ESET Tech Center

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Upgrade ESET Remote Administrator (6.5) to ESET Security Management Center (7.2) using the Web Console

Anish | ESET Nederland - 2025-03-07 - Reacties (0) - 6.x

lssue

- Upgrade individual ERA components (Agent, Server, Proxy) to the latest ESMC
- Resolve CReplectionModule errors by upgrading to the latest version

Solution

- Upgrade ERA Server using the Components Upgrade Task in the Web Console
- Upgrade ERA Agents on managed computers

Before you start

- 🕹 Linux users: Upgrade ERA 6.4 (and later) for Linux to the latest version.
- If you use an ERA 6.x Proxy component, <u>upgrade your infrastructure with ERA 6.x</u> <u>Proxy</u>.

Prerequisites

Before upgrading to ESMC 7.2, make sure that you have met all <u>ESMC 7.2 installation</u> prerequisites.

Important recommendations before the upgrade

You must have ESET Remote Administrator (ERA) version 6.5 and later to upgrade to ESET Security Management Center 7.2. <u>Check which version of ERA you have installed</u>.

ESMC Server component version 7.2 is not compatible with 32-bit machines (x86 architecture). Upgrading a 32-bit Server machine to 7.2 will fail.

- If you have already run the upgrade and now your system is not working, you need to manually reinstall all ESMC components to the original version.
- If you want to upgrade, you need to migrate your current ESMC to a 64-bit machine, and after successful migration, you can run the upgrade task.

If you have an older unsupported database installed (MySQL 5.5 or MSSQL 2008), <u>upgrade</u> your database to a <u>compatible database version</u> before upgrading the ESMC Server.

Perform a full backup of ERA 6.5:

• **Database:** Follow <u>these instructions</u> to back up the ERA database.

- **Configuration:** Copy the Startupconfiguration.ini file, located at: C:\ProgramData\ESET\RemoteAdministrator\Server\EraServerAppli cationData
- **Certificates:** Export the <u>Certification Authorities</u> and <u>Peer Certificates</u>.
- Mobile Device Connector: If this component is used, copy the Startupconfiguration.ini located at: C:\ProgramData\ESET\RemoteAdministrator\MDMCore\EraServerAppl icationData\Configuration.

I use ERA version 6.0 - 6.4

The following steps will upgrade both ERA components (Server, Console) and the ESET Remote Administrator Agent(s) (ERA Agent). When upgrading to the latest version, your policies will be preserved. Update your ERA Server first. Select a few client machines to use as a test for the update and run the task on them (use at least one client from each system/bit category).

Upgrade ERA Server using the Components Upgrade task in the Web Console Components Upgrade task may take some time to complete

Please be patient during the Components Upgrade task process. It may take some time to complete. Do not restart your ERA Server until the task has completed.

Special characters may cause upgrade to fail

If you have met the requirements for upgrading and your upgrade to the latest version of ESET Security Management Center (ESMC) fails, it could be due to the use of special characters in your ERA password. To resolve this issue, <u>change your ERA password</u> and attempt the upgrade again.

- 1. <u>Open ESET Remote Administrator Web Console</u> (ERA Web Console) in your web browser and log in.
- Click Admin → Client Tasks → ESET Remote Administrator → Remote Administrator Components Upgrade and click New.

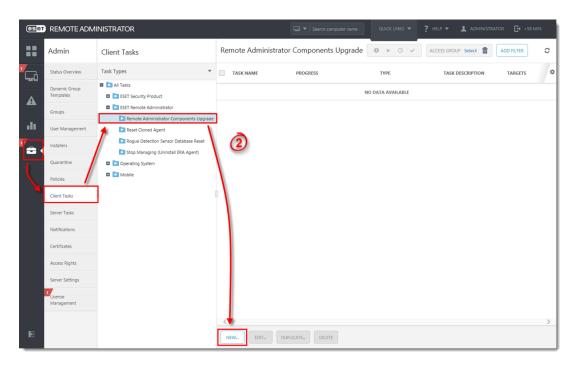


Figure 1-1

Click the image to view larger in new window

 In the Name field, type a name for your task. In the Task drop-down menu, verify that Remote Administrator Components Upgrade is selected.

eser	REMOTE ADMINISTRATOR		Search computer name	QUICK LINKS 🔻	? HELP 🔻		G + >59 MIN	
::	< BACK Client Tasks >	New Client Task - Basic						
-	- BASIC		asic					
A	NAME	Component Upgrade	3					
	DESCRIPTION		0					
.11	TASK CATEGORY	All Tasks	Y					
* = <	TASK	Remote Administrator Components Upgrade						
	+ TARGET							
	🔸 SETTINGS 🛕							
	★ SUMMARY							
Ð	FINISH MANDATORY SE	CANCEL						

