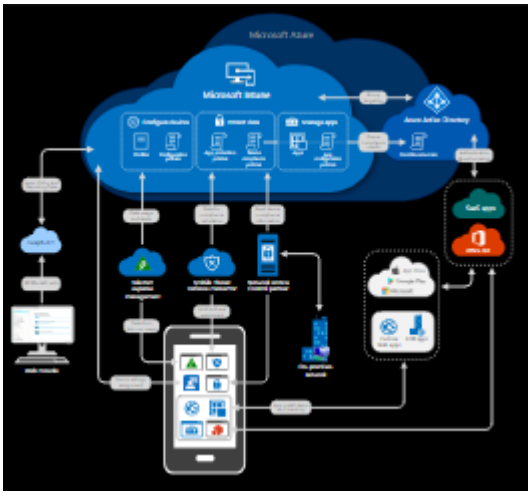
Microsoft intune

Intune- Microsoft Intune is a cloud-based enterprise mobility management tool that **aims** to help organizations manage the mobile devices employees use to **access** corporate data and applications, such as email.

- Manage the mobile devices and PCs your workforce uses to access company data.
- Manage the mobile apps your workforce uses.
- Protect your company information by helping to control the way your workforce accesses and shares it.
- Ensure devices and apps are compliant with company security requirements

How does Intune work?

Intune is the component of Microsoft's Enterprise Mobility + Security (EMS) suite that manages mobile devices and apps. It integrates closely with other EMS components like Azure Active Directory (Azure AD) for identity and access control and Azure Information Protection for data protection. When you use it with Office 365, you can enable your workforce to be productive on all their devices, while keeping your organization's information protected.



Intune app management explained

When we talk about app management, we are talking about:

- Assigning mobile apps to employees
- Configuring apps with standard settings that are used when the app runs
- Controlling how corporate data is used and shared in mobile apps
- Removing corporate data from mobile apps
- Updating apps
- Reporting on mobile app inventory
- Tracking mobile app usage

Before you start

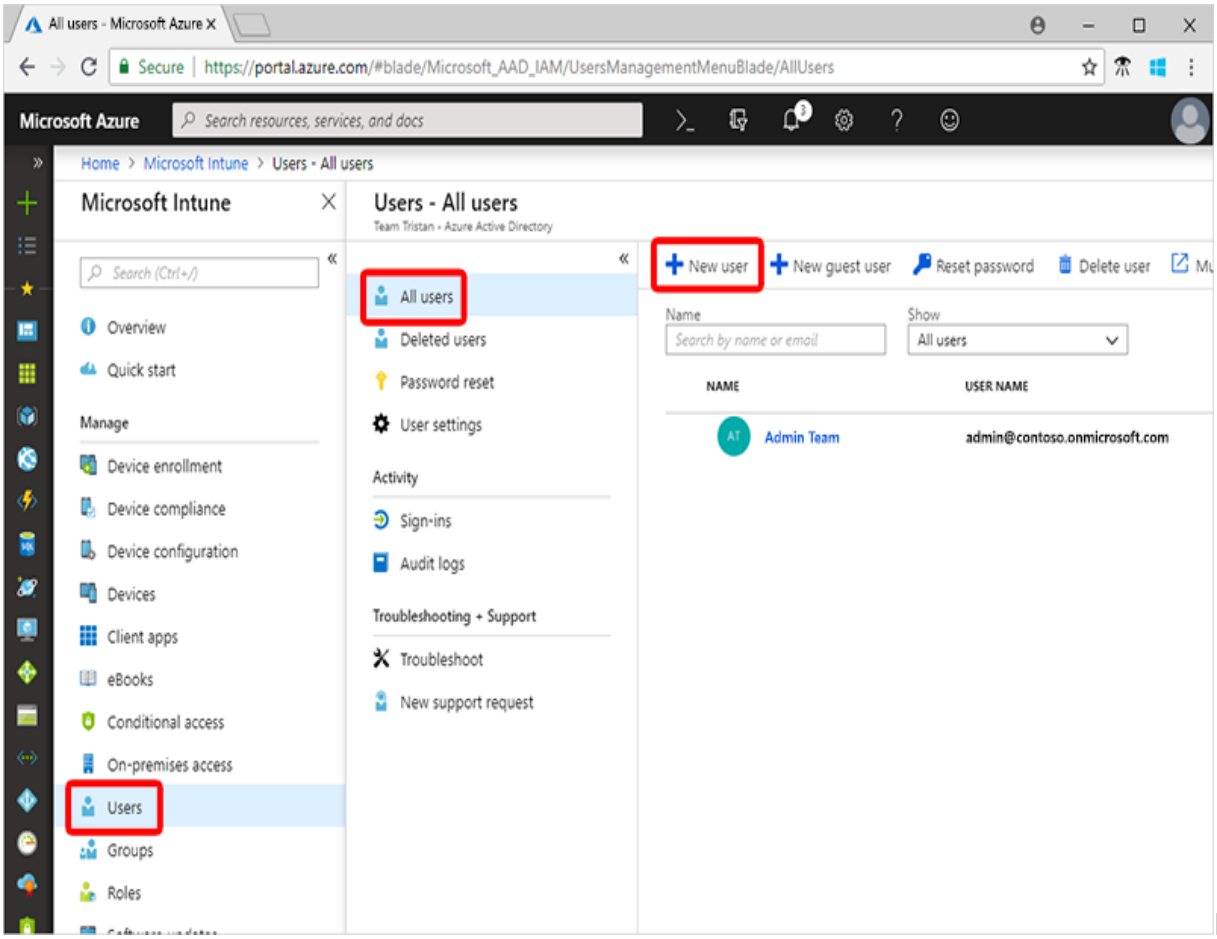
To use Intune in the Azure portal, you must have an Intune admin and tenant account. Sign up for an account if you don't already have one.

quickstarts

The following quickstarts help you get you started with Intune and complete some common tasks, in a minimal amount of time.

Create a user

Users must have a user account to enroll in Intune device management. To create a new user:



In Intune, choose Users > All users > New user.

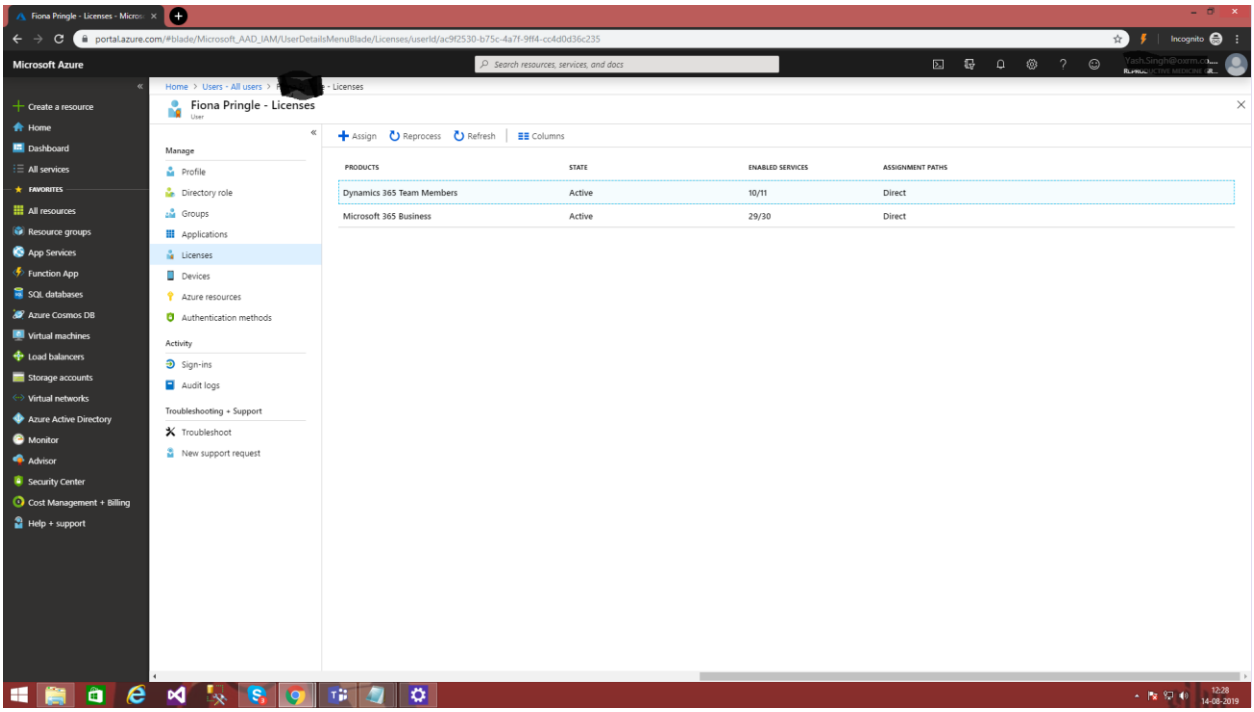
1. In the Name box enter a name, such as *zeeshan jafri*.
2. In the User name box enter a user identifier, such as zeeshan@jafri.onmicrosoft.com.
3. Choose Show password and make a note of the generated password so that you can generate your own password.
4. Choose Create.

