

Exploring the latest innovations in Windows 365 Cloud PC



Workplace Ninjas Australia



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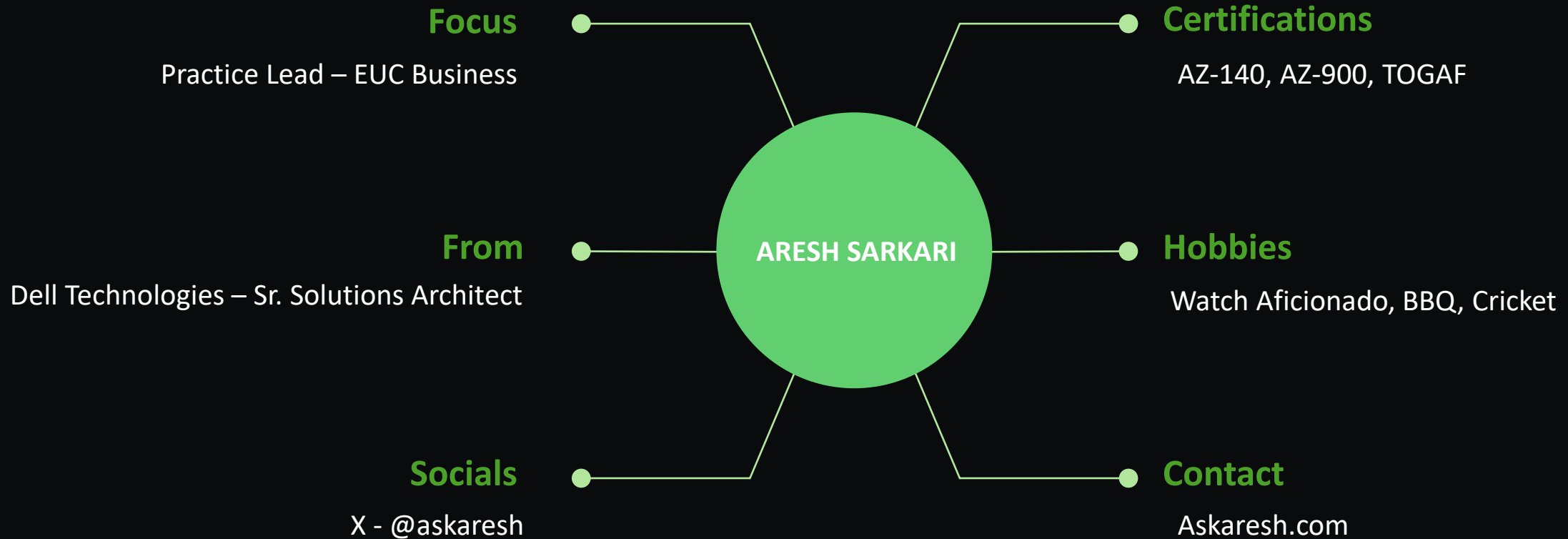
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Agenda

