Windows 365 Enterprise – Interactive Demo

Windows 365, the world's first Cloud PC, securely streams your desktop, apps, settings and content from the Microsoft cloud to all of your devices to provide a personalized Windows experience anywhere. Windows 365 extends end-user computing from the client to the cloud for business of all sizes, simplifying the experience with a complete service to securely buy, manage, and scale, all in one place.

Windows 365 comes in two versions: Enterprise Edition and Business Edition.

Enterprise Edition leverages Microsoft Endpoint Manager to enable customers to provision and manage Cloud PCs using the same skills they use to deploy physical PCs, fully integrated with Active Directory and built on Azure.

Business Edition is for any business, with no technology prerequisites, that requires fewer than 300 Cloud PCs. Simply utilize the Windows 365 cloud portal to purchase, deploy and manage Cloud PCs any time.

This interactive demo walks you through the Enterprise Edition experience, utilizing MEM to deploy and configure Cloud PCs. You can use the interactive experience by following the prompts to click and fill out highlighted links and form fields, or you can simply sit back and watch.

To get started, choose a topic at left.

Only Microsoft can bring together the PC and the cloud with a consistent and integrated Windows experience. That's Windows 365 – hybrid Windows for a hybrid world.

Exercise 1: Assign a Windows 365 license in admin center

This exercise assumes that you have already purchased the appropriate Windows 365 license(s) in the Microsoft 365 admin center (https://admin.microsoft.com).

1. In the Microsoft 365 Admin center, **click on Users in the left navigation**.

2. In the left navigation, **select Active Users.**

3. On the Active Users page, locate the user that you want to assign a Windows 365 - Cloud PC license. In this case, **select John Doe.**

4. On the person card for John Doe, **select Licenses and apps.**

5. **Select the checkbox next to Windows 365 Enterprise 4vCPU/16GB/256GB** to assign that license to John Doe.

Note: The steps are also possible to perform from the Azure Portal or automatically via Azure AD group assignment.

6. **Click the Save changes button** to finalize the license assignment

7. Once the changes have been saved, **click the X in the upper right** to close the person card for John Doe.

You have now successfully assigned a Windows 365 - cloud PC license to John.

Exercise 2: Create the on-premises network connection in Microsoft Endpoint Manager

On-premises network connections are required so that Windows 365 can create your Cloud PCs, join them to your specified domain, and let you manage them with Microsoft Endpoint Manager

Before you start: Create the connection to the on-premises environment for your line-of-sight connection to AD DS. You should have Network Contributor Rights on the VNET to perform the steps that follow

1. Starting in the Microsoft Endpoint Manager admin center, **select Devices in the left navigation**.

2. On the devices panel, **select Windows 365**.

3. On the Devices | Windows 365 page, **select the On-premises network connection tab**.

4. On the On-premises network connection tab, click the Create connection button.

5 On the Create a connection page, in the Name field, **type East US Office Location.**

6. On the Create a connection page, **click on the down arrow to expand the Subscription menu**.

7. **Select the Azure subscription.**

8. **Click to expand the menu** to Select an existing resource group.

9. And then **select the CPC-RG resource group.**

10. Click to **expand the menu** to select a virtual network.

11. **Select the CPC-VNET** virtual network.

12. Click to **expand the Select a subnet menu**.

13. **Select subnet1** from the dropdown menu.

14. Once you have made your selections, **click the Next button.**

15. In the AD DNS domain name field, **enter contoso.com.**

16. In the AD username UPN field, **enter admin@contoso.com**.

17. In the AD domain password field, **enter the password for admin@contoso.com.**

18. Finally, **confirm the AD domain password**.

19. **Click the Next button.**

20. Review your settings and then **click the Next button** again.

21. After the East US Office location connection has been successfully created, **click on Checks successful** to review the assessments that have been run.

One of the core goals of Windows 365 is to be easier to use as a replacement for complex VDI related infrastructure. The watchdog service is a great example of taking care of work that you normally must troubleshoot yourself.

After you're finished with the configuration of the On-premises network connection, the Watchdog service is going to check your environment for all the pre-requirements to use Windows 365, including following items:

- Azure AD Connect configuration
- Network access
- DNS resolution
- Rights to create computer accounts in the right organizational unit
- Subnet range – if there are enough IP addresses available for your deployment

The other great piece of this service is that it constantly runs on the background. For example, when something changes in your environment it will try to fix it for you – or send you as IT admin a notification with the resolution of the problem!

Exercise 3: Create a provisioning policy to create Cloud PCs and assign it to your users

Having assigned Windows 365 - cloud PC licenses and created an on-premises network connection, you are ready to provision cloud PCs and assign to users.

Before you start, make sure that the account you are using has at the Intune Service Admin role assigned. After provisioning you can set the rights back to standard MEM RBAC.