Assign a license to the user

After you've created a user, you must use the Microsoft 365 admin center to assign an Intune license to them. If you do not assign the user a license, they will be unable to enroll their device into Intune.

To assign an Intune license to a user:

1. Sign in to the Microsoft 365 admin center with the same credentials you used to sign in to Intune.
2. Choose Users > Active Users > and choose the user you just created.
3. Next to Product licenses select Edit.
4. Under Location, choose a location for the user.
5. Click On next to the Intune license (or another license that you have that includes Intune). The displayed product name** is used as the service plan in the Azure management
6. Choose Save > Close.

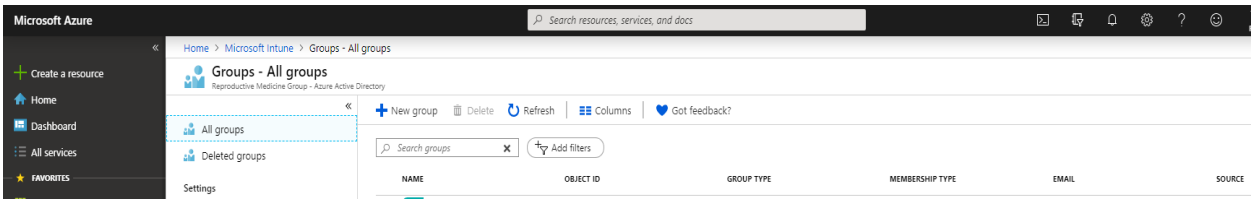


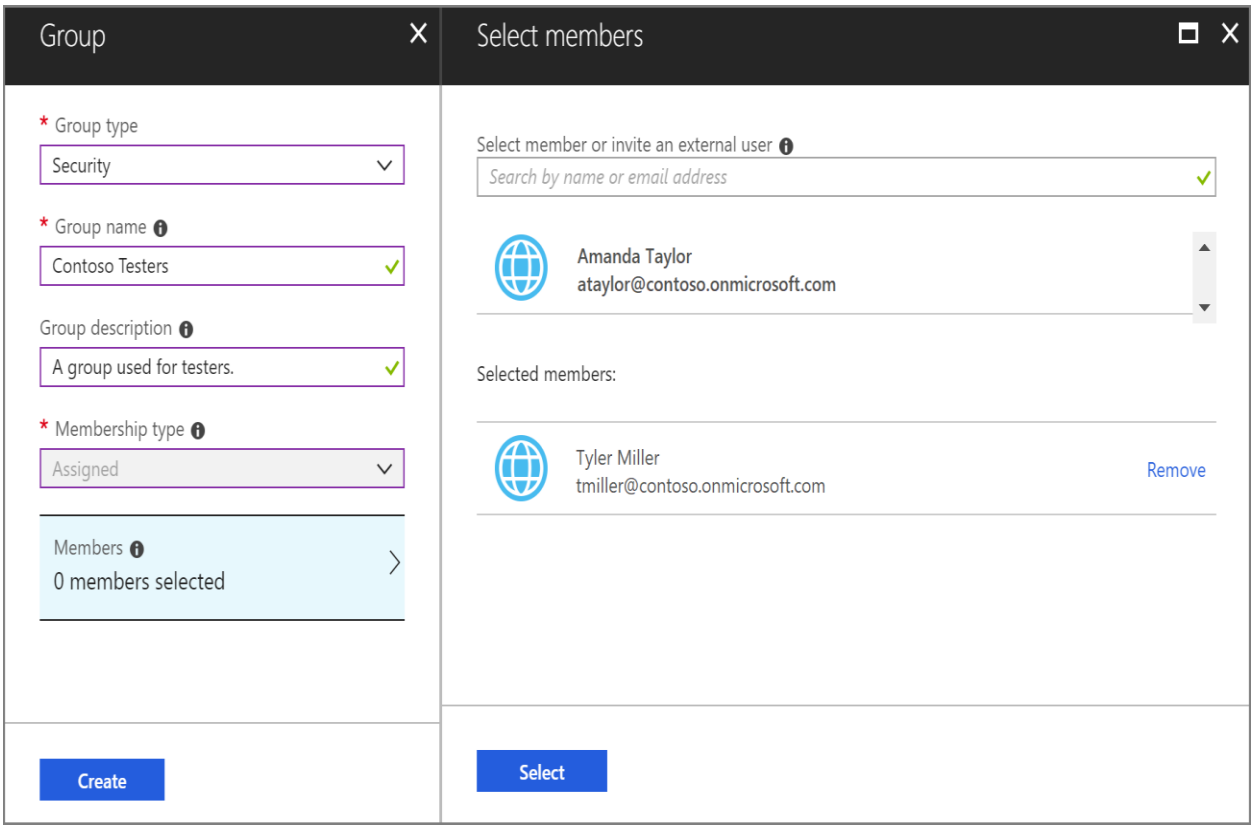
Your your must have microsoft 365 business license.

Create a group

1. Once you've opened the Microsoft Intune pane, select Groups > New group.
2. In the Group type dropdown box, select Security.
3. In the Group name field, enter the name for the new group (for example, Contoso Testers).

4. Add a Description for the group.
5. Set the Membership type to Assigned.
6. Click Members and select one or more members for the group from the list