Windows 365 Cloud PC

- Introduction
- Use cases
- Latest Features
- Demo
- Q&A

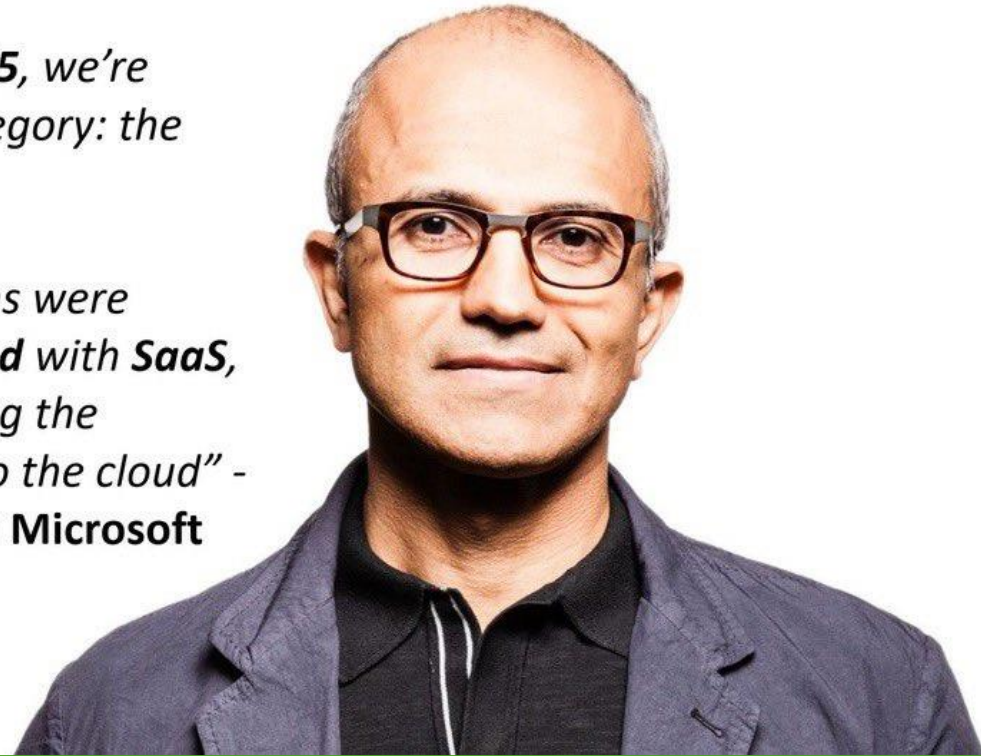


Introduction - Windows 365 Cloud PC

- DaaS on Steroids++
- Predictable Monthly Cost
- Any Device/Anywhere
- VS Azure Virtual Desktop
- Familiar Tools to manage the desktops

*“With **Windows 365**, we’re creating a new category: the Cloud PC.*

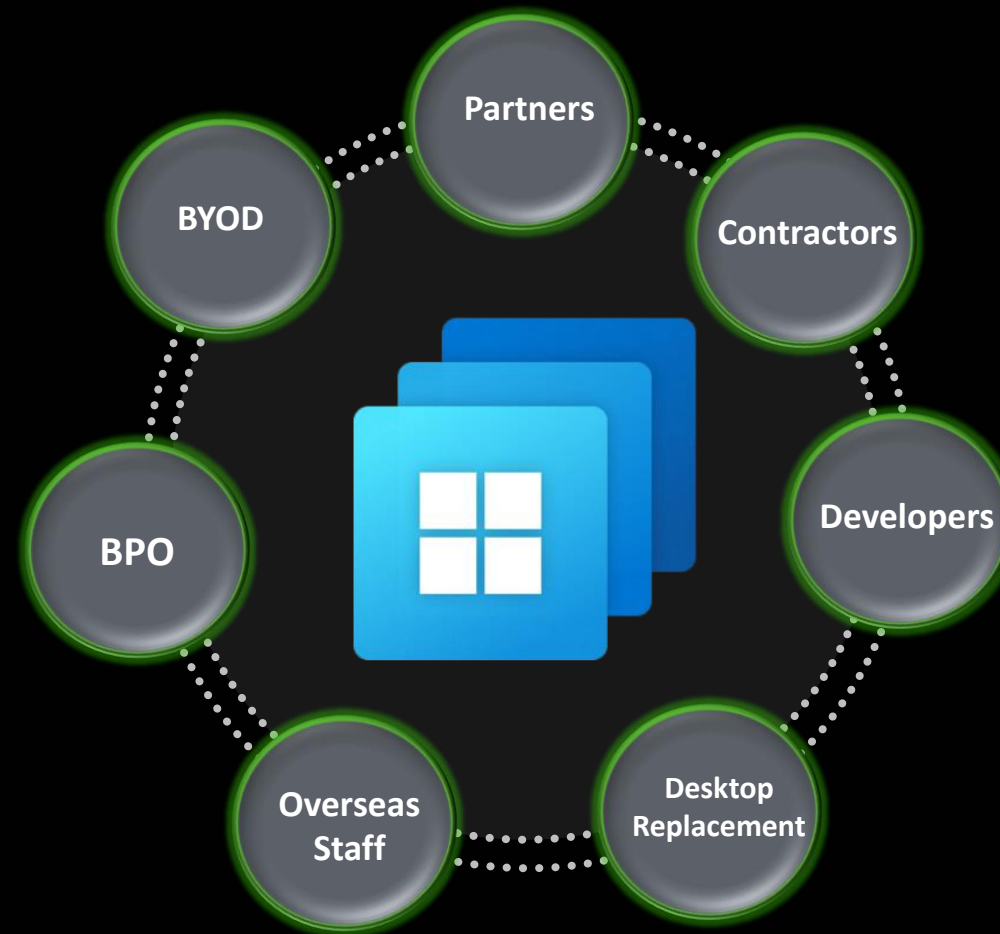
*Just like applications were brought to the **cloud** with **SaaS**, we are now bringing the operating system to the cloud” -*
Satya Nadella, CEO Microsoft





