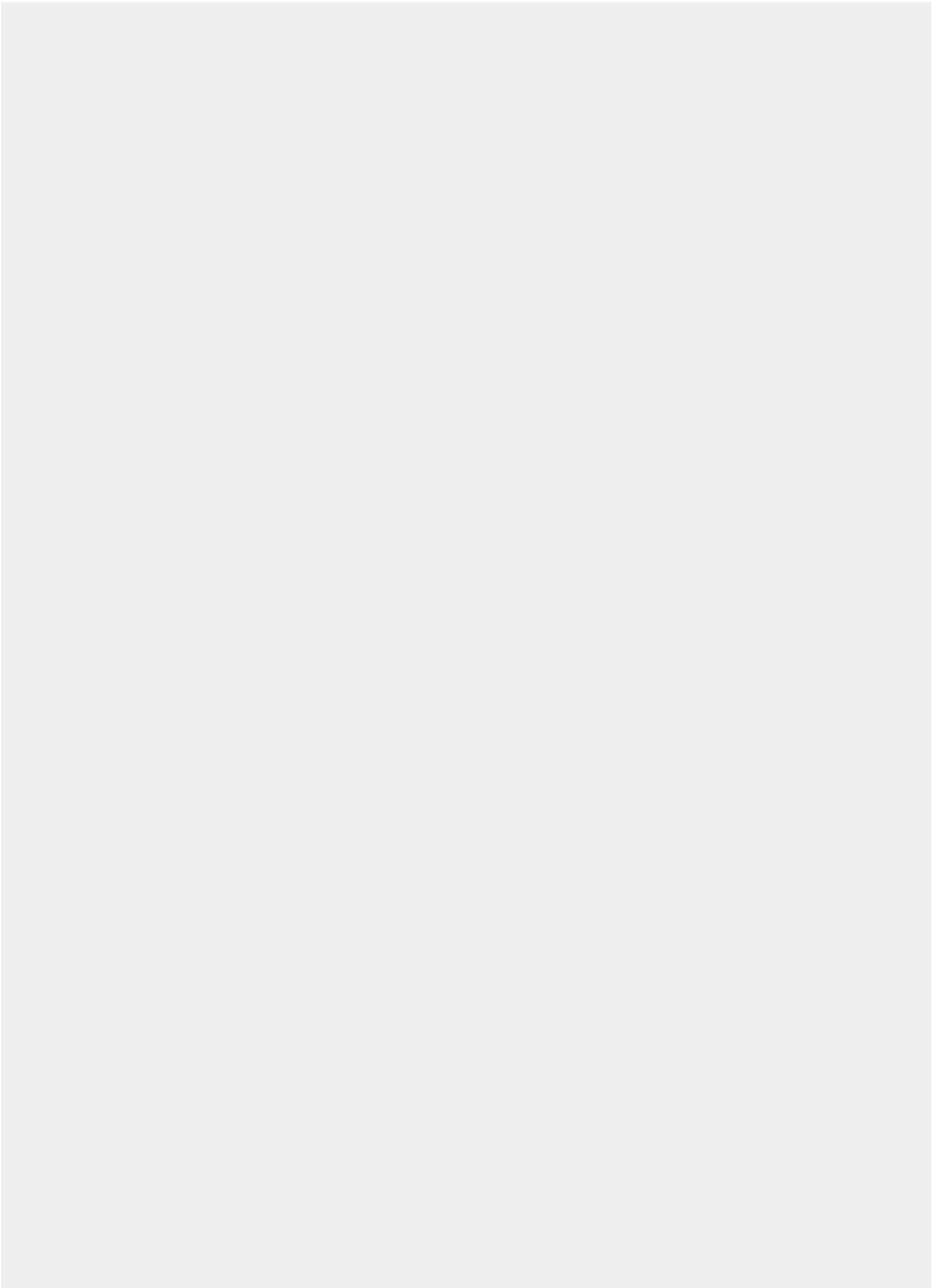
Username	<input type="text" value="T aptare@example.com"/>
Password	<input type="text" value="T P@ssw0rd"/>

- ☐ 28. In the APTARE IT Analytics Portal, navigate to the **Inventory**.
- ☐ 29. In the **Hierarchy Panel**, click the **Host Groups** icon  to change the view to **Host Groups**.