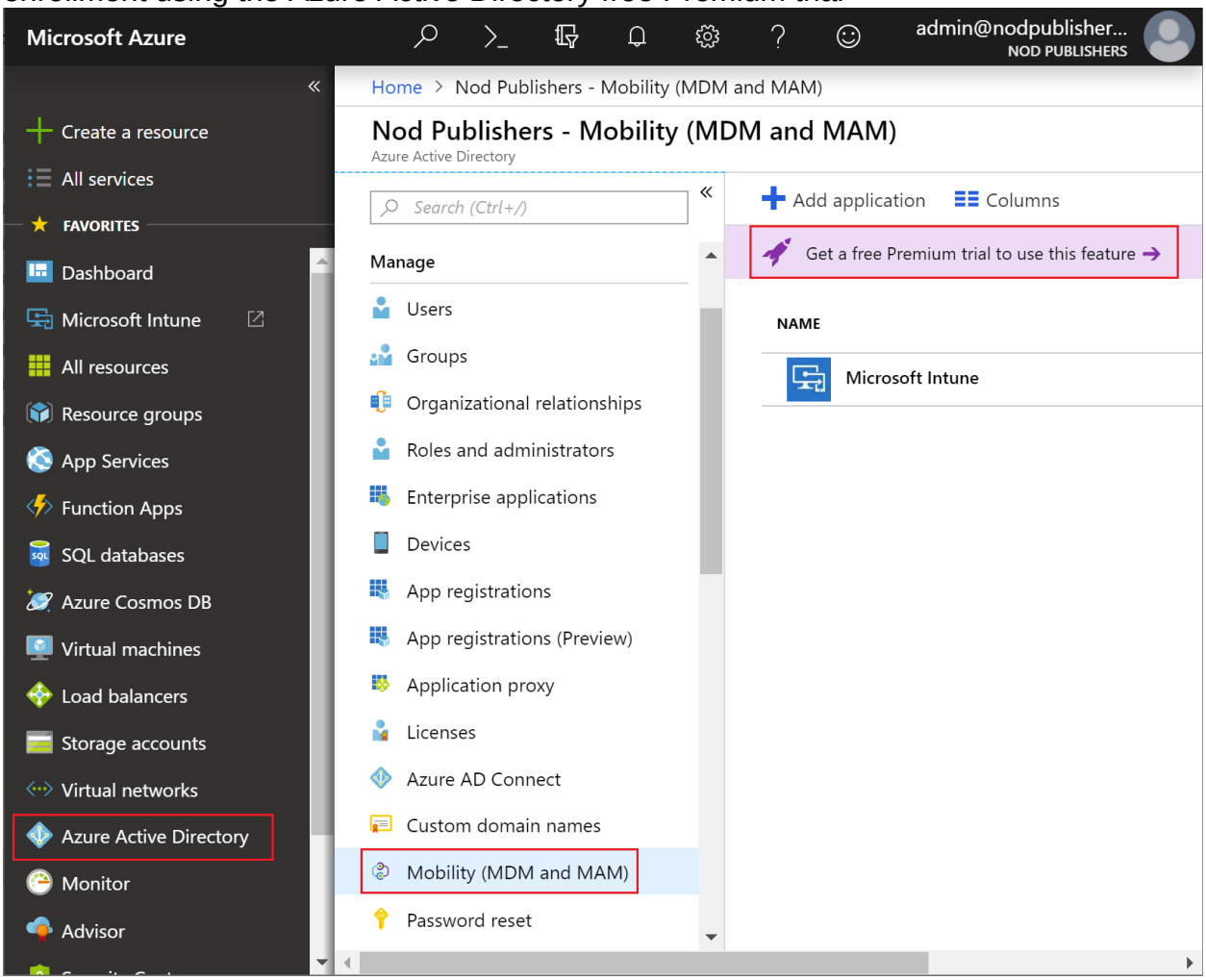


Set up Windows automatic enrollment

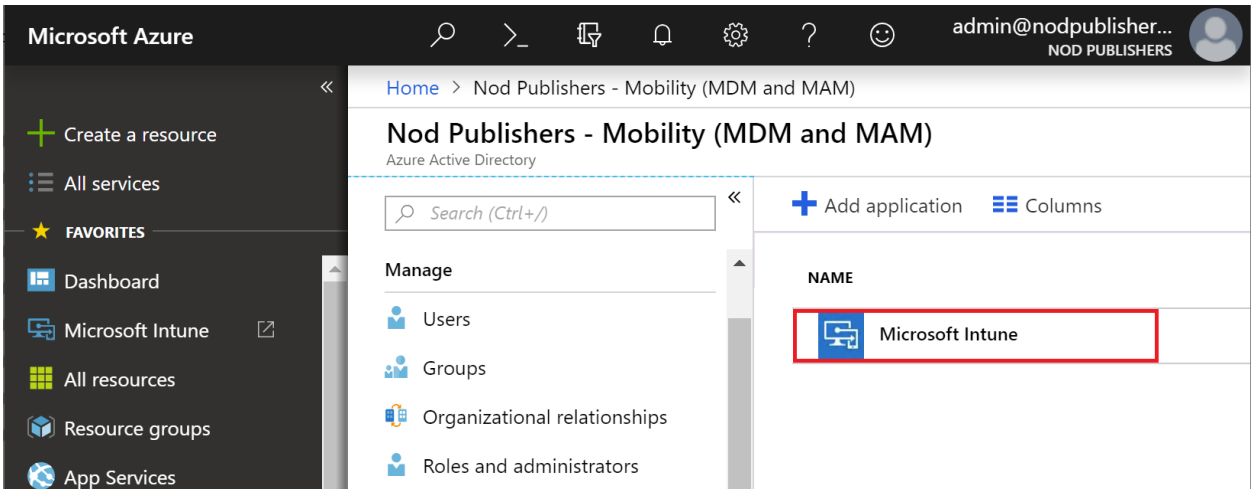
For this example, you'll use MDM enrollment so that both corporate and bring-your-own-devices can be automatically enrolled. You will sign up for a free Azure Active Directory Premium subscription.

1. In Azure, choose Azure Active Directory > Mobility (MDM and MAM).

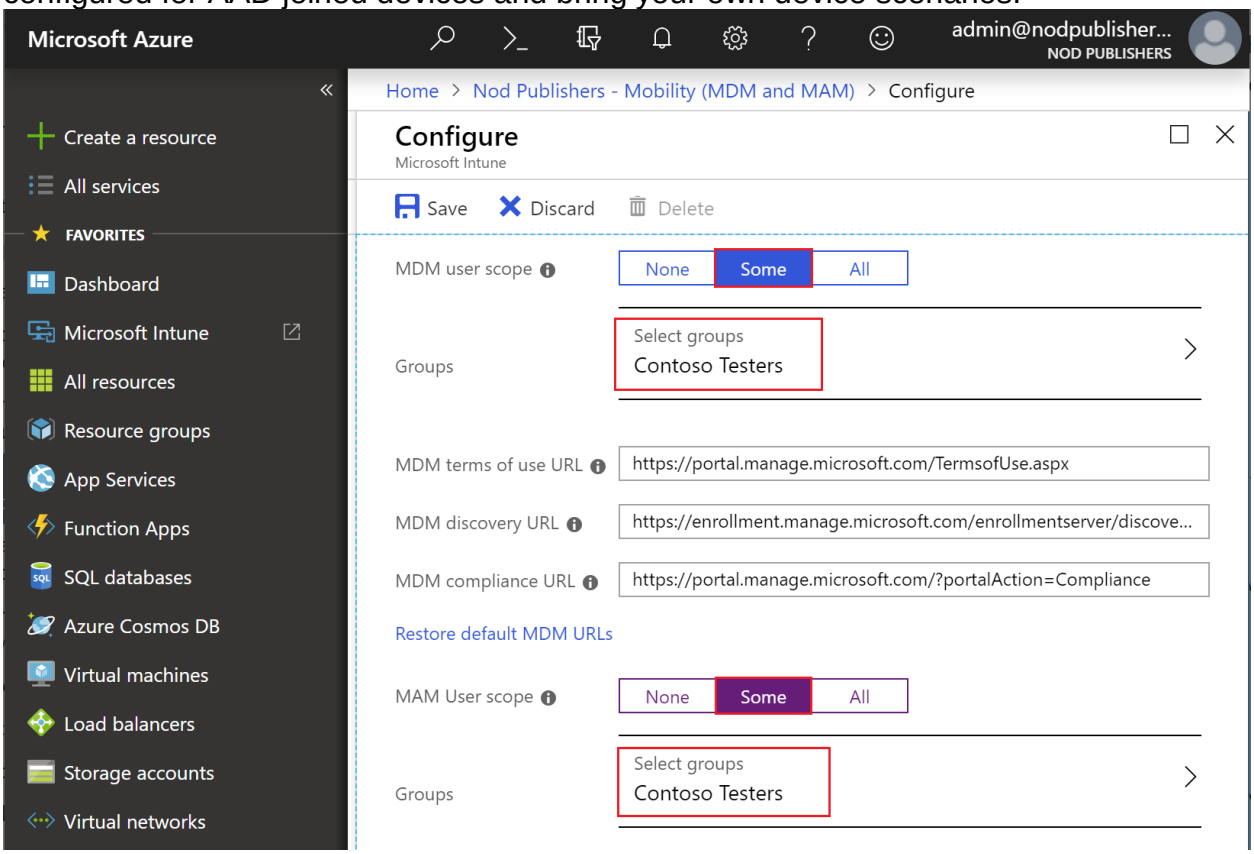
2. Select Get a free Premium trial to use this feature. Selecting this option will allow auto enrollment using the Azure Active Directory free Premium trial



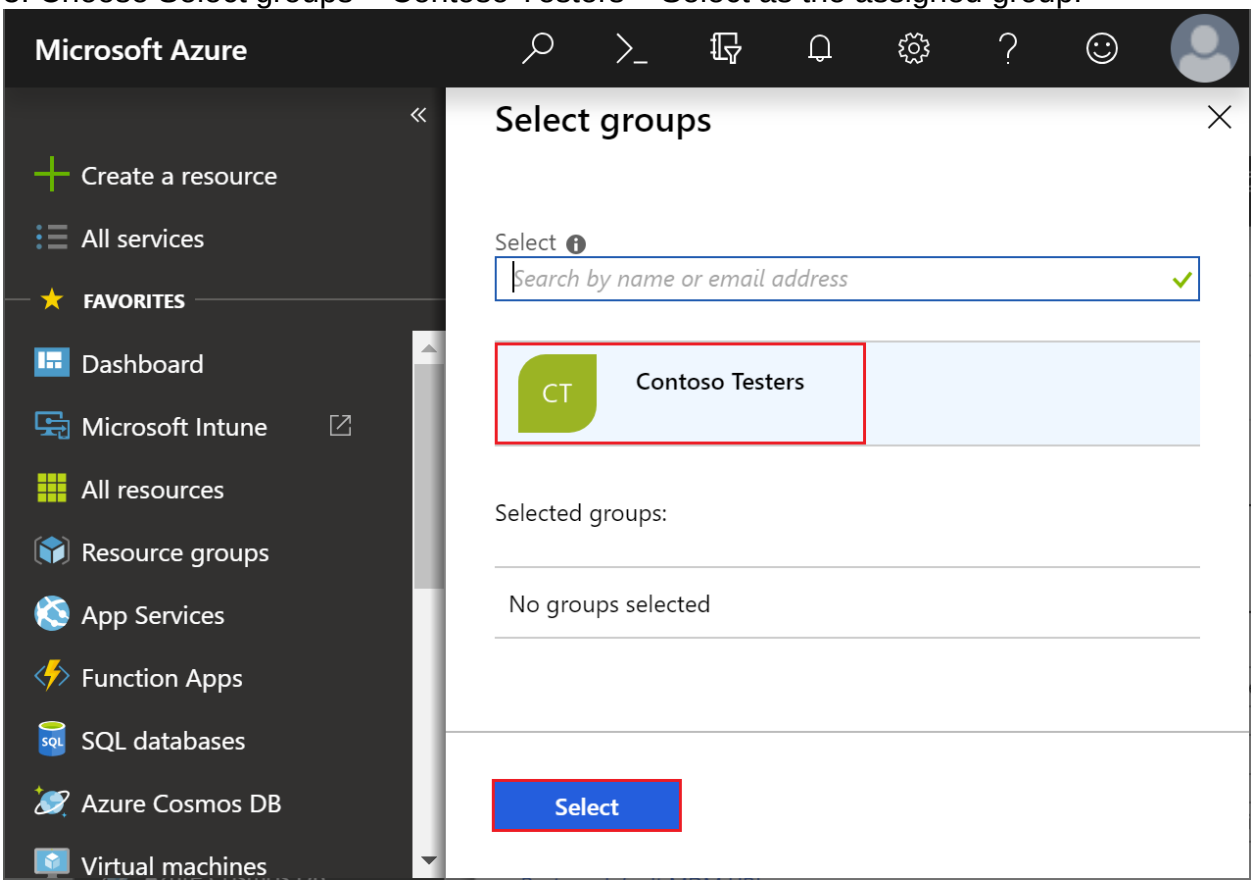
3. Select Microsoft Intune.



