Cloud PC Provisioning Process

A Cloud PC is a cloud-hosted virtual desktop that provides a full Windows experience accessible from anywhere. It is part of Windows 365, a fully managed **Desktop-as-a-Service** (**DaaS**) solution by Microsoft, designed for **secure**, **scalable**, and **flexible remote work**.

In this guide, I will walk you through the steps to create a **Cloud PC** in your Microsoft 365 account. We will be working in three different **admin centers** to complete following tasks:

1. Microsoft 365 Admin Centre:

- a. Purchase and assign Licenses (Windows 365 Enterprise, Microsoft 365 E5 (no Teams) Trial)
- b. **Windows 365 Enterprise** has features like secure provisioning, centralized management, and integration. **Microsoft 365 E5** has all the required features such as Intune, Azure AD Premium, Conditional Access, Advanced Threat Protection (ATP).

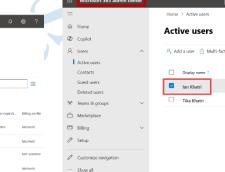
2. Microsoft Entra Admin Center:

- a. Enable **Intune (MDM)** to manage Cloud PC and enforce data protection Windows Information Protection (**WIP**)
- b. Create **user group** for Cloud PC provisioning (CloudPCHub)

3. Microsoft Intune Admin Center:

- a. Create provision policy (CloudPCPolicyHub) for Cloud PCs, add license type and hosted network
- b. Select images (Windows 11 Enterprise + Microsoft 365 Apps) and add group (CloudPCHub)

Step 1: (a₀) Go to Microsoft 365 admin Center purchase required licenses (I am using trial versions)



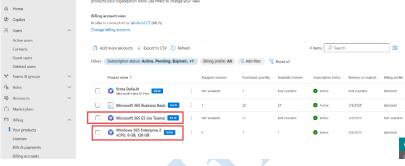


Microsoft 365 Business Basic 24 of 25 licenses available

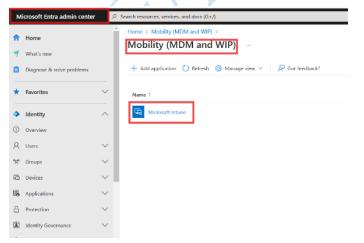
Microsoft 365 E5 (no Teams) 24 of 25 licenses available

Windows 365 Enterprise 2 vCPU, 8 GB, 128 GB

(a₁) User is assigned with appropriate licenses



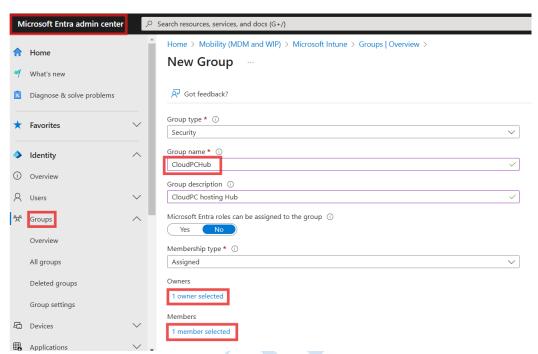
Step 2: (a₀) Go to Microsoft Entra admin center and search for Mobility (MDM and WIP) & click



(a₁) Select MDM and WIP user scope to all

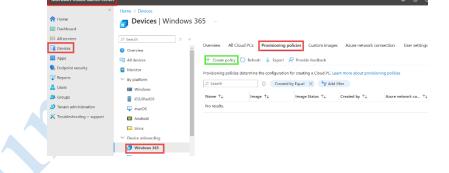
Microsoft Entra admin center P Search resources, services, and docs (G+/)			
<u></u>	Home		Home > Mobility (MDM and WIP) >
*	What's new		Microsoft Intune
_	Diagnose & solve problems		l
_	Diagnose & solve problems		MDM user scope ①
*	Favorites	~	○ None ○ Some ● All
_			MDM terms of use URL. ① https://portal.manage.microsoft.com/TermsofUse.aspx
•	Identity	^	MDM discovery URL ①
(1)	Overview		https://enrollment.manage.microsoft.com/enrollmentserver/discovery.svc
Д	Users	~	MDM compliance URL ①
² X ²	Groups	~	https://portal.manage.microsoft.com/?portalAction=Compliance
品	Devices	~	Restore default MDM URLs
_			Windows Information Protection (WIP) user scope ①
₩,	Applications	~	○ None ○ Some ○ All
8	Protection	~	WIP terms of use URL ①
(2)	Identity Governance	~	WIP discovery URL ①
qj)	External Identities	~	https://wip.mam.manage.microsoft.com/Enroll
	Show more		WIP compliance URL ①
2	Learn & support	_	Save Discard Delete

(b) Go to groups and click on Overview. Then, click on New group. A new page will appear, and the screenshot is displayed on the right side, fill out the required information as shown in the picture. Click on Owners to assign an owner, then click on Members to add users. Finally, click on Create to complete the process. As for example I gave a group name here as CloudPCHub.

