

ZotDefend Linux Instructions

ZotDefend Linux Installation (School of Physical Sciences ONLY)

[Trellix HX Agent](#)

Trellix Installation Instructions

The .tgz package (Linux) includes the following files:
HX Client Software (tgz bundle)

1. Agent .rpm files.
2. Agent .deb files.
3. Agent .run file (xagtSetup_xx.x.x.run).
4. Agent configuration file (agent_config.json). It is critical that you import the configuration file following install to insure that the agent properly communicates with the server.

Supported Linux operations system versions:

Linux OS	Version	File Type	Software Installation File
Ubuntu	Ubuntu 12.04 and 14.04	.deb	xagt_34.x.x-1.ubuntu12_amd64.deb
	Ubuntu 16.04 and 18.04, 19.04, 20.04	.deb	xagt_34.x.x-1.ubuntu16_amd64.deb
RHEL	RHEL 6.8, 6.9, and 6.10	.rpm	xagt-34.x.x-1.el6.x86_64.rpm
	RHEL 7.2, 7.3, 7.4, 7.5, 8+ 7.6, and 8 (64-bit)	.rpm	xagt-34.x.x-1.el7.x86_64.rpm
CentOS	CentOS 6.8, 6.9, and 6.10	.rpm	xagt-34.x.x-1.el6.x86_64.rpm
	CentOS 7.2, 7.3, 7.4, 7.5, and 7.6, and 8 (64-bit)	.rpm	xagt-34.x.x-1.el7.x86_64.rpm
Amazon	Amazon Linux AMI 2018.3, AM2	.rpm	xagt-34.x.x-1.el7.x86_64.rpm
SUSE	SUSE 11.4	.rpm	xagt-34.x.x-1.sle11.x86_64.rpm
	SUSE 12.2, 12.3, and 15	.rpm	xagt-34.x.x-1.sle12.x86_64.rpm
Oracle	Linux 6.10, 7.6		

Example: Installing on Ubuntu OS using .deb file

Open a Terminal session on the Linux endpoint that has the agent installation .tgz package.

```
username@localhost:~/Desktop/FireEyeInstallDirectory$
```

Use the `ls` command to verify that the `IMAGE_HX_AGENT_LINUX_33.46.0.tgz` file has been exists in the install directory.

Use the `tar xzf` command to unzip and extract the files from the Linux agent

Use the `dpkg`, medium-level package manager for Debian and the `-i` option to run the .deb script and install the agent software on your Linux endpoint. You must have `sudo` access.

```
username@localhost:~/Desktop/FireEye$ sudo dpkg -i xagt-  
.ubuntu12_amd64.deb33.46.0
```

After the .deb installation script is complete, use the `i` option to import the agent configuration file from the `/opt/fireeye/bin/xagt` binary path:

```
username@localhost:~/Desktop/FireEyeInstallDirectory$ sudo /opt/fireeye/bin/xagt -  
i agent_config.json
```

Start the agent services on your Linux endpoint using the following command:

```
username@localhost:~/Desktop/ FireEyeInstallDirectory$ sudo systemctl enable --now  
xagt
```

Nessus Tenable Agent Installation Instructions

1. Make sure outbound traffic from port 443 to `nessus.oit.uci.edu` is allowed through your firewall.
2. Install the Tenable agent with your package manager from the link above.
3. Contact pscsg@uci.edu to get the tenable key.
4. Run as root or with sudo: `/opt/nessus_agent/sbin/nessuscli agent link --host=nessus.oit.uci.edu --port=443 --key=KEY_PROVIDED_BY_PSCSG`

Duo Desktop Downloads:

- **Linux .deb Package (Debian Based eg Ubuntu)**

<https://desktop.pkg.duosecurity.com/duo-desktop-latest.amd64.deb>

- **Linux .rpm Package (RHEL based)** https://desktop.pkg.duosecurity.com/duo-desktop-latest.x86_64.rpm

Duo Desktop Agent Installation Instructions

1. Download the appropriate package for your distribution from the above link.
2. Install the package.
3. Enable the service. Eg on systemd distributions, run

```
sudo systemctl enable --now duo-desktop
```

4. Check to make sure the duo-desktop service is running. Eg. on systemd distributions, run

```
sudo systemctl status duo-desktop
```

5. If you get SELinux erros relating to .NET services, it's most likely Duo Desktop. Create an exception via:

```
ausearch -c '.NET TP Worker' --raw | audit2allow -M my-NETTPWorker  
semodule -X 300 -i my-NETTPWorker.pp
```

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