4. Select Some from the MDM user scope to use MDM auto-enrollment to manage enterprise data on your employees' Windows devices. MDM auto-enrollment will be configured for AAD joined devices and bring your own device scenarios.



5. Choose Select groups > Contoso Testers > Select as the assigned group.



6.Select Some from the MAM Users scope to manage data on your workforce's devices.

7.Choose Select groups > Contoso Testers > Select as the assigned group.

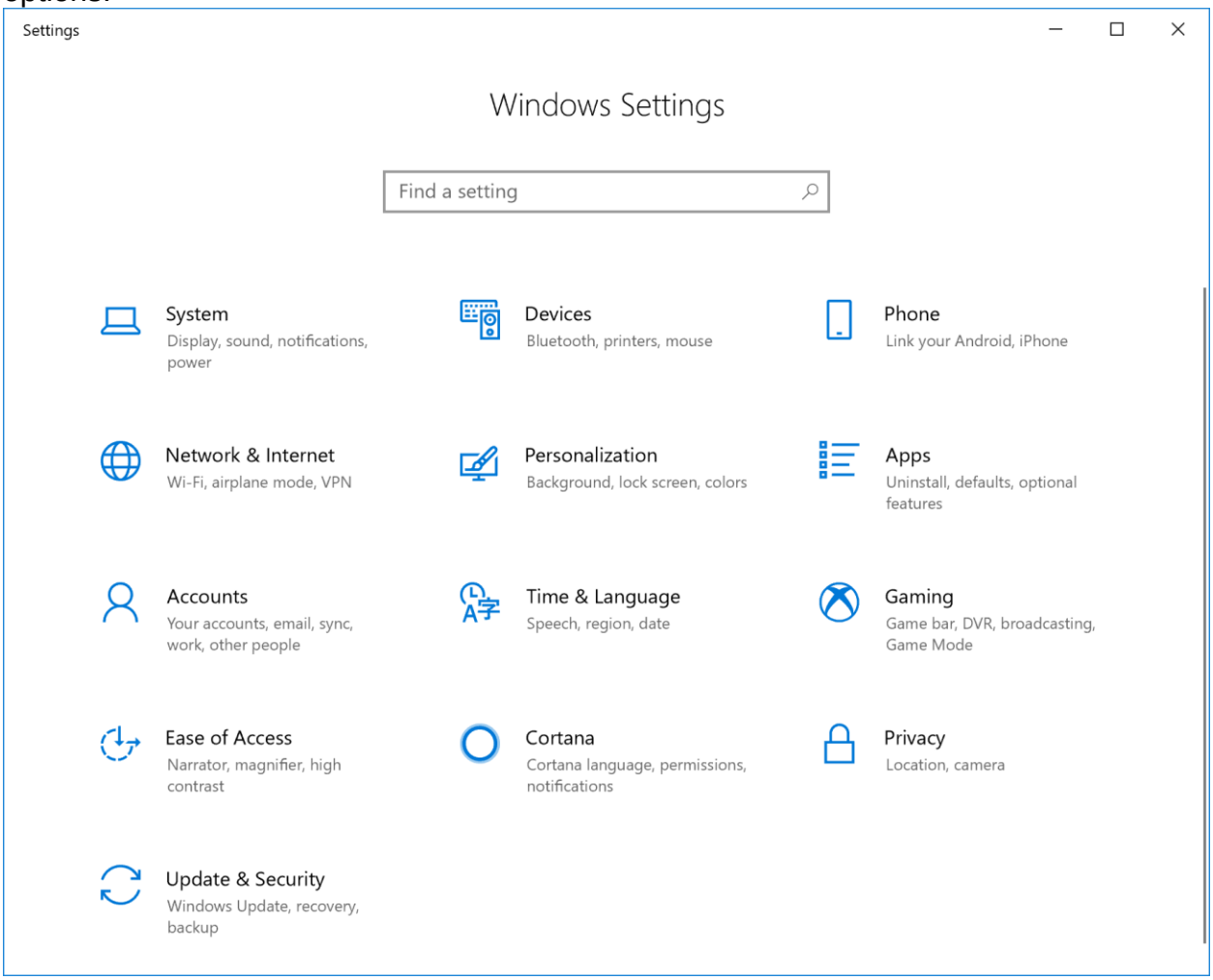
8.Use the default values for the remaining configuration values.

9.Choose Save.

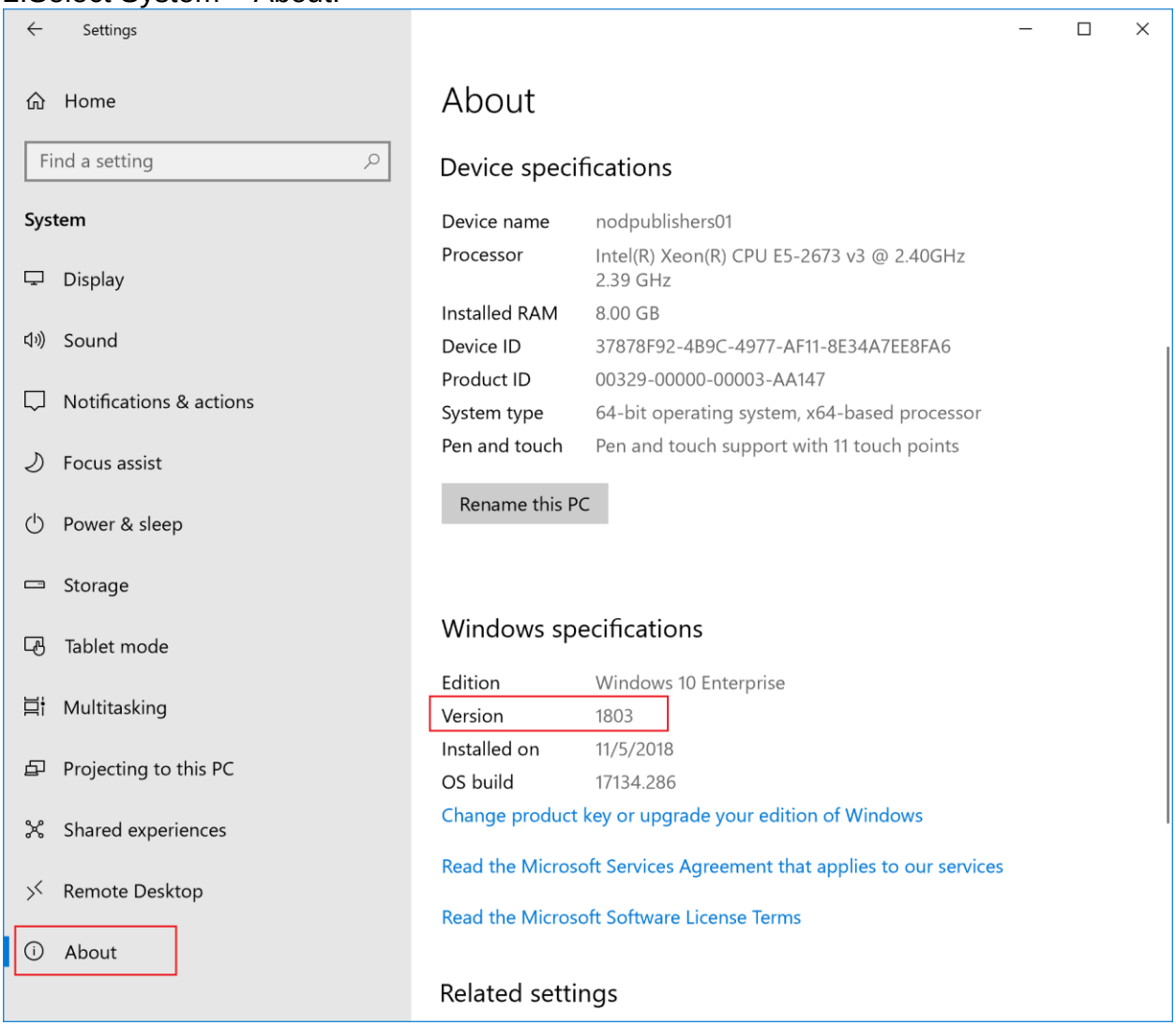
Confirm your Windows 10 Desktop version

Before enrolling your Windows 10 Desktop, you must confirm the version of Windows that you have installed.

