ESET Tech Center

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Deploy the ESET Management Agent to a macOS or Linux client using Agent Live Installer (8.x -9.x)

Mitch | ESET Nederland - 2022-08-17 - Reacties (0) - ESET PROTECT

Issue

- When deploying the ESET Management Agent Live Installer to a macOS/Linux client, the package is distributed as a .tar.gz file
- Extract PROTECTAgentInstaller.tar.gz and install the ESET Management Agent
- Deploy ESET Management Agent to a macOS client
- Deploy ESET Management Agent to a Linux client

Solution

Deploy ESET Management Agent to a macOS client

Peer certificates and Certification Authority that are created during the installation are by default contained in the Static Group All.

1. <u>Open the ESET PROTECT Web Console</u> in your web browser and log in.

2. Click **Quick links** → **Deploy Agent**.



Figure 1-1

3. Select **macOS**. You can deselect the check box next to **Participate in product improvement program** if you do not agree to send crash reports and telemetry data to ESET. Configure other settings such as **Parent group**, **Server hostname**, **Port** number (default is 2222), **Peer Certificate**, and **Certificate passphrase** if needed. Optionally, click **Customize more settings** to view more options. Click **Save & Download**.

Create Installer	nast
	Jen Ten Ten Ten Ten Ten Ten Ten Ten Ten T
Basic	Windows Eaco
	Distribution Deploy Agent first (Agent script installer) Components Management Agent Product improvement program Recommended
	Parent group Select or Create Server hostname (optional) ③ protectlocal X
	Port 2222 A ♥ Peer certificate
	ESEI PROTECT certificate ESET PROTECT certificate Description Agent certificate, Issuer CN=Server Certification AuthorityC=US, Subject CN=Agent at ",C=US, Subject
	Product Agent, Valid from Wed Jun 29 2022, Valid to Wed Jun 30 2032. Certificate passphrase ③
	Customize more settings V BACK CONTINUE SAVE & DOWNLOAD CANCEL

Figure 1-2

4. Distribute the Live Installer file to your Apple client using email or a shared network folder. Download the file to the Desktop on your client.

5. After you have downloaded the file to the client, double-click **PROTECTAgentinstaller.tar.gz** to extract the file. **PROTECTAgentinstaller.sh** will be extracted to your Desktop.

6. Click $Go \rightarrow Utilities$ and then double-click **Terminal** to open a new Terminal window.

•••	< > Utilities	i≡ ≎ 😳 × 🖒 ⊘	
Favorites	Name	Date Modified S	ize Kind
🙏 Applications	🔟 Audio MIDI Setup	Jan 1, 2020 at 12:00 AM	10.1 MB Appl
Downloads	🔋 Bluetooth File Exchange	Jan 1, 2020 at 12:00 AM	3.1 MB Appli
	🚵 Boot Camp Assistant	Jan 1, 2020 at 12:00 AM	5.6 MB Appli
Documents	🛐 ColorSync Utility	Jan 1, 2020 at 12:00 AM	6.7 MB Appli
Recents	🚍 Console	Jan 1, 2020 at 12:00 AM	2.7 MB Appli
	💋 Digital Color Meter	Jan 1, 2020 at 12:00 AM	1.5 MB Appli
Desktop	🕒 Disk Utility	Jan 1, 2020 at 12:00 AM	8.4 MB Appli
🧑 AirDrop	💴 Feedback Assistant	Nov 11, 2020 at 12:28 PM	64 bytes Alias
🔂 eset	🜏 Grapher	Jan 1, 2020 at 12:00 AM	13.3 MB Appli
	🔚 Keychain Access	Jan 1, 2020 at 12:00 AM	5.8 MB Appli
Locations	愼 Migration Assistant	Jan 1, 2020 at 12:00 AM	1.4 MB Appli
□ MBP-touch	Screenshot	Jan 1, 2020 at 12:00 AM	479 KB Appli
	J Script Editor	Jan 1, 2020 at 12:00 AM	3.3 MB Appli
⊖ PatriotU ≜	System Information	Jan 1, 2020 at 12:00 AM	107.3 MB Appli
Network	Terminal	Jan 1, 2020 at 12:00 AM	10.7 MB Appl
	VoiceOver Utility	Jan 1, 2020 at 12:00 AM	15.9 MB Appli
Tags			
Blue	Macintosh HD > Applications >	Tutilities	

Figure 1-3

7. In your new Terminal window, type the following commands in this order:

cd Desktop

PROTECTAgentinstaller.sh

Users of macOS Sierra and later need to use root access

If you are using macOS Sierra and later, run the command:

sudo bash PROTECTAgentinstaller.sh

instead of:

bash PROTECTAgentinstaller.sh

8. When you are prompted for your password, type the password for your user account. Though characters will not appear, your password will be entered. Press **Return** when you are finished to continue the installation.

