

# Onboard devices

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## Configure Device discovery

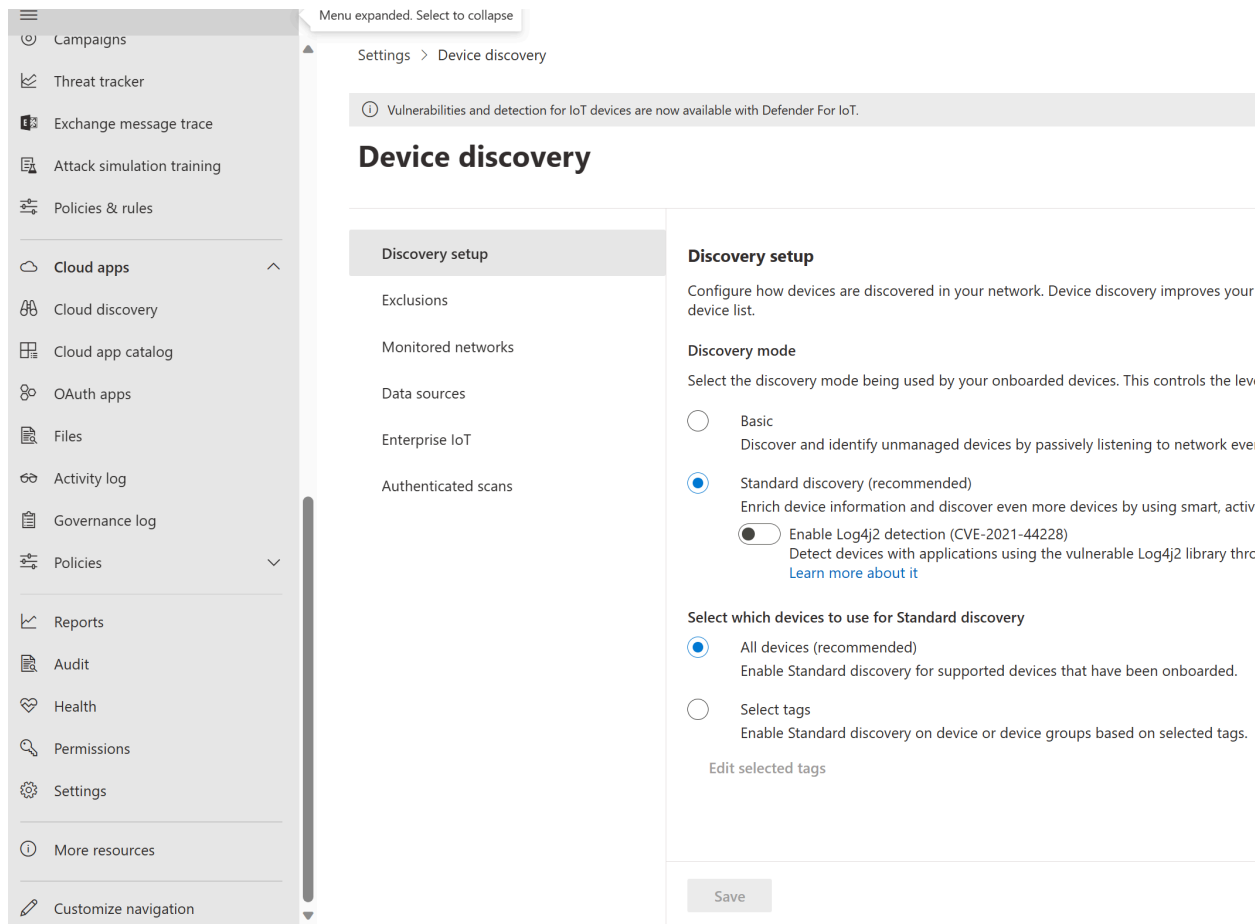
When accessing your Microsoft Defender portal settings for Endpoints for the first time, the first step is to configure Device discovery. You must be a global administrator or security administrator for the tenant.

1. On the **Microsoft Defender XDR** portal, from the navigation menu, select **Settings** from the left.
2. In the Settings menu page, select Device discovery.

Note: If you do not see the **Device discovery** option under **Settings**, logout by selecting the top-right circle with your account initials and select **Sign out**. Other options that you might want to try is to refresh the page with Ctrl+F5 or open the page InPrivate. Login again with the **Tenant Email** credentials.

3. In Discovery setup, make sure **Standard discovery (recommended)** is selected.

Tip: If you do not see the option, refresh the page.



## Onboard devices

You need to go to the onboarding section of the Microsoft Defender portal to onboard any of the supported devices. Depending on the device, you are guided with appropriate steps and provided management and deployment tool options suitable for the device.