1.Right-click the Windows Start icon and select Settings to display Windows Settings options.



2.Select System > About.



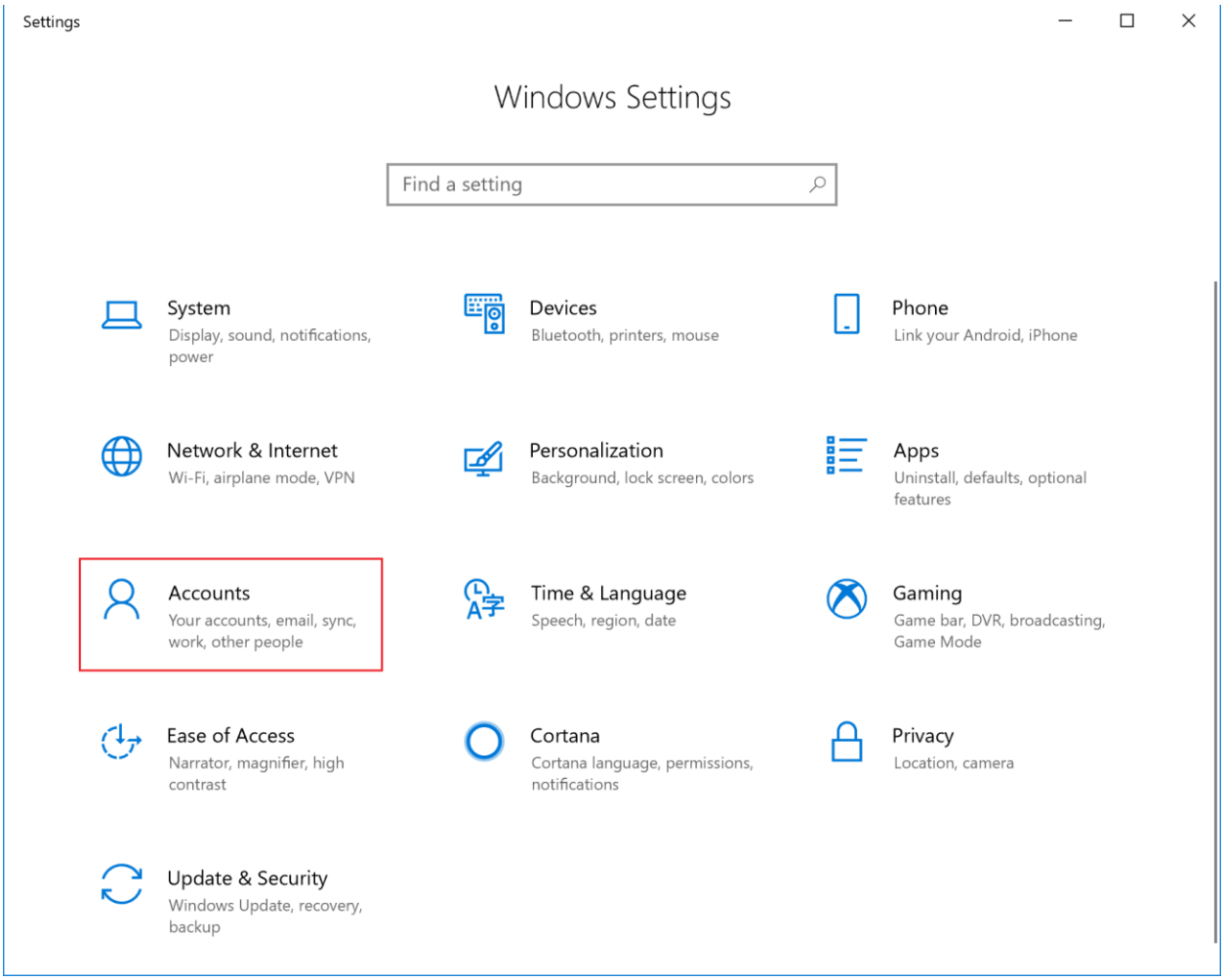
Tip

You can also type the phrase "About your PC" into the search bar, then select About your PC.

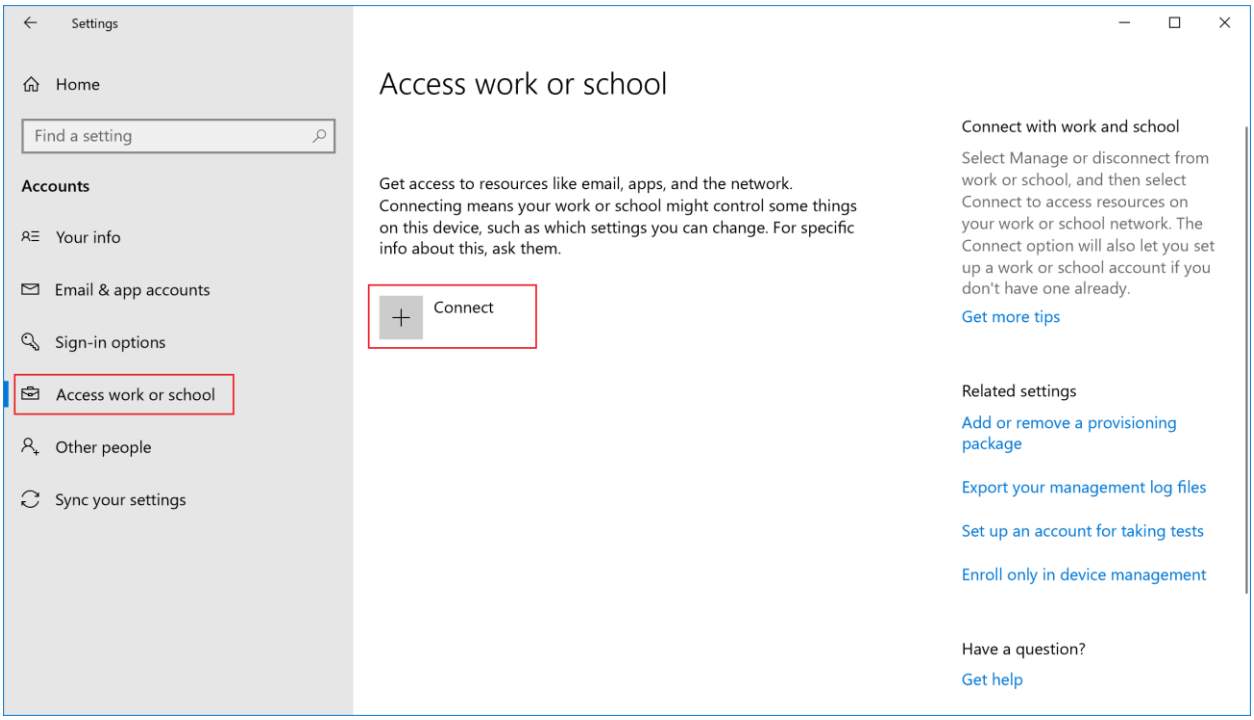
3.In the Settings window you will see a list of Windows specifications for your PC. Within this list, locate the Version.

4.Confirm that the Windows 10 Version is 1607 or higher.

