ESET Tech Center

Migrate ESET Security Management Center from Windows Server to ESET Security Management Center Virtual Appliance

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Issue

In order to migrate ESET Security Management Center (ESMC) Server from Windows Server to ESET Security Management Center Virtual Appliance (ESMC VA), you will need to back up the database from Windows Server and restore it into the ESMC Virtual Appliance.

Prerequisites:

- ESMC Server version 7.0 or newer with database running at MySQL Server
- ESMC Server database must use a default name "era_db" and username "root".

Important!

The following guide is only applicable to ESET Security Management Center running a MySQL database.

Solution

1. Click here to download the ESET Security Management Center Virtual Appliance (ESMC VA) for your particular hypervisor type. Deploy the ESMC VA into your virtual environment, for further information regarding this process, review the VA Deployment support page. **Do not configure** the ESMC VA yet. After a successful deployment, check the IP address of the new ESMC Virtual Appliance in the main screen.

2. On your existing Windows ESMC Server, create a new policy to set a new ESMC Server IP address and assign the policy to all client computers. Click **Admin** > **Policies** > **New Policy**.

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

1. Enter a name for your policy, the **Description** field is optional. Expand the **Settings** tab, in the drop-down menu, select **ESET Management Agent** and click **Edit server list.**

Figure 1-2

Click the image to view larger in new window

1. In the Servers window, click **Add.** In the Host field, type the IP address of your new ESMC VA. If you are using a different port, other than the default ESMC Server port 2222, specify your custom port number. Click **OK**. Make sure your new ESMC Server address is listed first and click **Save**.

Figure 1-3

1. Expand the **Assign** tab to specify the clients that are targeted by this policy. Click the **Assign** button to display a new popup window with all Static and Dynamic Groups.

Figure 1-4

Click the image to view larger in new window

1. Select the Static Group *All* to assign a new policy and click **OK**.

Figure 1-5

Click the image to view larger in new window

1. Review the settings for this policy and click **Finish** to apply. According to your ESMC Server settings, wait until the new policy is applied to agents.

2. [Stop](#) the ESMC Server service.

3. Create a full [database backup](#) of the source ESMC database. It is required that the ESMC database is named **era_db**. Name the backup file *era-backup.sql*. Open a Command prompt and navigate to the MySQL Server binaries folder (default location is *C:\Program Files\MySQL\MySQL Server x.x\bin*) and run the following command:

   ```
   mysqldump --host localhost --disable-keys --extended-insert --
   routines -u root -p era_db > era-backup.sql
   ```

4. Return to the ESMC VA main screen. Press **Enter** to enter management mode, log in using the default password "eraadmin", and press **Enter** twice to confirm.

Figure 1-6

1. [Enable the Webmin interface](#). In the ESMC VA management mode menu, select **Enable/Disable Webmin interface**. Connect to the Webmin interface using a web browser with an IP address of ESMC VA and port 10000. The address to connect should look like: https://xxx.xxx.xxx.xxx:10000

2. Log into the Webmin interface using the default ESMC VA credentials where *root* is the login and *eraadmin* is the password.

Figure 1-7

1. From the main menu, expand the **Others** and select **File Manager**. Navigate to folder */root/*.

Figure 1-8

1. In the top right corner of **File Manager**, click **File** and select **Upload to current folder**.

Figure 1-9
Click the image to view larger in new window

1. Click **Upload Files** and locate the *era-backup.sql* file you created in step 4. To upload the file, click **Upload Files** second time. When the upload is complete, log out of Webmin.

Figure 1-10

1. In the ESMC VA main screen, login to management mode. Select **Restore database** from the menu and press **Enter**. When the restoral of database backup is finished, press **Enter** to return back to the main screen.

Figure 1-11

1. Configure the ESMC VA. Connect to the appliance using a web browser with an IP address of the ESMC VA. In the drop-down menu, select **ESET Security Management Center Server Appliance**.

Figure 1-12

1. Set a new **password** for the VM and click **Submit** to start ESMC VA configuration. Do not refresh this page in your web browser, close the tab and go to your ESMC VA console window.

Figure 1-13

1. When configuration is finished, log into the ESMC Web Console using the new password and verify the agents have migrated successfully and are connecting to the new server. Do not uninstall your old Windows ESMC Server until you have verified migration was successful.

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