Use Cases - Windows 365 Cloud PC

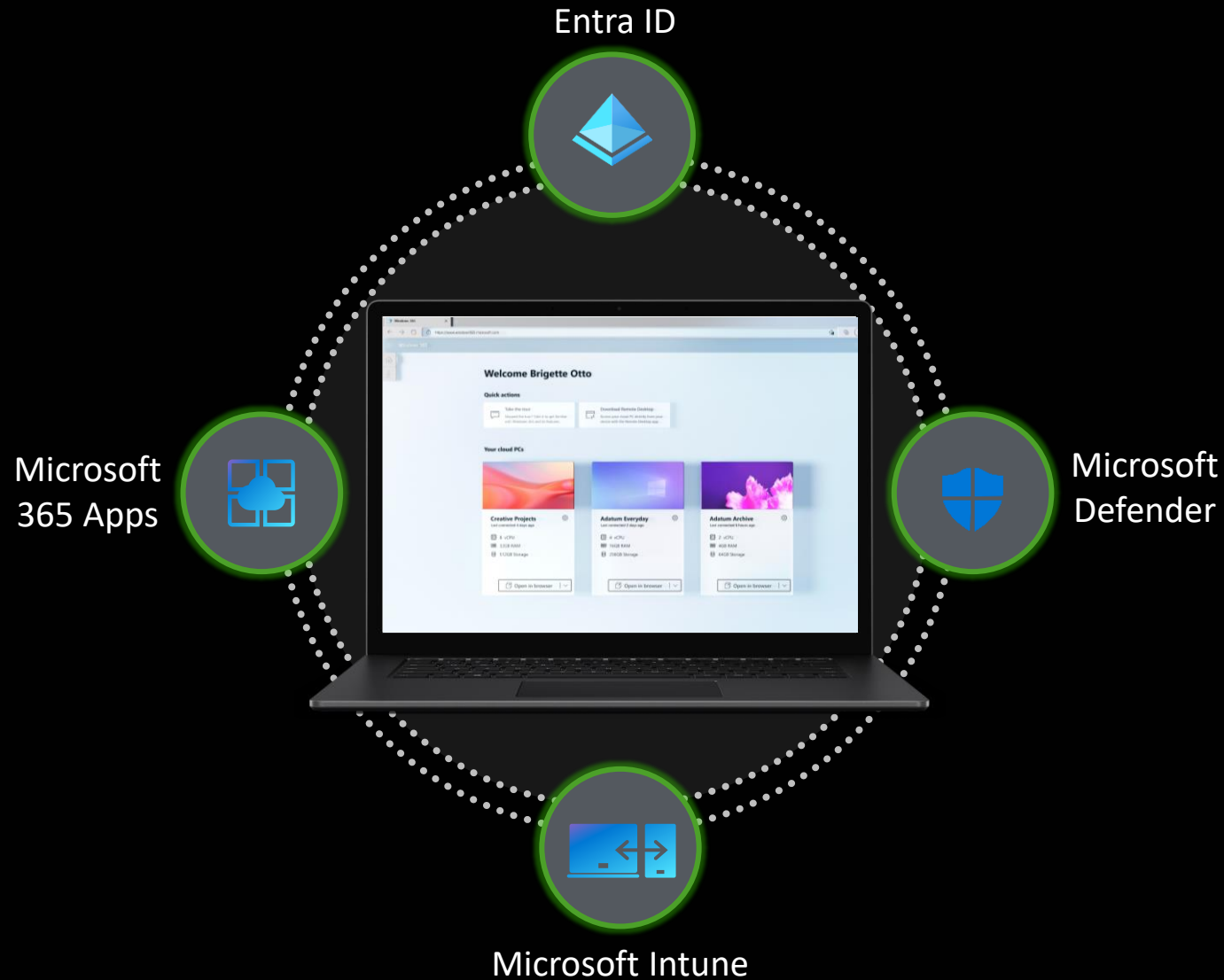
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Ecosystem Integrations