9. Click $Go \rightarrow Utilities$ and then double-click Activity Monitor. Click the Energy tab and locate the process called ERAAgent to verify that the Agent is running. You can now manage this client computer using ESET PROTECT.

• •	A A	ctivity Monitor tive Processes	\otimes	í) v	CPU Mem	ory Energy D	isk Network	Q Search
	Proc	ess Name	 Energy 	Impact	App Nap	Graphics Card	Preventing Sle	User
5.0	Activity N	fonitor		1.9	No	No	No	eset
	configd			0.1	No	No	No	root
2	Control C	enter		0.1	No	No	No	eset
	ERAAgen	t		0.3	No	No	No	root
	ESET End	point Security		0.6	No	No	No	eset
e	ESET End	point Security		0.3	No	No	No	eset
	esets_da	emon		0.1	No	No	No	root
	kernel_ta	sk		0.0	No	No	No	root
	launchd			0.3	No	No	No	root
	launchse	rvicesd		0.1	No	No	No	root
	powerd			0.1	No	No	No	root
	sysmond			1.3	No	No	No	root
	systemst	ats		0.1	No	No	No	root
	TeamView	ver_Desktop		0.3	No	No	No	eset
	WindowS	erver		5.1	No	No	Yes	_windowserver
			ENERGY IMPA	от	Graphics Card:	Integrated	BATTERY (Last 12 h	ours)
					Remaining charge	: 100%		
					Battery Is Charge	d		
				m	Time on AC:	1:00		

Figure 1-4

Alternatively, depending on your version of macOS, click **CPU** and locate the process called **ERAAgent** to verify that the Agent is running. You can now manage this client computer using ESET PROTECT.

•	Activity Monitor All Processes		〕	CPU or	y Energy Disk	Network				
	Process Name	% CPU	CPU Time	Threads	Idle Wake-Ups	% GPU	GPU Time		User	
	taskgated	U	i,0 0,24		U	0,0	0,00	130	root	
	cfprefsd	c	,2 22,05		0	0,0	0,00	135	root	
	amfid		1,1 2,47		0	0,0	0,00	133	root	
	AirPlayXPCHelper	(0,1 15,77			0,0	0,00	132	root	
	corebrightnessd	c	,0 1,87		0	0,0	0,00	131	root	
	sandboxd	c	0,0 16,50			0,0	0,00	130	root	
	notifyd	(),1 36,64		0	0,0	0,00	129	root	
	bluetoothd	c	0,0 2,62		٥	0,0	0,00	128	root	
	KernelEventAgent	c	0,0 0,12		0	0,0	0,00	126	root	
	revisiond	c	0,0 0,48		0	0,0	0,00	125	root	
	logind	C	0,0 0,59		0	0,0	0,00	124	root	
	ERAAgent	3	,2 2:43,99	24	15	0,0	0,00	123	root	
	vmware-tools-daemon	C	,8 2:05,51	4	6	0,0	0,00	122	root	
	AppleCredentialManagerDae	_ 0	0,0 0,41		0	0,0	0,00	119	root	
	distnoted	c	0,0 0,81		0	0,0	0,00	118	_distnote	
	dasd	C	,3 13,76		0	0,0	0,00	116	root	
	displaypolicyd	c	0,0 0,52		0	0,0	0,00	115	_displaypolicyc	. 1
	autofsd	c	0,0 0,07		0	0,0	0,00	114	root	
	locationd	c	,0 3,69	2	0	0,0	0,00	112	_locationd	
		Sustem		c	PULOAD	Threade:	1 428			
		User:	39.71%			Processes:	392			
		Idle:	6,76%							
		Mail								



10. If you are performing a new endpoint installation from ESET PROTECT, <u>deploy ESET endpoint products to</u> <u>your client computers</u>.