1. Starting in the Microsoft Endpoint Manager admin center, **select Devices in the left navigation.**

2. On the Devices page, **select Windows 365.**

3. On the Devices | Windows 365 page, **select the Provisioning policies tab.**

4. On the Provisioning policies page, **click the Create policy button.**

5. In the Policy Name field, **type East US Office.**

6. Click to **expand the On-premises network connection menu.**

7. **Select East US Office location** from the dropdown menu.

8. **Click the Next button.**

9. Click to **expand the Image type menu**.

10. The image selection option is part of provisioning policy creation. There is an option to select a gallery image with pre-baked images or use a custom image. Some customers prefer to use their own pre-build custom images, commonly known as golden images. The customer is free to pick whatever solution fits best for their needs.

In this case, we'll be selecting an image from the Gallery, so **select Gallery image** from the Image type menu.

11**. Click Select** to choose an image.

The gallery offers a variety of pre-baked images per workload type. For example, the images for Medium, Heavy, Power and Premium include Microsoft 365 Apps + Teams AV Optimizations out of the box whereas the Lite image offers an optimized OS experience for that specific workload type to get the best experience possible.

12. On the Select an image pane**, choose the top Windows 10 Enterprise image.**

13. After you've chosen your image, **click the Select button.**

14. **Click the Next button**.

15. On the Assignments tab, **click on the Select groups button.**

16. On the Select groups to include panel, **type Finance in the search field.**

17. **Select the Finance users group** from the results list.

18. Verify that the Finance users group is selected and then **click the Select button**.

Note: Every user in that group with a Cloud PC license assigned will receive a Cloud PC provisioned based on the image and on-premises network connection configuration. In this demo, John Doe is a member of the Finance users group.

19. On the Assignments tab, **click the Next button.**

20. Review your settings and then **click the Create button.**

After clicking Create, the new Cloud PCs will start to provision directly for the AAD group members that you assigned to the provisioning policy.

After 20 – 30 minutes your Cloud PCs will be ready to use.

Exercise 4: Demonstrate the end-user experience

To simplify access to your Cloud PC – Microsoft has created the Information Worker Portal. The portal allows end-users to choose between accessing their Cloud PC via the browser, macOS, Android or via the Remote Desktop (MSRDC) client. To access the web portal, users must go to windows365.microsoft.com

1. In Microsoft Edge, **navigate to https://windows365.microsoft.com.**

2. **Enter the password for John@contoso.com.**

3**. Click the Sign in button.**

4. Locate John Doe's Cloud PC and **click the Settings icon** to open the menu.

Note that you can restart, rename or troubleshoot your Cloud PC from this point. If the user has the permission to provide self-service upgrades, they see the restart option to reboot their Cloud PC in case of emergency – or performance related issues that require an reboot of the machine.

5. **Select Open in browser** to launch the cloud PC.

6. In addition to allowing your Cloud PC to access your clipboard, microphone and printer, you have the option to redirect your local drive via the web portal by enabling the File transfer option. When you select this option, a network share would then show up under 'This Computer' within your Cloud PC.

In this demo, we won't be enabling file transfer, so **click the Allow button** to grant access to local resources.

7. **Enter the password for John@contoso.com.**

8. And then **click the Submit button.**

9. Once your credentials are verified, you will be logged on to your Cloud PC – clientless via your browser!

You are now in a Cloud PC session running in the browser. The background wallpaper and icons are pre-loaded from your physical desktop PC. This is the result of using OneDrive Known Folder Move, Enterprise State Roaming and Edge sync settings which are enabled by default.

You can also run your session in full-screen mode in your browser. **Click the full screen icon in the upper right of the Cloud PC** to switch to full screen mode.

10. All of your apps and configuration policies are automatically assigned via Microsoft Endpoint Manager – Intune. There is no need to install any applications beforehand, Microsoft Teams, Microsoft Outlook, and your other key applications are available out-of-the-box!

Click on the desktop shortcut to **launch Microsoft Teams**.

11. Click on the X in the upper right to **close Microsoft Teams**.

12. **Click on Outlook in the Windows Taskbar** to launch the app.

13. **Click on the exit full screen icon in the upper right** to exit full screen mode.

14. **Click on the X to close the tab** in Microsoft Edge corresponding to the cloud PC.

Windows 365 Cloud PC also supports the Windows Remote Desktop Client. You can download and install the client via https://aka.ms/CPCClient and subscribe with your Azure AD identity in the app.

1. Starting in the Windows Remote Desktop Client, **click on the Subscribe button.**

2. **Type john@contoso.com** to subscribe using his Azure AD identity.

3. Then **click the Next button** and approve sign in using your Authenticator app.

4. You can now launch your Cloud PC from here. It will also add your Cloud PC into the local start menu of your endpoint for a smoother and quicker entry path.

Click on the Cloud PC Enterprise icon to launch your Cloud PC.

5. **Enter the password for john@contoso.com.**

6. Then **select the checkbox to remember this user.**

7. Now, **click the OK button.**

Congratulations, you have successfully launched your Cloud PC.