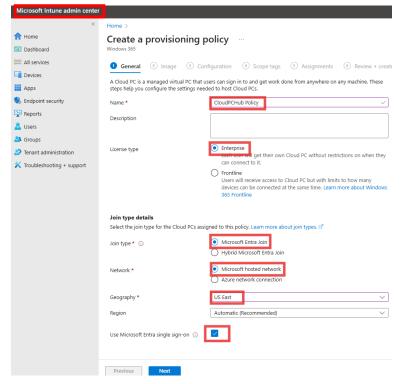


Step 3: (a₀) Go to Microsoft Intune admin center Choose Devices then Windows 365 then Provisioning

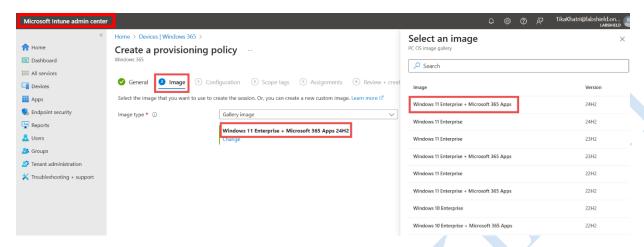
policies and Create policy



(a₁) Gave the name of policy as CloudPCPolicyHub, License type Enterprise, Join type Microsoft Entra Join, Network Microsoft hosted network, Geography US East (You can choose for the users in that region), and enable the Single Sign-On (SSO). Click Next

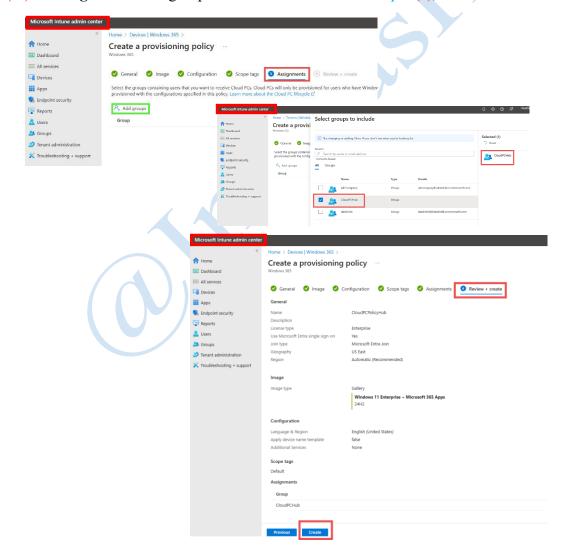


(b₀) Select image type you want to deploy, Windows 11 Enterprise + Microsoft 365 Apps

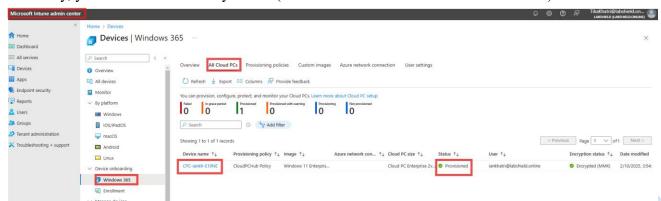


Click Next, leave everything as a default until you reach Assignments.

(b₁) In Assignments add groups CloudPCHub created in step 2 (c), then Review and Create



Finally, your **Cloud PC** is ready to use (You need to wait for about 25-30 minutes)



You can navigate https://windows365.microsoft.com, and with appropriate login credentials, you can access to the Cloud PC. You will see the Welcome note and other information, followed by the screen shown below in the screenshot.

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Welcome, Ian Khatri

Quick actions

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Your Cloud PCs

Click on Open in browser

CloudPCHub Policy - Ian Kh... :

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Welcome 2 to the total

Your Cloud PCs

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Your Cloud PCs

CloudPCHub Policy - Ian Kh... :

Welcome 3 to the total

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Your Cloud PCs

Select the device features you want, Your Cloud PC (CloudPCHub) is ready to use



We have full control over **Azure Virtual Machine** (VM), which is an **Infrastructure-as-a-Service** (IaaS), whereas Cloud PC (Windows 365) is fully managed by Microsoft. It's a **Desktop-as-a-Service** (DaaS), providing a ready-to-use desktop for daily work.

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