Deploy ESET Management Agent to a Linux client

1. <u>Open the ESET PROTECT Web Console</u> in your web browser and log in.

2. Click **Quick links** \rightarrow **Deploy Agent**.





3. Select Linux. You can deselect the check box next to **Participate in product improvement program** if you do not agree to send crash reports and telemetry data to ESET. Configure other settings such as **Parent group**, **Server hostname**, **Port** number (default is 2222), **Peer Certificate**, and **Certificate passphrase** if needed. Optionally, click **Customize more settings** to view more options. Click **Save & Download**.

Create Installer	at the second
Basic	Windows macOS
	Distribution
	O Deploy Agent first (Agent script installer)
	Components
	Management Agent
	Product improvement program Recommended
r	Participate in product improvement program ⑦
	Select or Greate
	Server hostname (optional) ③
	protect.local X
	• Port
	2222
	Peer certificate
	ESET PROTECT certificate
	Custom certificate
	ESET PROTECT certificate
	Description Agent certificate, Issuer CN=Server Certification Authonity:C=US; Subject CN=Agent at "C=US; Product Agent, Valid from Wed Jun 29 202, Valid tom Wed Jun 30 2032.
	Certificate passphrase 💮
	Customize more settings 🗸
	BACK CONTINUE SAVE & DOWNLOAD CANCEL

Figure 2-2

4. Distribute the Live Installer file to your Linux client using email or a shared network folder. Download the file to the Desktop on your client.

5. After you have downloaded the file to the client, double-click **PROTECTAgentinstaller.tar.gz** to extract the file. **PROTECTAgentinstaller.sh** will be extracted to your Desktop. If you prefer to extract through a terminal, type the following command:

tar -xvzf PROTECTAgentInstaller.tar.gz





6. In the Terminal window, type the following commands to run the install script:

cd Desktop/

sudo ./PROTECTAgentInstaller.sh

FI a	admin1@Ubuntu2004: ~/Desktop	Q =		×
admin1@Ubuntu2004:~{ cd Des admin1@Ubuntu2004:~/Desktop PROTECTAgentInstaller.sh admin1@Ubuntu2004:~/Desktop	ktop/ \$ tar -xvzf PROTECTAgentInstalle	er.sh b		



7. Type the password for your user account. Characters will not appear in the password field, but the password will still be entered. Press **Enter** on your keyboard when you are finished to continue the installation.

8. In the Terminal window, to verify that the Agent is running, run the following command:



F	admin1@Ubu	ntu2004: ~/Desktop	Q				×
up/installer_backup.sh File ownership set to: root Setting auto-start service. Removed /etc/systemd/system Created symlink /etc/system etc/systemd/system/eraagent Skipping SELinux policy ins Service started. Product installed	:root /multi-user. d/system/mul .service. tallation.	target.wants/era ti-user.target.w	aagent.s wants/er	ervic aagen	e. t.serv	/ice	→ /
admin1@Ubuntu2004:~/Desktop eraagent.service - ESET M Loaded: loaded (/etc/s Active: active (runnin Process: 7194 ExecStart Main PID: 7195 (ERAAgent Tasks: 22 (limit: 465 Memory: 23.1M CGroup: /system.slice/ 7195 /opt/es	<pre>\$ systemctl anagement Ag ystemd/syste g) since Fri =/opt/eset/F) 2) eraagent.ser et/RemoteAdm</pre>	status eraagent gent em/eraagent.servi 2021-07-23 14:0 RemoteAdministrat rvice ninistrator/Agent	ice; ena 05:12 PC tor/Ager t/ERAAge	bled;)T; 1m)t/ERA	vendo in 21s Agent daemor	or pr s ago da	es> em> id>
Jul 23 14:05:12 Ubuntu2004 Jul 23 14:05:12 Ubuntu2004 Jul 23 14:05:12 Ubuntu2004 lines 1-13/13 (END)	systemd[1]: systemd[1]: systemd[1]:	Starting ESET Ma eraagent.service Started ESET Mar	anagemer e: Can't nagement	it Age : open : Agen	nt PID f t.	file	/r <mark>≥</mark>

Figure 2-5

9. You can now manage the client computer using ESET PROTECT. If you are performing a new endpoint installation from ESET PROTECT, <u>deploy ESET endpoint products to your client computers</u>.