

How to enroll Linux devices to Endpoint Manager

- This article explains how to add Linux devices to Endpoint Manager.
- Once added, you can remotely deploy configuration profiles for various device settings and implement antivirus protection.

Supported Linux Versions:


- Ubuntu 19.x
- Ubuntu 18.x
- Ubuntu 16.x
- Cent OS 7.x
- Debian 8.8.x
- Red Hat Enterprise 7

Enrollment involves the following steps:

- [Enroll user devices to Endpoint Manager](#) - Create an installation package then send an email to users with a link to install the package.
- [Install the package on the device](#) - User clicks the link in the mail to install the package on the device.

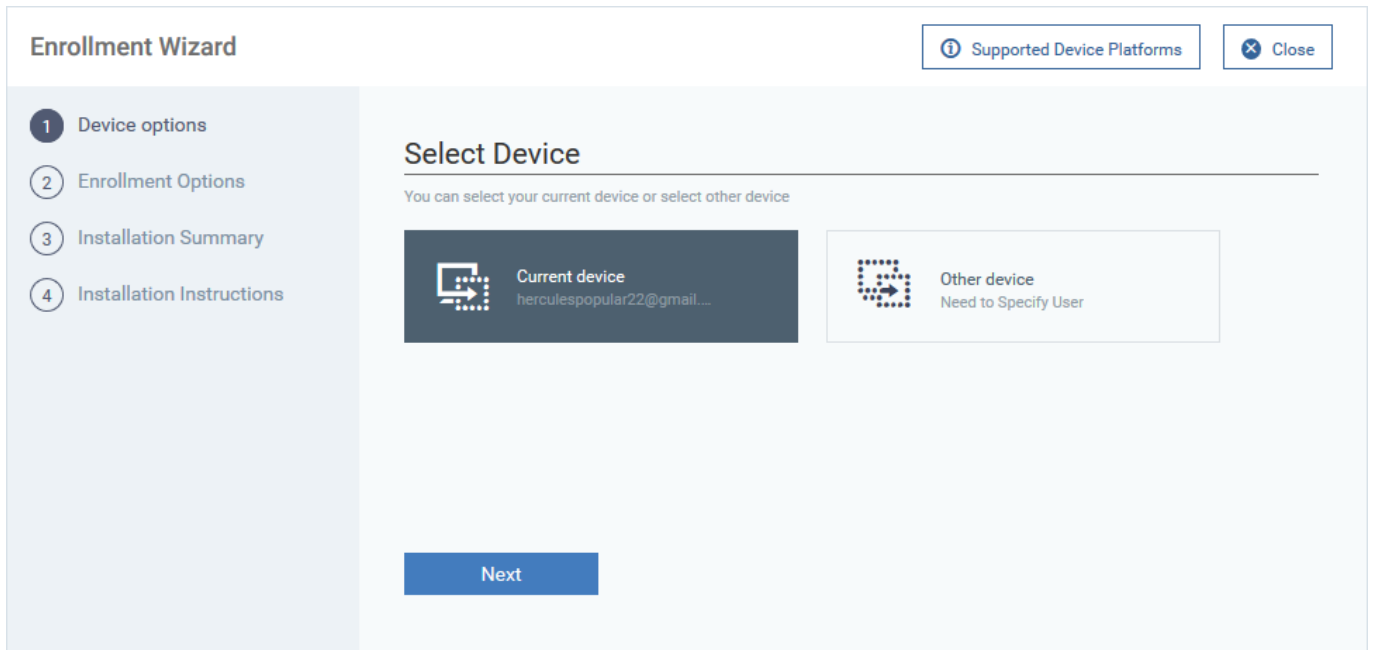
Note - You need to add users (device owners) before you can enroll their devices. Please see [this wiki](#) if you have not yet added users:

Enroll user devices to Endpoint Manager

- Login to Xcitium
 - Click 'Applications' > 'Endpoint Manager'
 - Click 'Users' > 'User List' on the left
 - Select the users whose devices you want to add
 - Click the 'Enroll Device' button
- OR
- Click the 'Add' button  then select 'Enroll Device'.

The device enrollment wizard starts:

Step 1 – Device Options



Select Device

- Choose 'Other device'

Specify User

- Any users you selected earlier are listed in the 'Specify User' box
- You can add additional, existing users by simply typing their email address in the box. Endpoint Manager will auto-suggest users that have already been created.
- **Create New User** – Click if you want to add a new user to Endpoint Manager. You cannot add devices unless you have first added the users that own them. The add-user process is explained [here](#).
- Click 'Next' to proceed to step 2.


Step 2 – Enrollment options:


Enrollment Wizard


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Select Operating System of The Device



 Windows


 Linux


 macOS



 iOS



 Android


 Not Specified

Select Enrollment Type

Notice, Enroll and Protect require device reboot and Enroll doesn't require.