Enroll Windows 10 Desktop


Settings
Windows Settings
Find a setting
System
Display, sound, notifications, power
Devices
Bluetooth, printers, mouse
Phone
Link your Android, iPhone
Network & Internet
Wi-Fi, airplane mode, VPN
Personalization
Background, lock screen, colors
Apps
Uninstall, defaults, optional features
Accounts
Your accounts, email, sync, work, other people
Time & Language
Speech, region, date
Gaming
Game bar, DVR, broadcasting, Game Mode
Ease of Access
Narrator, magnifier, high contrast
Cortana
Cortana language, permissions, notifications
Privacy
Location, camera
Update & Security
Windows Update, recovery, backup

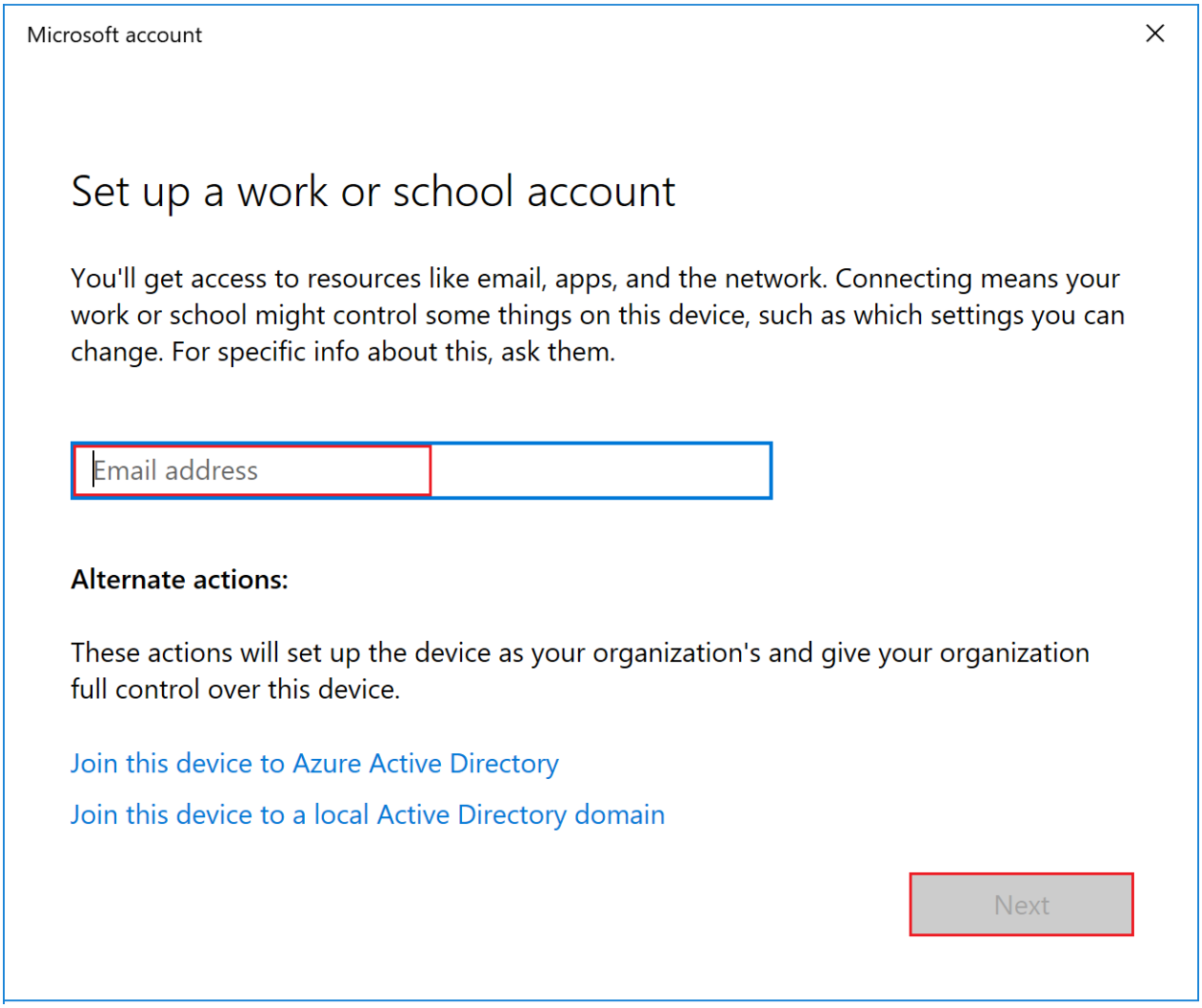
2.Select Access work or school > Connect.



3. Sign in to Intune with your work or school account, and then select Next. If you followed the create a user and assign a licensequickstart, you can sign in with the user account that you created.

Note

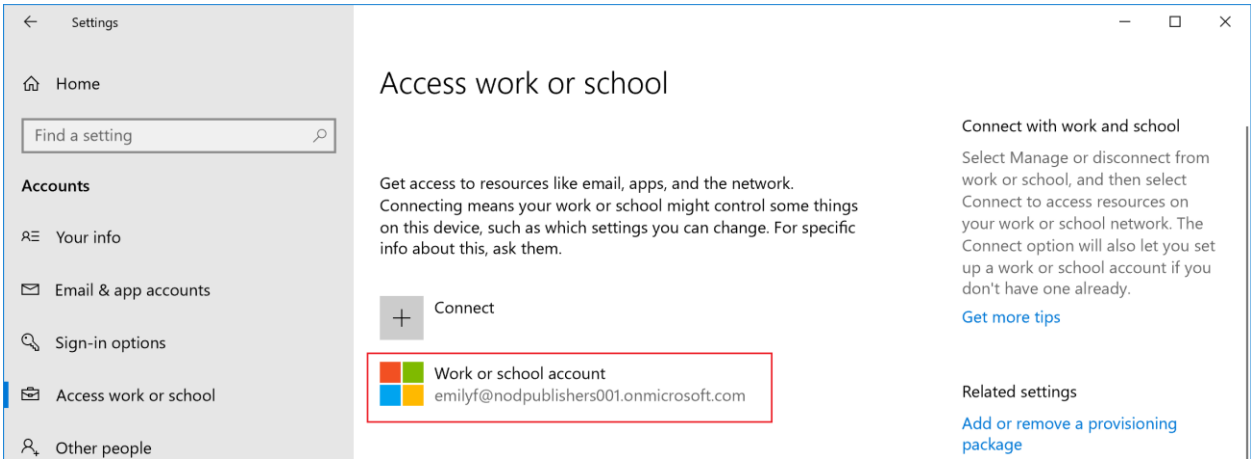
If you setting up an ".onmicrosoft.com", the user account will have .onmicrosoft.com as part of the account address.



You'll see a message indicating that your company or school is registering your device.

4.When you see the You're all set! screen, select Done. You're done.

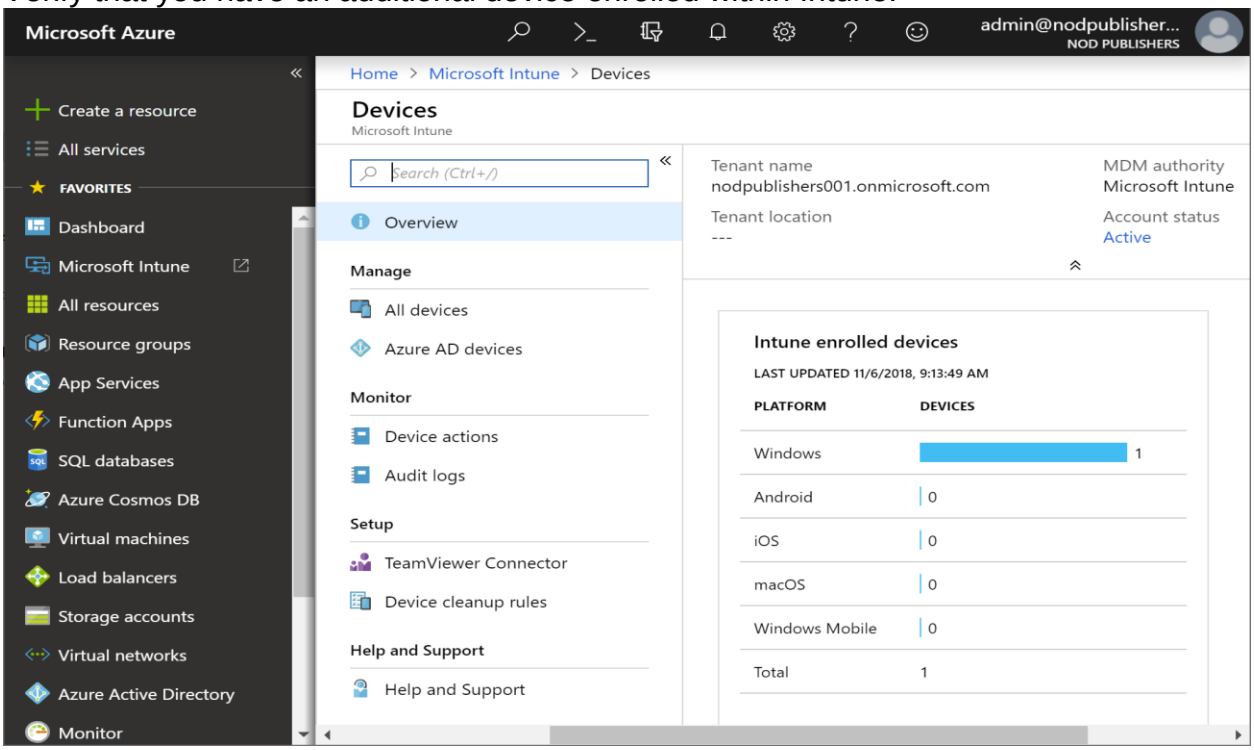
5.You will now see the added account as part of the Access work or school settings on your Windows Desktop.



Confirm your device enrollment in Intune

1.Sign in to Intune as a Global Administrator or an Intune Service Administrator.
2.Select Devices > All devices to view the enrolled devices in Intune.