In general, to onboard devices to the service:

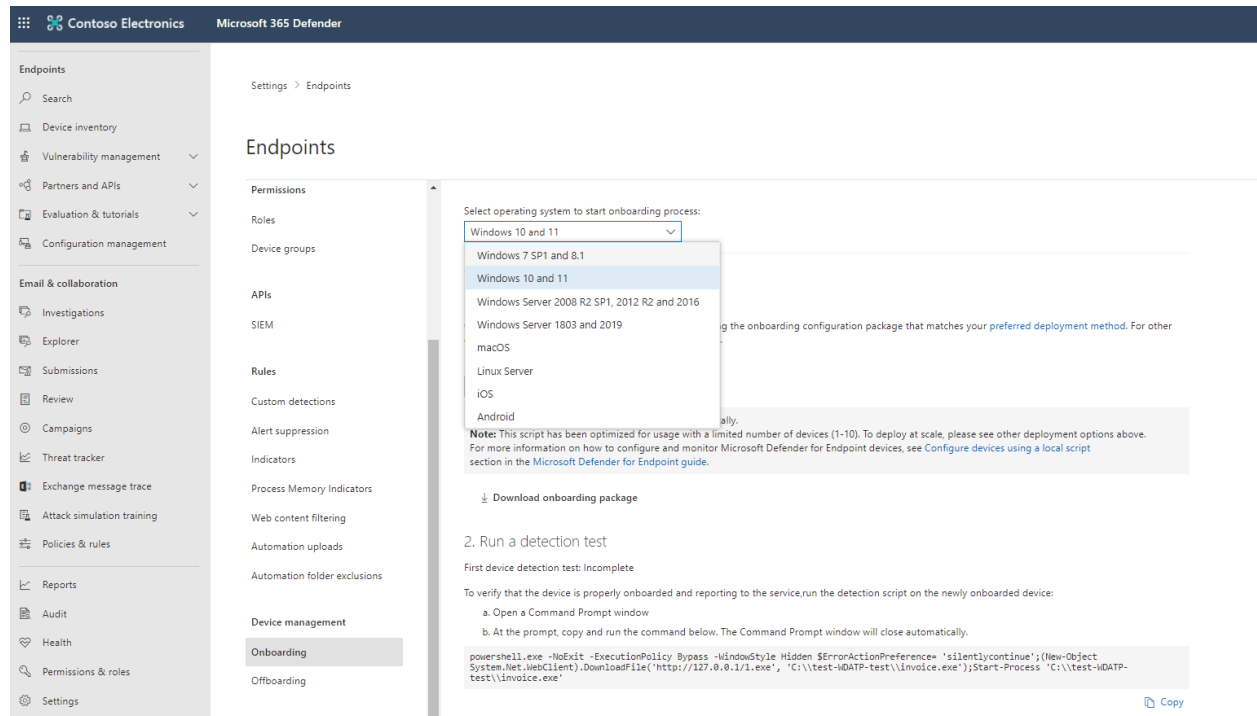
- Verify that the device fulfills the minimum requirements
- Depending on the device, follow the configuration steps provided in the onboarding section of the Microsoft Defender portal
- Use the appropriate management tool and deployment method for your devices
- Run a detection test to verify that the devices are properly onboarded and reporting to the service

# Interactive Lab Simulation

Note: Select the thumbnail image to start the lab simulation. When you're done, be sure to return to this page so you can continue learning.



In Settings, Endpoints, Device management, Onboarding select operating system dropdown to see the supported options.



After you select the appropriate operating system option, the supported deployment options are outlined. Here's a list of the Windows 10 supported deployment options:

- Group Policy
- Microsoft Endpoint Configuration Manager current branch and later
- Mobile Device Management (including Microsoft Intune)
- Local script (for up to 10 devices)
- VDI onboarding script for non-persistent devices
- System Center Configuration Manager 2012 / 2012 R2 / 1511 /1602

Microsoft 365 Defender

Endpoints

Settings > Endpoints

Endpoints

Permissions

Roles

Device groups

APIs

SIEM

Rules

Custom detections

Alert suppression

Indicators

Process Memory Indicators

Web content filtering

Automation uploads

Automation folder exclusions

Device management

Onboarding

Offboarding

Select operating system to start onboarding process:

Windows 10 and 11

1. Onboard a device

First device onboarded: Incomplete

Onboard devices to Microsoft Defender for Endpoint using the onboarding configuration package that matches your [preferred deployment method](#). For other device preparation instructions, read [Onboard and set up](#).

Deployment method

Local Script (for up to 10 devices)

Local Script (for up to 10 devices)

Group Policy

Microsoft Endpoint Configuration Manager current branch and later

System Center Configuration Manager 2012 / 2012 R2 / 1511 / 1602

Mobile Device Management / Microsoft Intune

VDI onboarding scripts for non-persistent devices

Z. Run a detection test

First device detection test: Incomplete

To verify that the device is properly onboarded and reporting to the service, run the detection script on the newly onboarded device:

a. Open a Command Prompt window

b. At the prompt, copy and run the command below. The Command Prompt window will close automatically.

```
powershell.exe -NoExit -ExecutionPolicy Bypass -WindowStyle Hidden $ErrorActionPreference = 'silentlycontinue';(New-Object System.Net.WebClient).DownloadFile('http://127.0.0.1/1.exe', 'C:\test-MDATP-test\invoice.exe');Start-Process 'C:\test-MDATP-test\invoice.exe'
```

Copy

As you can see, there are many configuration options.

## Offboarding devices

In Settings, Endpoints, Device Management, Offboarding, select operating system dropdown to see the direction to offboard devices.