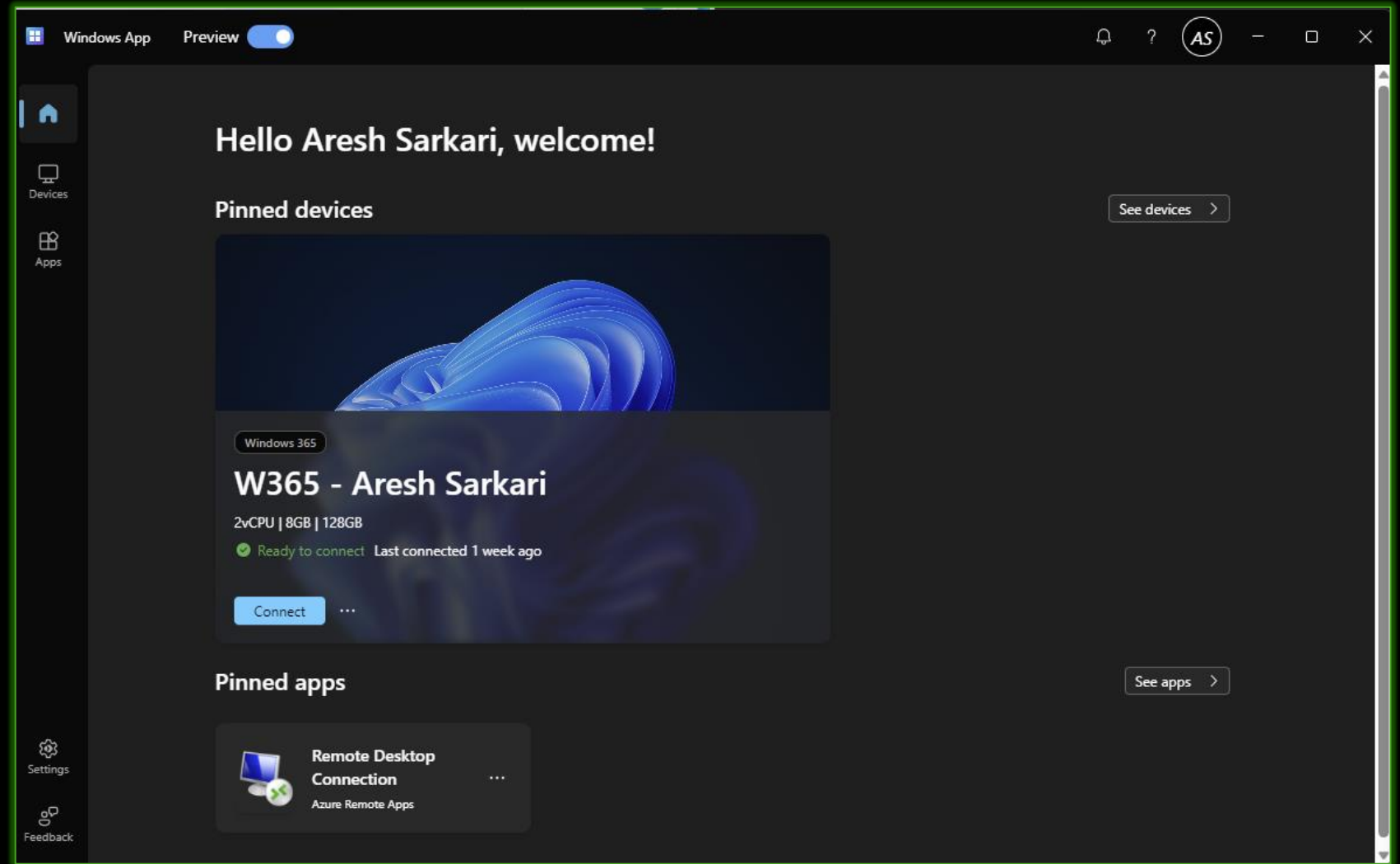
Works seamlessly with Microsoft Cloud Services