Note that only the **APT106ADM** and its sub-host groups are visible to the **aptare@example.com** user.

- ☐ 30. In the APTARE IT Analytics Portal, click **Aptare Administrator > Log Out** to log out from the APTARE IT Analytics Portal.

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Exercise D: Decommission/Recommission Hosts and Backup Servers

In this exercise, you decommission and recommission a host.

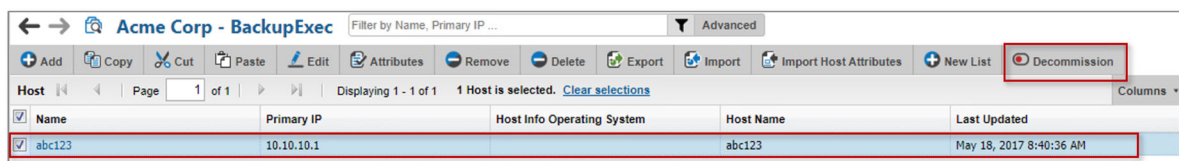
Decommission Backup Servers

- ☐ 1. Log in to the APTARE IT Analytics Portal using the below credentials:

Username

Password

- ☐ 2. In the APTARE IT Analytics Portal, navigate to the **Inventory**.
- ☐ 3. In the **Hierarchy Panel**, click the **Host Groups** icon to change the view to **Host Groups**.
- ☐ 4. In the **Hierarchy Panel**, expand the **APTARE** host group and select the **Acme Corp - BackupExec** host group. The **Acme Corp - BackupExec** management page is displayed in the right pane of the APTARE IT Analytics Portal.
- ☐ 5. On the **Acme Corp - BackupExec** management page, select **abc123** and click **Decommission** as illustrated in the figure below.

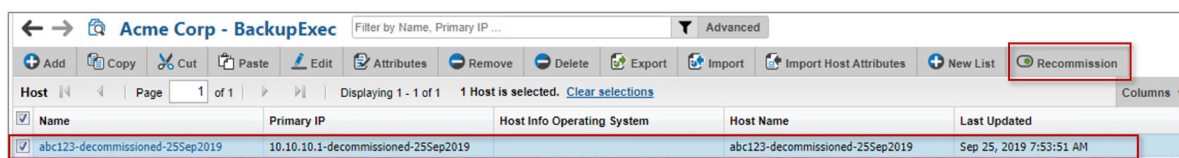


- ☐ 6. In the **Decommission Host** dialog box that is displayed, click **Yes** to continue.
- ☐ 7. When prompted for the password, enter **P@ssw0rd** and click **Decommission** to decommission the host, **abc123**.
- ☐ 8. Click **OK** in the **Decommission Host** dialog box. You are returned to the **Acme Corp - BackupExec** management page.

Note that the host, **abc123** is still listed on the **Acme Corp - BackupExec** management page but with a decommissioned tag and a date when it was decommissioned.

Recommission Backup Servers

- ☐ 9. On the **Acme Corp - BackupExec** management page, select **abc123-decommissioned-(Date)** and click **Recommission** as illustrated in the figure below.



- ☐ 10. In the **Recommission Host** dialog box that is displayed, click **Yes** to continue.

- ☐ 11. When prompted for the password, enter **P@ssw0rd** and click **Recommission** to recommission the host, **abc123**.
- ☐ 12. Click **OK** in the **Recommission Host** dialog box. You are returned to the **Acme Corp - BackupExec** management page

Note that the deommissioned tag and date were removed from the host, **abc123**.

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Exercise E: Adding and Managing Attributes


Attributes can be configured for objects to define a distinct data set, based on a particular characteristic.


In this exercise, you add and manage attributes.

