ESET Virtualization Security vCenter and Active Directory synchronization

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https://support.eset.com/kb5890

Issue

Perform VMware synchronization and Active Directory synchronization with ESET Remote Administrator in vSphere
Client computers appear twice in ESET Remote Administrator installed on vSphere

Details

VMware synchronization identifies computers based on the UUID of virtual machines (VMs), whereas AD synchronization identifies computers based on DNS names.

NOTE: Import your vCenter CA

To run this task successfully, you need to have imported vCenter CA in your ERA Server. You can export it via your web browser.

To export the certificate using *Firefox web browser* click the icon of the secure connection in the address bar > **Show connection details** > **More Information** > **View certificate** > **Details**> **Export** > **Save**.

Solution

By default, all protected machines are displayed under the name of vAgent Host and to resolve their correct names, a synchronization with

vCenter is needed to map vCenter used names.

I. VMware synchronization task

1. Open ESET Remote Administrator Web Console (ERA Web Console) in your web browser and log in. How do I open ERA Web Console?
2. Click **Admin → Server Tasks → Static Group Synchronization → New**.



Figure 1-1
Click the image to view larger in new window

3. In the **Basic** section, type a name for the VMware synchronization task and select the **Run task immediately after finish** check box.



Figure 1-2
Click the image to view larger in new window

4. Expand the **Settings** section and click **Select** next to **Static Group Name**. By default, the root for synchronized computers will be used or you can create a new Static Group.
5. Configure the additional settings to your preferences for how duplicates are handled:
    - **Object to synchronize**—You can choose either **Computers and Groups**, or **Only Computers**.
    - **Computer creation collision handling**—If the synchronization adds computers that are already members of the Static Group, you can select a conflict resolution method: **Skip** (synchronized computers will not be added) or **Move** (new computers will be moved to a subgroup).
    - **Computer extinction handling**—If a computer no longer exists, you can either **Remove** the computer or **Skip**.
    - **Group extinction handling**—If a group no longer exists, you can either **Remove** the group or **Skip**.

6. Select **VMware** from the **Synchronization Mode** drop-down menu.



Figure 1-3
Click the image to view larger in new window

7. In the **Server connection settings** section, type the DNS name or IP address of the VMware vCenter Server and type the credentials used to access VMware vCenter Server. The value in Server field must be the same as is the value of **CN** of the imported vCenter CA. You can find this value in the column Subject of the **Admin** > **Certificates** > **Certification Authorities** window.
8. In the **Synchronization Settings** section, configure the following settings for your system:
    a. **Structure view**—select the type of VMware structure that will be listed during the synchronization.
    b. **Structure path**—click **Browse** to navigate through nodes and enter the path in VMware structure that will be listed. Leave it empty to synchronize entire tree.
    c. **Computer view**—select the attribute that will be used as a name of computer (for example, we recommend using **Host Name**).



Figure 1-4
Click the image to view larger in new window

9. Select an existing trigger (or modify for this task an existing trigger) or create a new one using the Server Trigger Wizard, depending on your ESET Remote Administrator setup.
10. Select the check box next the **Trigger Name** you just added, and then click **Finish**.



Figure 1-5
Click the image to view larger in new window

Only continue to part II if you are seeing duplicate entries in ESET Remote Administrator after performing the above VMware synchronization after deploying.

II. Active Directory synchronization

Your vSphere environment will allow you to select **Host Name** as the identifier for client computers, which will in turn allow Active Directory (AD) synchronization to run without finding duplicates.

To create a new AD synchronization task, follow the instructions below:

1. Click **Admin → Server Tasks → Static Group Synchronization → New**.

2. Select the VM group you added in part I above, select objects in the AD you want to synchronize from.
3. Configure the additional settings to your preferences for how duplicates are handled:

    - **Object to synchronize**—You can choose either Computers and **Groups**, or **Only Computers**.
    - **Computer creation collision handling**—If the synchronization adds computers that are already members of the Static Group, you can select a conflict resolution method: **Skip** (synchronized computers will not be added) or **Move** (new computers will be moved to a subgroup).
    - **Computer extinction handling**—If a computer no longer exists, you can either **Remove** the computer or **Skip**.
    - **Group extinction handling**—If a group no longer exists, you can either **Remove** the group or **Skip**.

4. Select **Active Directory/Open Directory/LDAP** from the **Synchronization Mode** drop-down menu.

5. In the **Server Connection Settings** section, type the DNS name or IP address of the VMware vCenter Server and type the credentials used to access VMware vCenter Server.

6. If you want to use LDAP, select check box **Use LDAP instead of Active Directory** and enter specific attributes to match your server, or you can select a **Presets** by clicking **Custom** and the

attributes will be populated automatically.

7. Synchronization Settings, click **Browse** next to **Distinguished Name** and your Active Directory tree will be displayed. Select the specific VM group that you created in part I above and then click **OK** when you are finished.

8. Select an existing trigger (or modify for this task an existing trigger) or create a new one using the Server Trigger Wizard, depending on your ESET Remote Administrator setup.

9. Select the check box next the **Trigger Name** you just added, and then click **Finish**.

- Tags
- ERA 6.x
- Virtualization Security