Windows App

- The New all-in-one App
- Windows 365
- Azure Virtual Desktop
- Microsoft Dev Box
- RDP
- Pinning Apps





SKUs - Windows 365 Cloud PC

- Two new 16 vCPU SKUs
- Memory intensive applications 64 GB RAM

Microsoft 365 admin center

Home > Your products

Your products

These are products owned by your organization that were bought from Microsoft or 3rd-party providers. Select a product to manage product and billing settings or assign licenses.

Products Benefits

2 items Windows 365 ... 5 filters selected

Products from Microsoft and others (2)

	Product name ↓	Assigned licenses	Purchased quantity	Subscription status	Purchase channel
<input type="checkbox"/>	Windows 365 Enterprise 16 vCPU, 64 GB, 512 GB	0	1	Active: Renews on 10/18/2024	Commercial direct
<input type="checkbox"/>	Windows 365 Enterprise 16 vCPU, 64 GB, 1 TB	0	1	Active: Renews on 10/18/2024	Commercial direct



GPUs – Windows 365 Cloud PC

- Three new GPU SKUs using NVidia and AMD
- Check out the frames
- Demo was very intuitive

Choosing the right GPU-enabled Cloud PC

Each of the new Windows 365 GPU configurations help support specific workloads and applications scenarios your organization may need. To determine which configuration is best for your organization's scenarios, consider the following guidance:

- **When to choose a Cloud PC with the GPU 4 vCPU, 16 GB RAM, 4 GB vRAM, 512 GB configuration:**

This option is for applications that benefit from basic graphic acceleration on one 3840x2160, or up to two 1920x1080p displays. This is comparable to laptops with integrated graphics.

- **When to choose a Cloud PC with the GPU 8 vCPU, 56 GB RAM, 12 GB vRAM, 1 TB configuration:**

This option is intended for applications with greater specification requirements and high-end graphics workloads on up to four 3840x2160 displays. This is comparable to desktop devices with a dedicated graphics GPU.

- **When to choose a Cloud PC with the GPU 16 vCPU, 110 GB RAM, 16 GB vRAM, 1 TB configuration:**

This is designed for the most demanding graphics workloads that require a fully dedicated GPU for the highest performance available. Users who prioritize all the top-of-the-line choices for the best performance over other considerations may choose this option.

Benchmarking...

FPS: 197.3
NVIDIA A10-24Q
Utilization: 98%

Min FPS: 124.9
Avg FPS: 166.7
Max FPS: 225.0

Scene: 16 / 17
Frames: 25367
Surfaces: 1785
Materials: 165
Light sources: 6
Triangles: 3,120,024



SSO - Windows 365 Cloud PC

- SSO fix can be applied to existing provisioning policies

Create a provisioning policy ...
Windows 365

1 General 2 Image 3 Configuration 4 Assignments 5 Review + create

A Cloud PC is a managed virtual PC that users can sign in to and get work done from anywhere on any machine. These steps help you configure the settings needed to host Cloud PCs.