Figure 1-2

Click the image to view larger in new window

 Expand the Settings section, select the check box next to I agree with application End User License Agreement and then click Choose server. We recommend that you also select the check box Automatically reboot when needed.

eser	REMOTE ADMINISTRATOR	Search computer name	QUICK LINKS 🔻	? HELP 🔻	G + >59 MIN
::	< BACK Client Tasks > New Client Task - Settings				
- 	BASIC				
A	+ TARGET				
.11	E SETTINGS A				
1	I agree with application End User License Agreement				
Ê	REMOTE ADMINISTRATOR COMPONENTS UPGRADE SETTINGS				
	REFERENCE REMOTE CHOOSE SERVER>				0
	Automatically reboot when needed				
	SUMMARY				
Ð	FINISH MANDATORY SETTINGS > CANCEL				

Figure 1-3

Click the image to view larger in new window

1. Select the ESMC Server you want to upgrade to and click **OK**.

Please select item							×
PRODUCT NAME	✓ VERSION	OS TYPE	OPERATING SYSTEMS	DESCRIPTION	LANGUAGE	CHANGELOG	EULA
ESET Security Management Center Server	7.	linux	CentOS, Debian, Ubuntu, Fedora,	ESET Security Management Cent	en_US	http://repository.eset.com/v1/com	http://repository.eset.com/
ESET Security Management Center Server	7.0.471.0	linux	CentOS, Debian, Ubuntu, Fedora,	ESET Security Management Cent	en_US	http://repository.eset.com/v1/com	http://repository.eset.com/
ESET Remote Administrator Server	6.5.417.0	linux	Fedora, Red Hat, Suse	ESET Remote Administrator	en_US	http://repository.eset.com/v1/com	http://repository.eset.com/
ONE ITEM SELECTED.						5	CX CMICL

Figure 1-4

Click the image to view larger in new window

- 1. Click Finish.
- Create a trigger and add the ERA Server computer as a target to execute the task.
 Do not add more target computers

Add only the computer where ERA Server is installed as a target. Do not add more

target computers at this point in the upgrade.

- 3. Wait a few minutes until all ESMC components installed on the server machine are upgraded. Apache Tomcat service can get turned off during the update. If the Web Console is unavailable after the update, open the services management (run services.msc) and **Start** the Apache Tomcat service.
- To verify that your server upgraded to ESET Security Management Center, check Programs and Features in the Control Panel. You will see ESET Security Management Center Server listed as a program if it has been upgraded.

