Manage RedHat (Preview) and Ubuntu LTS desktops with Microsoft Intune

System requirements

Microsoft Intune enrollment and Microsoft Entra conditional access is supported on devices with:

- Ubuntu Desktop 22.04 or 20.04 LTS (physical or Hyper-V machine with x86/64 CPUs)
- RedHat 9 and 8
- A GNOME graphical desktop environment (automatically included with Ubuntu Desktop 22.04 and 20.04 LTS and RedHat 9 and 8)

Linux devices enrolled with Microsoft Intune are considered corporate-owned devices. Device enrollment isn't supported with personal devices.

We recommend enabling encryption when you first install Linux on your device. Your organization may require your device to be encrypted, and it's easiest to encrypt the device during OS installation.

For help setting up your Linux distribution, refer to vendor documentation.

Steps to enroll a device

1. Make sure Microsoft Edge is downloaded on the device. The Edge browser is used to access your organization's websites and other online resources (download [here](#))
2. Download the Microsoft Intune agent to the device (download [here](#)). For instructions on how to use, install, and configure Linux software packages for Microsoft products, see [Linux Software Repository for Microsoft Products](#).
   a. For RedHat devices, use the following command to install the Intune agent, then reboot your device:
      ```
      sudo dnf install intune-portal
      ```
   b. For Ubuntu devices, use the following commands, then reboot your device:
      ```
      sudo apt update
      sudo apt install intune-portal
      ```
3. Open the Microsoft Intune app.

4. Sign in with your work or school account.
5. Review the pre-enrollment screens. Then select Next to begin enrollment.
6. Wait a few minutes while the Intune app enrolls your device.
7. If instructed to, update the settings on your device to meet your organization's security requirements.
8. An on-screen confirmation appears when your device is enrolled and ready-to-use for work. You can begin using your device for work right away.
9. Sign in to Microsoft Edge with your work or school account to access your org's internal websites.

If your device meets your organization's requirements, it will continue to have work access. Your organization may limit access if the Intune app flags your device as noncompliant. You can view and resolve all compliance issues in the Microsoft Intune app. For more information, see Check status on Linux devices.

Note: *Installing Intune on WSL2 is not currently a supported scenario.*

Updating the Intune app

The Microsoft Intune app automatically updates when updates become available in Software Updater.

Run these commands to update the Microsoft Intune app manually:

Ubuntu:

1. Update the package repo and metadata, which includes intune-portal, msft-broker, and msft edge:
   ```
   sudo apt update
   ```

2. Upgrade the packages and clean up dependencies:
   ```
   sudo apt-get dist-upgrade
   ```

Red Hat:

Run the following command:

```
sudo dnf upgrade intune-portal
```

Uninstalling the Intune app

To remove the Intune app from the device, follow the below instructions.

Ubuntu:

```
sudo apt update

sudo apt purge intune-portal
```

Red Hat

```
sudo dnf remove intune-portal
```

Providing feedback

Thank you for participating in the Microsoft private preview for RedHat desktop support. For feedback or issues, please reach out to **linux-sso-feedback@microsoft.com.**