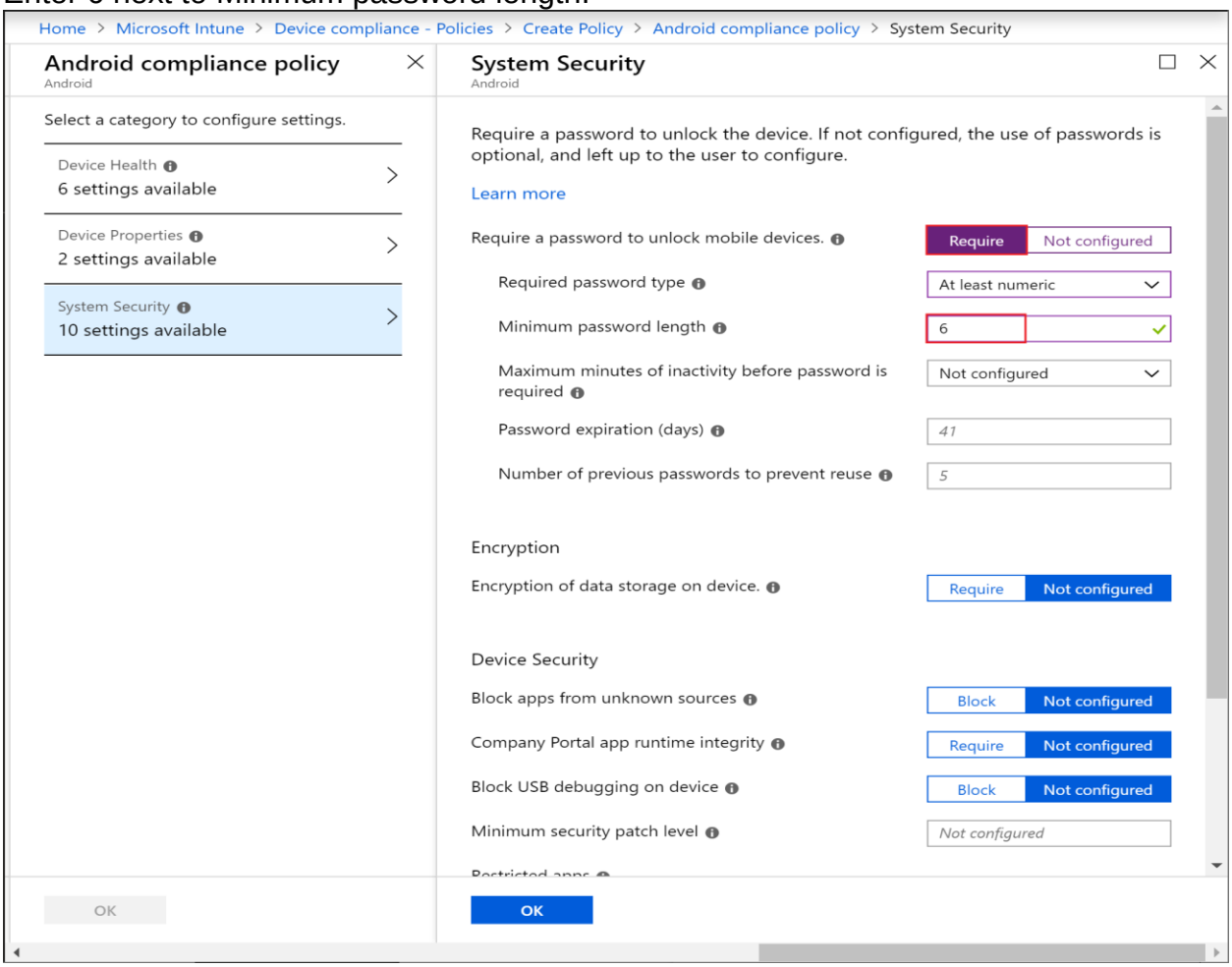
Verify that you have an additional device enrolled within Intune.



Create a device compliance policy

For this quickstart, you'll use Intune to require your workforce's Android users to enter a password of a specific length before access is granted to information on their Android devices.
1.In Intune, select Device compliance > Policies > Create Policy.
2.Add Android compliance as the Name. Also, add a Description.
3. For Platform, select Android.
4. Select Settings > System Security to display the Android System Security blade.
5. Click Require next to Require a password to unlock mobile devices.
6. Select At least numeric next to Required password type.

Enter 6 next to Minimum password length.



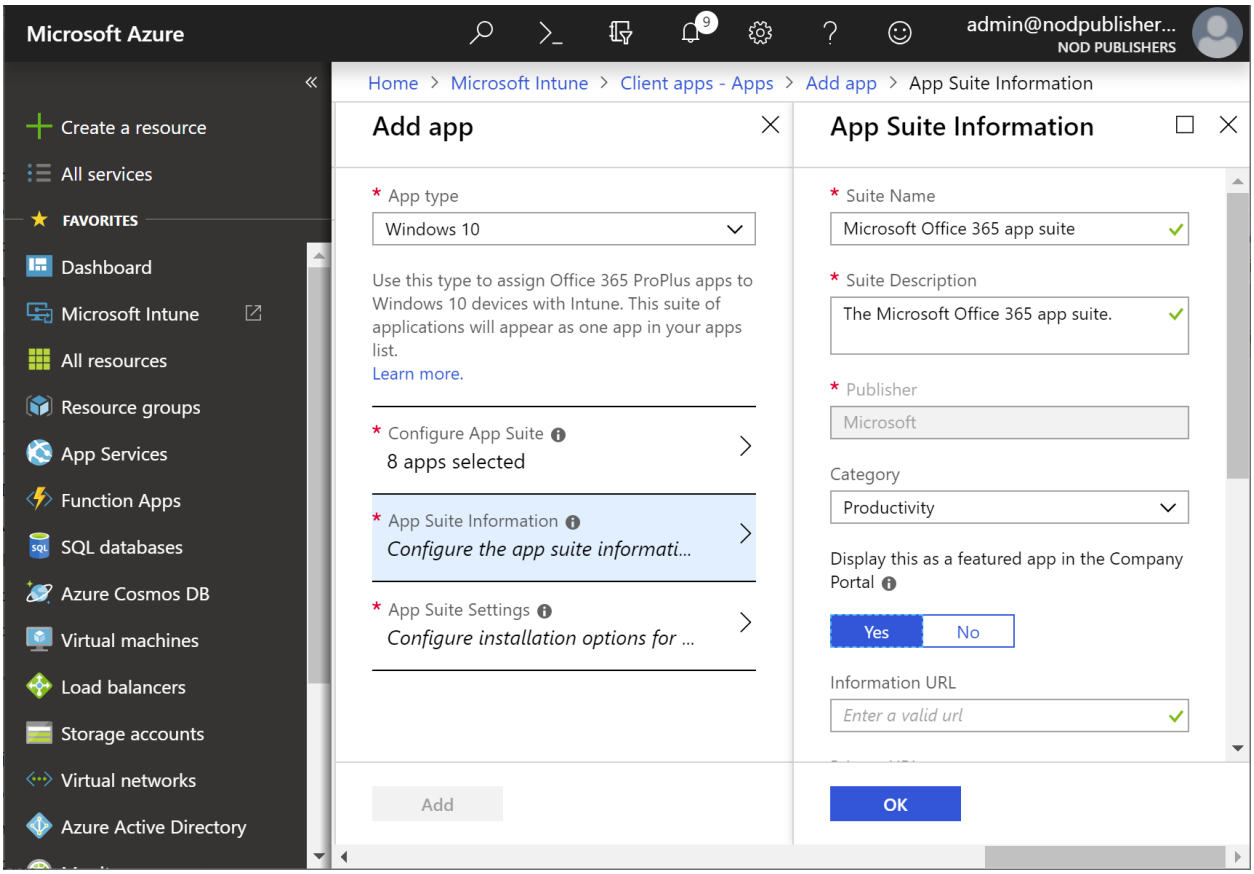
When done, click OK > OK > Create to create the policy.

Add the client app to Intune

An app can be included so that Intune can manage aspects of the app.

Use the following steps to add an app to Intune:
1. In Intune, select Client apps > Apps > Add.
2. Select Windows 10 in the Office 365 Suite section of the App type dropdown box.
3. Select Configure App Suite to select the Office apps to be assigned to the Intune user.
4. Click OK to accept the default selected apps.
5.Select App Suite Information.
6. Enter Microsoft Office 365 app suite as the Suite Name.
7. Enter The Microsoft Office 365 app suite as the Suite Description.
8.Click Yes next to Display this as a featured app in the Company Portal.

Click OK.



Select App Suite Settings. In the Update Channel dropdown box, select Monthly > Click OK > Add.

Assign the app to a group

After you've added an app to Microsoft Intune, you can assign the app to groups of users or devices.