 Enroll and Protect
Recommended


 Just Enroll

Choose platform

Ubuntu/Debian (Hybrid Package)

Device Name Options

Change the Device Name if you need to see it on a different name in the Device List. In case a device group is enrolled, devices will have the same Device Name. You always can restore an original device name in the way: Devices - Device List - [Device] - Device Name - Edit.

Do Not Change
 Change

New Device Name...

Back
Next

Select Operating System of the Device

- Choose 'Linux'

Select Enrollment Type

EM uses two clients:

- **Communication Client (CC)** - Connects the device to Endpoint Manager for central management. It is mandatory to install this client.
- **Xcitium Client - Security (CCS)** - This is the security software. Depending on the operating system, it includes antivirus, firewall, threat-containment, web-filtering, and more. It is optional to install this client.

- Choose whether you want to only install CC, or both CC and CCS.
 - **Enroll and Protect** - Installs both CC and CCS.
 - **Just Enroll** - Installs only the communication client (CC). You can remotely install CCS at a later time.

Choose platform

- Select the Linux version on the target devices. The options are:
 - Ubuntu / Debian (Hybrid package)
 - RHEL / CentOS (Hybrid package)

'Hybrid' just means the package is suitable for either OS.

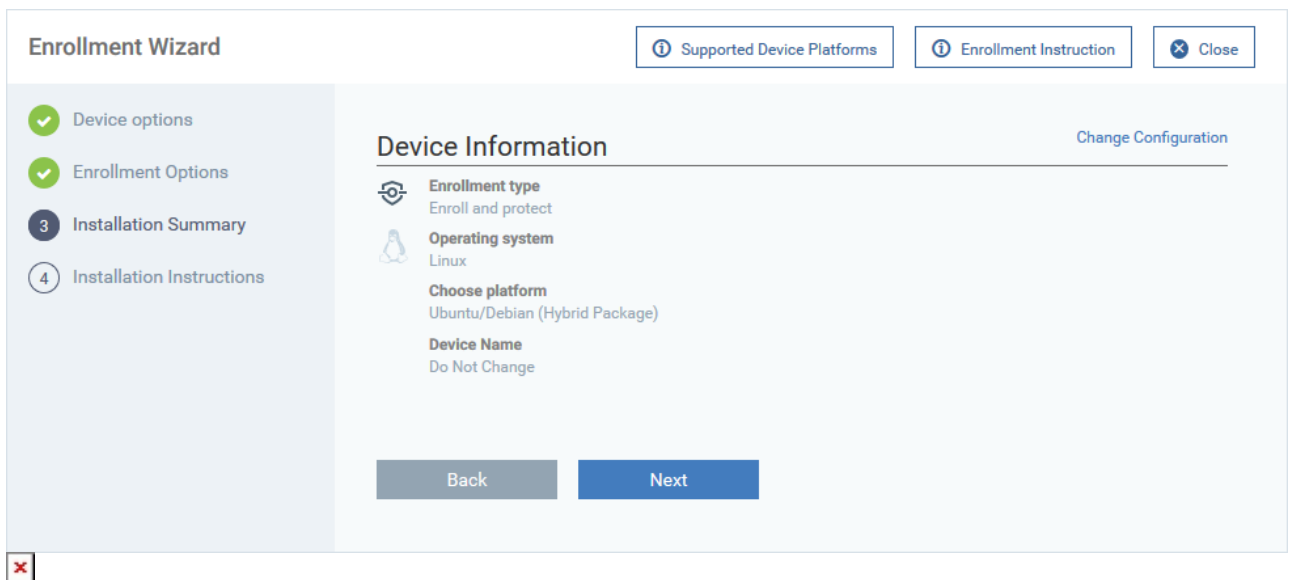
Device Name Options

- **Do Not Change** - The device's existing name is used to identify it in the Endpoint Manager.
- **Change** - Enter a new device name.

Click 'Next' to proceed to step 3

Step 3 - Installation Summary

- Review your choices so far:



- Click 'Back' or 'Change Configuration' (top-right) to revise your choices.

- Click 'Next' to proceed to step 4

Step 4 - Installation Instructions

The final step is to send the enrollment emails to the device owners:

Enrollment Wizard

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- Device options
- Enrollment Options
- Installation Summary
- 4 Installation Instructions**


Enrollment Link


To complete the user device enrollment, copy and send this link to user.

<https://frontfork-msp.dmdemo.comodo.com/enroll/device/by/token/ae275b36798532f4305d3k>

Send To Email

What's next?


 Enroll Another Device

 Go to Bulk Installation Package

Back **Finish**

- **Send To Email** - Click to send enrollment mails to users with the settings you choose in steps 1, 2 and 3.

Email Sent

 Instruction email has been sent to selected user successful!