Panel > Programs > Programs and Features	ٽ ~	Search Progran	ns and Features	Q
Uninstall or change a program				
To uninstall a program, select it from the	list and then click Uninst	tall Change or	Repair.	
to annistan a program, select it norm the		un, enunge, er	repuil	
Organize 🔻 Change		•		
Name	Publisher	Installed On	Size	Ver
📧 Amazon Corretto 8 (x64)	Amazon	10/25/2019	540 MB	1.8
🔪 Apache HTTP Proxy		10/25/2019		
ESET Management Agent	ESET, spol. s r.o.	10/25/2019	202 MB	7.1
😅 ESET Rogue Detection Sensor	ESET, spol. s r.o.	10/25/2019	59.7 MB	1.1
BSET Security Management Center Mo	ESET, spol, s r.o.	10/28/2019	218 MB	7,1
ESET Security Management Center Server	ESET, spol. s r.o.	10/25/2019	205 MB	7.1
Microsoft ODBC Driver 11 for SQL Server	Microsoft Corporation	10/25/2019	9.24 MB	12
📄 Microsoft SQL Server 2008 Setup Suppo	Microsoft Corporation	10/25/2019	77.9 MB	10
📄 Microsoft SQL Server 2012 Native Client	Microsoft Corporation	10/25/2019	14.4 MB	11
📄 Microsoft SQL Server 2014 (64-bit)	Microsoft Corporation	10/25/2019		
Microsoft SQL Server 2014 Setup (Englis	Microsoft Corporation	10/25/2019	80.1 MB	12
🚦 Microsoft SQL Server 2014 Transact-SQ	Microsoft Corporation	10/25/2019	10.6 MB	12
Microsoft Visual C++ 2008 Redistributa	Microsoft Corporation	2/19/2018	1.10 MB	9.0
📧 Microsoft Visual C++ 2008 Redistributa	Microsoft Corporation	2/19/2018	939 KB	9.0
Microsoft Visual C++ 2010 x64 Redistri	Microsoft Corporation	10/25/2019	27.6 MB	10
Microsoft Visual C++ 2010 x86 Redistri	Microsoft Corporation	10/25/2019	22.2 MB	10
	Microsoft Corporation	7/29/2019	23.7 MB	14
Microsoft Visual C++ 2017 Redistributa	Microsoft Corporation	7/29/2019	20.1 MB	14
<				2
	To uninstall a program, select it from the Organize ▼ Change Name ■ Amazon Corretto 8 (x64) ▲ Apache HTTP Proxy ③ ESET Management Agent ④ ESET Rogue Detection Sensor ④ ESET Security Management Center Mo ■ ESET Security Management Center Server ■ Microsoft ODBC Driver 11 for SQL Server ■ Microsoft SQL Server 2018 Setup Suppo ■ Microsoft SQL Server 2018 Valve Client ■ Microsoft SQL Server 2014 (64-bit) ■ Microsoft SQL Server 2014 Valve Client ■ Microsoft SQL Server 2014 Setup (Englis ■ Microsoft SQL Server 2014 Transact-SQ ■ Microsoft Visual C++ 2008 Redistributa ■ Microsoft Visual C++ 2010 x64 Redistri ■ Microsoft Visual C++ 2017 Redistributa ■ Microsoft Visual C++ 2017 Redistributa	To uninstall a program, select it from the list and then click Uninst Organize ▼ Change Name Publisher Amazon Corretto 8 (x64) Apache HTTP Proxy © ESET Management Agent ESET, spol. s r.o. ESET, spol. s r.o. ESET Security Management Center Mo ESET, spol. s r.o. ESET, spol. s r.o. Microsoft ODBC Driver 11 for SQL Server Microsoft SQL Server 2018 Native Client Microsoft SQL Server 2014 (64-bit) Microsoft SQL Server 2014 Ketup (Englis Microsoft SQL Server 2014 Transact-SQ Microsoft Visual C++ 2008 Redistributa Microsoft Visual C++ 2010 x64 Redistri Microsoft Visual C++ 2017 Redistributa Microsoft Visual C++ 2017 Redistributa Microsoft Corporation Microsoft Corporation Microsoft Corporation Microsoft Corporation Microsoft Corporation Microsoft Visual C++ 2017 Redistributa Microsoft Corporation Microsoft Corporation Micr	To uninstall a program, select it from the list and then click Uninstall, Change, or Organize ▼ Change Name Amazon Corretto 8 (x64) Apache HTTP Proxy © ESET Management Agent ESET, spol. s r.o. ESET, spol. s r.o. ESET, spol. s r.o. 10/25/2019 © ESET Security Management Center Mo ESET, spol. s r.o. 10/25/2019 © ESET Security Management Center Mo ESET, spol. s r.o. 10/25/2019 © Microsoft ODBC Driver 11 for SQL Server Microsoft Corporation Microsoft SQL Server 2012 Native Client Microsoft SQL Server 2014 (64-bit) Microsoft SQL Server 2014 Ketup (Englis Microsoft Corporation Microsoft Visual C++ 2008 Redistributa Microsoft Corporation Microsoft Visual C++ 2010 x64 Redistri Microsoft Corporation Microsoft Visual C++ 2017 Redistributa Microsoft Corporation Microsoft Corporation Microsoft Visual C++ 2017 Redistributa Microsoft Corporation Microsoft Visual C++ 2017 Re	To uninstall a program, select it from the list and then click Uninstall, Change, or Repair. Organize Change Name Installed On Size Amazon 10/25/2019 540 MB Apache HTTP Proxy 10/25/2019 202 MB ESET Management Agent ESET, spol. s r.o. 10/25/2019 202 MB ESET Security Management Center Mo ESET, spol. s r.o. 10/25/2019 218 MB ESET Security Management Center Server ESET, spol. s r.o. 10/25/2019 205 MB Microsoft ODBC Driver 11 for SQL Server Microsoft Corporation 10/25/2019 9.24 MB Microsoft SQL Server 2012 Native Client Microsoft Corporation 10/25/2019 14.4 MB Microsoft SQL Server 2014 Ketup (Englis Microsoft Corporation 10/25/2019 10.6 MB Microsoft Visual C++ 2008 Redistributa Microsoft Corporation 10/25/2019 10.6 MB Microsoft Visual C++ 2010 x64 Redistri Microsoft Corporation 10/25/2019 27.6 MB Microsoft Visual C++ 2010 x64 Redistri Microsoft Corporation 10/25/2019 27.6 MB Microsoft Visual C++ 2010 x64 Redistri Microsoft Corporation 10/25/2019 27.6 MB <

Figure 1-5

Upgrade ERA Agents on managed computers

When the task is finished on the ESMC Server machine, verify that the ESMC Server works properly. Wait an hour to see if any problems occur. Afterward, you can upgrade Agents on the managed computers using the Components Upgrade task and selecting the static group **All** as its target. See the <u>step-by-step guide</u>.