Name *

Description

License type

☒ Enterprise
Each user will get their own Cloud PC without restrictions on when they can connect to it.

☐ Frontline
Each user will receive their own Cloud PC but with limits on how many devices can be connected at the same time. Recommended for users who access their Cloud PCs intermittently, or a set schedule. [Learn more about Windows 365 Frontline](#)

Join type details
Select the join type for the Cloud PCs assigned to this policy. [Learn more about join types.](#)

Join type *

☒ Microsoft Entra Join
☐ Hybrid Microsoft Entra Join

Network *

☐ Microsoft hosted network
☐ Azure network connection

Use Microsoft Entra single sign-on (p... ☐

Home > Devices | Windows 365 > Picture in picture

Demo ...

→ Apply current configuration

Apply current configuration to existing Cloud PCs?

☐ Apply region change

☒ Apply Microsoft Entra single sign-on change

Cloud PCs will be shutdown during this process. Users will be disconnected and any unsaved work will be lost.

Join type	Microsoft Entra Join
Geography	US West
Region	Automatic (Recommended)



Encryption - Windows 365 Cloud PC

- Bring your own encryption key
- Microsoft Purview Customer Key
- Disk/Snapshots/Images

The screenshot shows the 'Configure encryption type' page in the Windows 365 Tenant Admin console. The page is titled 'Configure encryption type' and includes a subtitle explaining that the encryption key type is set by Microsoft support and that only new Cloud PCs will be encrypted with the new type. The page shows the current service encryption type as 'Microsoft Purview Customer Key' and the encryption type for existing Cloud PCs as 'Microsoft Purview Customer Key'. A table shows the existing Cloud PC encryption status with 1523 Microsoft managed keys and 18 Customer Keys. A 'Configure' button is visible below the table. A 'Save' button is highlighted at the bottom right of the page.

er

Home >

Tenant admin | Cloud PC encryption type

Search (Ctrl+/)

Tenant status

Remote help

Microsoft Tunnel Gateway

Connectors and tokens

Filters

Roles

Azure AD Privileged Identity Management

Diagnostics settings

Audit logs

Device diagnostics

Intune add-ons

Cloud PC encryption type

End user experiences

Customization

Custom notifications

Terms and conditions

Windows Autopatch

Your data is always encrypted at rest in the Microsoft Cloud PC. Learn more about service encryption.

Service encryption type has changed, but existing Cloud PCs will continue to use the current encryption type.

Existing Cloud PC encryption status

Microsoft managed key	Customer Key
1523	18

Configure

Configure encryption type

Subtitle

The encryption key type for your tenant is set by Microsoft support. If the type has been changed, only new Cloud PCs will be encrypted with the new encryption type. To encrypt existing Cloud PCs using the new encryption type, change the type below.

Service encryption type ⓘ

Microsoft Purview Customer Key

Encryption type for existing Cloud PCs

☐ Microsoft managed key
Baseline, volume-level encryption enabled through BitLocker and Distributed Key Manager (DKM).