OK

- Click 'OK' to exit the wizard

An example email is shown below:



Welcome to Endpoint Manager!

You are receiving this mail because your administrator wishes to enroll your Linux device into the Endpoint Manager system. Doing so will make it easier and more secure to connect your personal devices to company networks. This mail explains how you can complete the enrollment process in a few short steps.

Note:

- Make sure that you selected the operating system of the device that you want to enroll. This product allows the system administrator to collect device and application data, add/remove accounts and restrictions, list, install and manage apps, and remotely erase data on your device.

Device Enrollment:

[Click this link to enroll your device](#)

Sincerely, Endpoint Manager team.

Install the client package

- Users must open the mail on the endpoint itself.

Download and install the client

- Open the mail on the target device and click the enrollment link. This starts the setup wizard.
- Click the 'Download Linux Installer' button and save the file:



Welcome to Enrollment Wizard

In order to complete the connection of your device, follow the instruction below

Installer

[Download Linux Installer](#)

Installation Instruction



Step 1

Run installer of Communication Client after download complete

```
$ chmod +x {$installation file$}
```



Step 2

Your device will be enrolled and appears in Device List

```
$ sudo ./{$installation file$}
```

You can install the communication client by completing the following:

1. Change installer mode to executable - enter the following command:

```
$ chmod +x {$installation file$}
```

2. Run installer with root privileges - enter the following command:

```
$ sudo ./{$installation file$}
```

For example:

```
chmod +x itsm_cTjIw6gG_installer.run
```

```
sudo./itsm_cTjIw6gG_installer.run
```

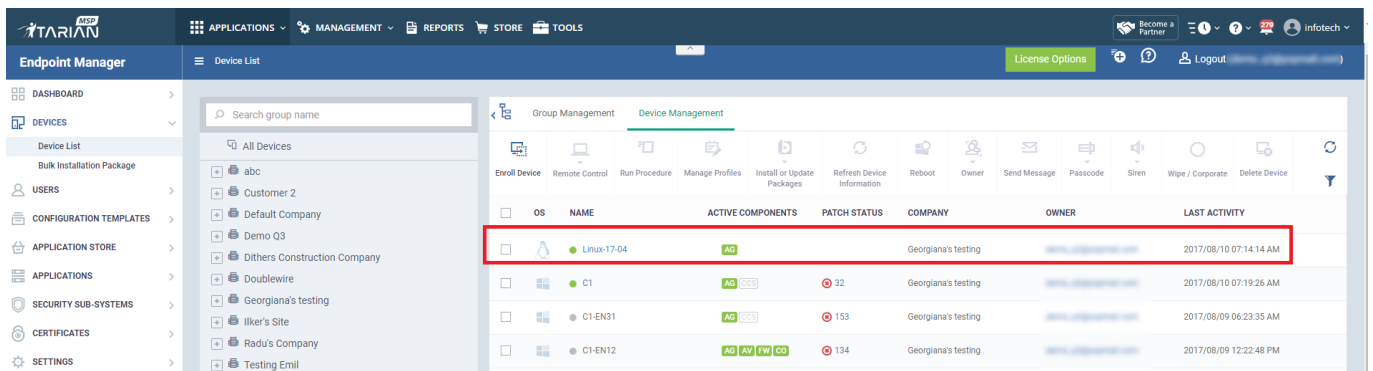
```

c1@c1-VirtualBox: ~/Downloads
c1@c1-VirtualBox:~$ ls
Desktop    Downloads      km-0409.ini  Pictures    Templates
Documents  examples.desktop  Music        Public      Videos
c1@c1-VirtualBox:~$ cd Downloads/
c1@c1-VirtualBox:~/Downloads$ ls
itsm_cTjIw6gG_installer.run
c1@c1-VirtualBox:~/Downloads$ chmod +x itsm_cTjIw6gG_installer.run
c1@c1-VirtualBox:~/Downloads$ sudo ./itsm_cTjIw6gG_installer.run
[sudo] password for c1:
Verifying archive integrity... All good.
Uncompressing Linux ITSM Agent 100%
systemd system
cTjIw6gG
Created symlink from /etc/systemd/system/multi-user.target.wants/itsm.service to
/etc/systemd/system/itsm.service.
Your device is now enrolled!
Service started
c1@c1-VirtualBox:~/Downloads$

```

- After installation, the communication client will connect to the Endpoint Manager and enroll the device. Xcitium Client Security (CCS) will also be installed if you included it in the [setup process](#). If not, you can remotely install CCS later, after device enrollment. See [this wiki](#) if you need help to install CCS on the device.
- Any Endpoint Manager profiles assigned to the user will now be applied to the device.
- If no profiles are assigned to the user, then the default Linux profiles are applied to the device.

The device can now be remotely managed from the EM console.



- Click the funnel icon on the right if you want to filter the device list.