Adding Attributes

- ☐ 1. In the APTARE IT Analytics, navigate to **Admin > Advanced > Attributes**. A list of configured **Attributes** is displayed on the **Attributes** management page.
- ☐ 2. On the **Attributes** management page, click **Add**. The **Add Attribute** dialog box is displayed.
- ☐ 3. In the **Add Attribute** dialog box, enter the following details

Attribute Name	<input type="text" value="Maintenance_Contract"/>
Attribute Values	<input type="text" value="Yes, No"/>
Allow Inheritance	<input checked="" type="checkbox"/> Selected
Attribute Description	<input type="text" value="List all hosts with or without a maintenance contract"/>

 When you create an attribute, that attribute is automatically available for all object types, simplifying administration.

 Report templates created with the Dynamic Template Designer have access to only Array, Host, Library, and Drive objects and attributes.

- ☐ 4. In the **Add Attribute** dialog box, click **Save** to add the **Maintenance_Contract** attribute.


You are returned to the **Attributes** management page.

Refer to the above steps and add another attribute with the following details:

Attribute Name	<input type="text" value="Model"/>
Attribute Values	<input type="text" value="T330,T140,T30,T340,T640,T440"/>
Allow Inheritance	<input checked="" type="checkbox"/> Selected


Editing or Renaming Attributes

- ☐ 5. On the **Attributes** management page, select the **Model** attribute and click Edit. The **Edit Attribute** dialog box is displayed.

 It might take a couple of minutes for the **Edit Attribute** dialog box to be displayed.

- ☐ 6. In the **Edit Attribute** dialog box, change the **Attribute Name** from **Model** to **Server_Model**.
- ☐ 7. Enter **List host using the Server Model** in the **Attribute Description** field and click **Save** to save the changes.

Assigning Attribute Values to Objects


- ☐ 8. In the APTARE IT Analytics, navigate to **Inventory**.
- ☐ 9. In the **Hierarchy Panel**, click the **Host Groups** icon  to change the view to **Host Groups**.
- ☐ 10. In the **Hierarchy Panel**, expand **APTARE > APT106ADM** and select the **Backup_Servers** host group. The **Backup_Servers** management page is displayed in the right pane of the APTARE IT Analytics Portal.
- ☐ 11. On the **Backup_Servers** management page, select **foster** and then click **Attributes**. The **Assign Attribute Values to Objects** dialog box is displayed.
- ☐ 12. In the **Assign Attribute Values to Objects** dialog box, locate and double-click the **Maintenance_Contract** attribute.
- ☐ 13. Select **Yes** in the **Maintenance_Contract** drop-down box that is displayed.
- ☐ 14. In the **Assign Attribute Values to Objects** dialog box, click **OK** to assign the **Maintenance_Contract** attribute to **foster**.

You are returned to the **Backup_Servers** management page.


Refer to the above steps and assign the **Maintenance_Contract** attribute to **alcovy**.


Deleting Attributes


- ☐ 15. In the APTARE IT Analytics, navigate to **Admin > Advanced > Attributes**. A list of configured **Attributes** is displayed on the **Attributes** management page.
- ☐ 16. On the **Attributes** management page, select the **Server_Model** attribute and click **Delete**. The **Delete Attribute** dialog box is displayed.

 It might take a couple of minutes for the **Delete Attribute** dialog box to be displayed. This is because when an attribute is deleted, it has to be removed from all the hosts that have the attribute assigned.

- ☐ 17. In the **Delete Attribute** dialog box, click **Yes** to delete the attribute.

 If the attribute is in use by a Dynamic Template, you will be prompted to confirm that you want to delete the attribute. If you choose to delete an attribute that is in use, the template will no longer work as designed.

 System Attributes cannot be deleted.

 Attributes inherited from a parent can only be deleted by an administrator of the Domain where the attribute was created.

- ☐ 18. In the APTARE IT Analytics Portal, click **System Administrator > Log Out** to log out from the APTARE IT Analytics Portal.
- ☐ 19. Close the **Google Chrome** browser window and log out from the **console.example.com** system.

End of Lab