If you are running a larger network, with hundreds or more client computers:

ERA 6.x Proxy users

If you have ERA 6.5 Proxy installed, read the respective Knowledgebase articles before

upgrading other clients.

- Migrate from ERA Proxy (Windows) to Apache HTTP Proxy in ESMC 7
- Migrate from ERA Proxy (Linux or Virtual Appliance) to Apache HTTP Proxy in ESMC 7

Do not upgrade clients behind Proxy before you set up a suitable proxy solution.

1.

- Choose a sample of clients for a test update (include at least one client for each operating system/bit category) and run the task.
- 2. We recommend using <u>Apache HTTP Proxy</u> (or any other transparent web proxy with enabled caching) to limit network load. The test client machines will trigger the download/caching of the installers. When the task is run again, the installers will be distributed to client computers directly from the cache.
- After a successful test update, proceed with the rest of your clients. Alternatively, target the group to All. The upgrade is not performed on computers that have already been upgraded.

If the <u>Components Upgrade task</u> is not working properly, try upgrading Agents using Run Command Client task.

Alternative method: Upgrade ERA Agent(s) using Run Command Client task This is an alternative method recommended for advanced users or if the **Components Upgrade** task is unsuccessful.

- 1. Create a new Dynamic Group based on the operating system (32-bit or 64-bit).
 - For 32-bit systems:
 - Operation "AND"
 - Add rule OS edition > OS platform = (equal) 32-bit
 - Add rule OS edition > OS type contains Windows
 - For 64-bit systems:
 - Operation "AND"
 - Add rule OS edition > OS platform = (equal) 64-bit
 - Add rule OS edition > OS type contains Windows
- 2. Create a new Client Task for 32-bit systems.

ESMC Log File location:

The ESMC log file is accessible at: %TEMP%; for example: C:\Windows\Temp

See also log files location for all ESMC components in ESMC User Guide.

- 1. In the **Basic** section, select **Run Command** from the **Task** drop-down menu.
- 2. In the Settings section, in the Command line to run field, type: msiexec /qn /i "\\SERVER\readonlyshare\Agent_x86.msi" /l*v! %TEMP%\era-agent-upgrade.txt (replace server with your actual server name and readonlyshare with your share name).

• When using the installer package via HTTP:

```
msiexec /qn /i "http://SERVER/share/agent_x86.msi"
/l*v! %TEMP%\era-agent-upgrade.txt
msiexec /qn /i
"http://repository.eset.com/v1/com/eset/apps/business/
era/agent/v7/7.2.1266.0/agent_x86.msi" /l*v!
%TEMP%\era-agent-upgrade.txt
```

- 3. **Create Trigger** for this Client Task and in the **Targets** section, select the dynamic group for 32-bit operating systems created in Step 1.
- 3. Create a new Client Task for 64-bit systems.

"MainEngineThread is returning 1619" Error Message:

The installation package is damaged and cannot be opened. Deploy ESET Management Agent with a different installation package.

- 1. In the Basic section, select Run Command from the Task drop-down menu.
- In the Settings section, in the Command line to run field, type: msiexec /qn /i "\server\readonlyshare\Agent_x64.msi" /l*v! %TEMP%\era-agent-upgrade.txt (replace server with your actual server name and readonlyshare with share name).
 - When using installer package via HTTP:

```
msiexec /qn /i "http://SERVER/share/agent_x64.msi"
/l*v! %TEMP%\era-agent-upgrade.txt
```

```
msiexec /qn /i
"http://repository.eset.com/v1/com/eset/apps/business/
era/agent/v7/7.2.1266.0/agent_x64.msi" /l*v!
%TEMP%\era-agent-upgrade.txt
```

- 3. **Create Trigger** for this Client Task and in the **Targets** section, select the dynamic group for 64-bit operating systems created in Step 1.
- 4. To view client task details, click **Computers**, select the applicable client computer, click **Show Details** and then click **Installed Applications**.

There will be a brief period where two versions of Agent are running on a single client machine. This is only temporary. Create an <u>Outdated applications</u> report to monitor the status of client computers hourly.