Use the following steps to assign an app to a group:

1. In Intune, select Client apps > Apps.
2. Select the app that you want to assign to a group.
3. Click Assignments > Add group to display the Add group blade.
4. Select Available for enrolled devices in the Assignment type dropdown box.
5. Click Included Groups > Select groups to include > Testers.
6. Click Select > OK > OK > Save to assign the group.

You now have assigned the app to the Testers group.

Install the app on the enrolled device

You must install and use the Company Portal app to install the Contoso's To-Do app made available by Intune. Use the following steps to verify that the app is available to the user of the enrolled device.

1. Log in to your enrolled Windows 10 Desktop device.
   Important
   The device must be enrolled with Intune. Also, you must sign in to the device using an account contained in the group you assigned to the app.
2. From the Start menu, open the Microsoft Store. Then, find the Company Portal app and install it.
3. Launch the Company Portal app.
4. Click the app that you added using Intune. In this quickstart you added the Microsoft Office 365 app suite app.
5. Click Install.

Create an app protection policy

Use the following steps to create an app protection policy:

1. In Intune, select Client apps > App protection policies > Create Policy.
2. Enter the following details:
    - Name: *Windows 10 content protection*
    - Description: *Users associated with this policy will not be able to cut, copy, or paste any content between the assigned app and other non-managed apps on the device.*
    - Platform: *Windows 10*
    - Enrollment state: *With enrollment*
3. Select Protected apps to choose the apps that must adhere to this policy.
4. Click Add apps.
5. Under Recommended apps, select Word Mobile.
6. Click OK > OK.
7. Select Required settings to configure the app.
8. Click Allow Overrides to set the Windows Information Protection mode. Selecting this option will block enterprise data from leaving the protected app.
9. Click OK > Create.

You'll now see the app protection policy in Intune.

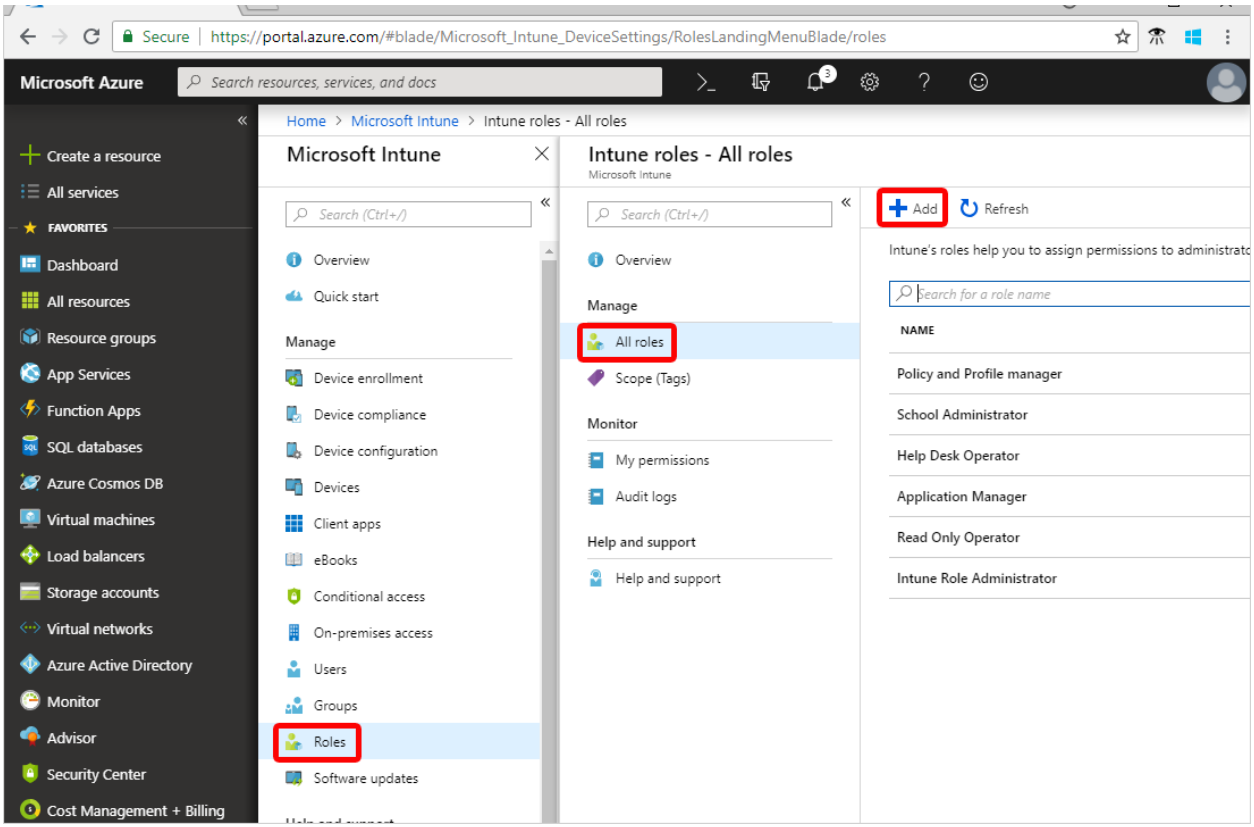
Assign the app protection policy

After you've created an app protection policy in Intune, you can assign to groups. Use the following steps to assign the app protection policy:

1. In Intune, select Intune > Client apps > App protection policies.
2. Select the app protection policy you created earlier. In this quickstart, the policy is Windows 10 content protection.
3. Select Assignments.
4. Click Select groups to include in the Include tab.
5. Select Contoso Testers as the group to include.
6. Click Select > Save.

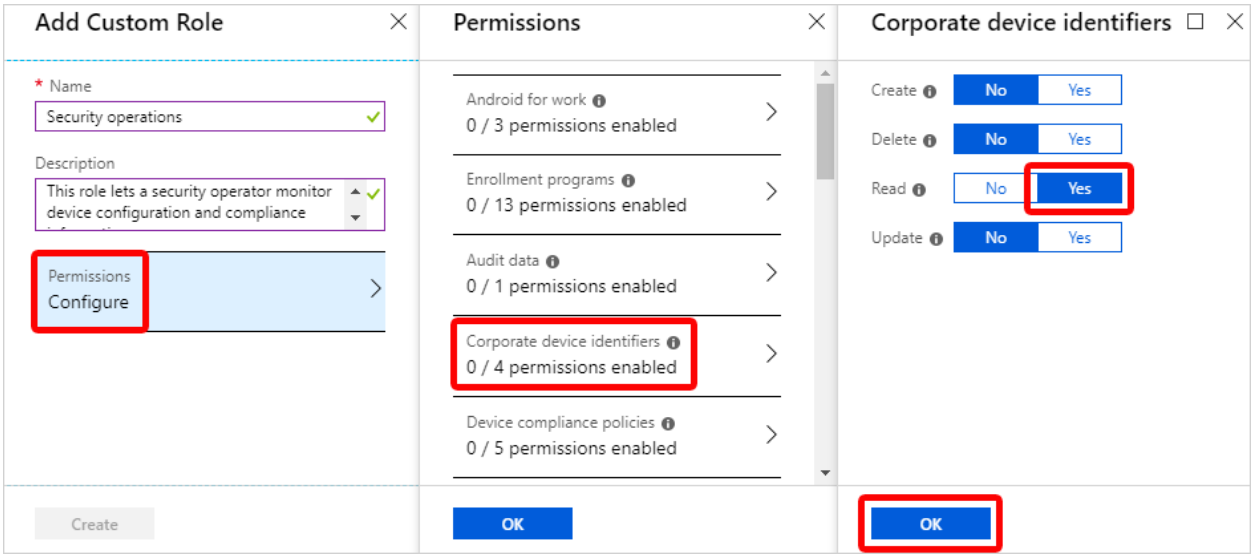
Create a custom role

When you create a custom role, you can set permissions for a wide range of actions. For the security operations role, we'll set a few Read permissions so that the operator can review a device's configurations and policies.



1. Under Add custom role, in the Name box, enter *Security operations*.
2. In the Description box, enter *This role lets a security operator monitor device configuration and compliance information.*

Choose Configure > Corporate device identifiers > Yes next to Read > OK.



3. Choose Device compliance policies > Yes next to Read > OK.
4. Choose Device configurations > Yes next to Read > OK.
5. Choose Organization > Yes next to Read > OK.
6. Choose OK > Create.

Assign the role to a group

Before your security operator can use the new permissions, you must assign the role to a group that contains the security user.

1. In Intune, choose Roles > All roles > Security operations.
2. Under Intune roles, choose Assignments > Assign.
3. In the Assignment name box, enter *Sec ops*.
4. Choose Member (Groups) > Add.
5. Choose the Contoso Testers group.
6. Choose Select > OK.
7. Choose Scope (Groups) > Select groups to include > Contoso Testers.
8. Choose Select > OK > OK.