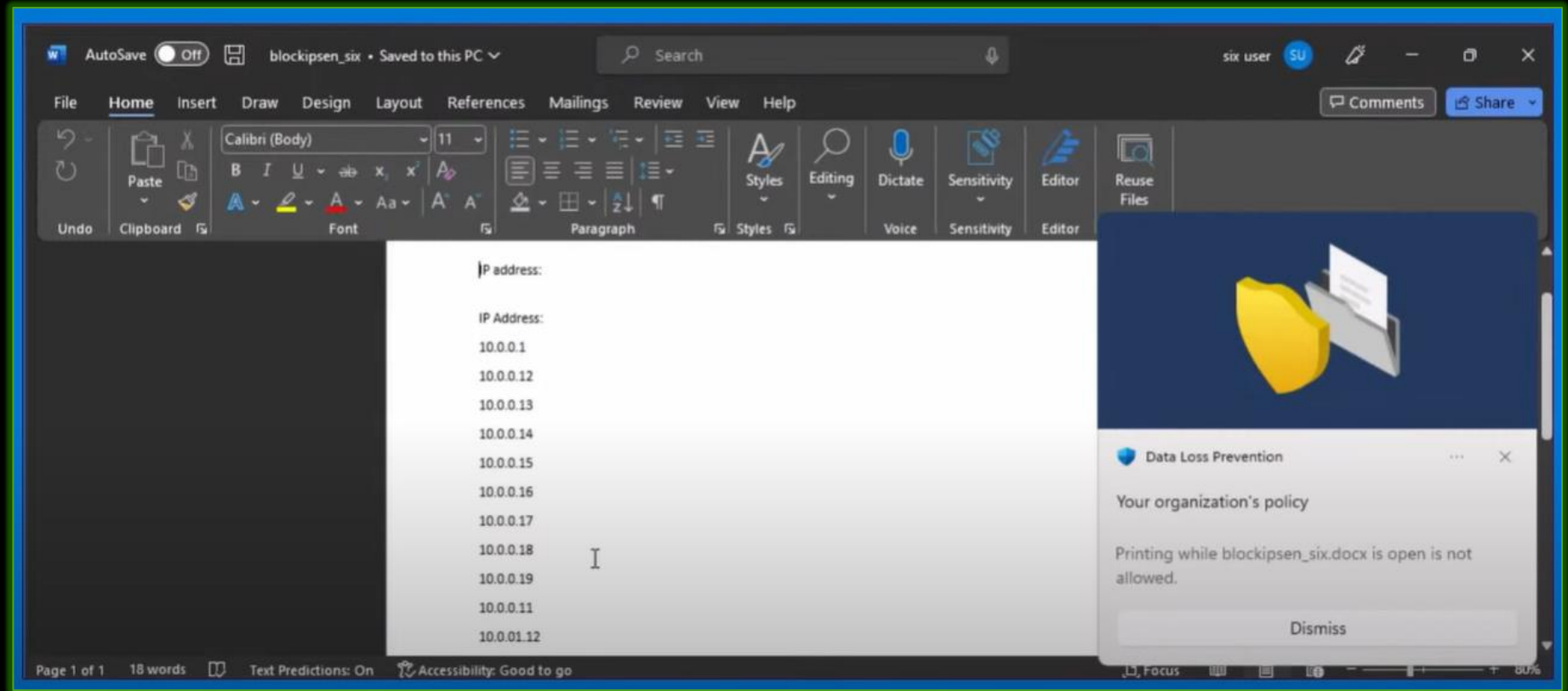
☒ Microsoft Purview Customer Key
Customer Key helps you meet regulatory or compliance obligations for controlling root keys.

Save



DLP - Windows 365 Cloud PC

- DLP applied via Purview





Alerting & Dashboards - Windows 365 Cloud PC

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Home > Reports > Cloud PC overview >

Cloud PC recommendations

Overview View devices View by model

Refresh Export Columns

The device view allows you to see the complete set of recommendations available for your Windows 365 Cloud PCs. [Learn more](#)

Search Add filter

Device name	Username	Usage category	Current size	Recommended size	Total time connected (last 4 w)
Cloud PC - Ana Bowman	anab@contoso.com	Undersized	2vCPU/4GB/64GB	2vCPU/4GB/128GB	122 h
Cloud PC - Grace Taylor	gracet@contoso.com	Undersized	2vCPU/8GB/128GB	2vCPU/8GB/256GB	125 h
Cloud PC - Cora Thomas	corat@contoso.com	Oversized	4vCPU/16GB/128GB	2vCPU/8GB/256GB	95 h
Cloud PC - Kiana Anders	kianaa@contoso.com	Undersized	2vCPU/4GB/64GB	2vCPU/4GB/128GB	99 h
Cloud PC - Mario Rogers	marior@contoso.com	Underutilized	8vCPU/32GB/256GB		0 h
Cloud PC - Parker McLean	parkerp@contoso.com	Oversized	4vCPU/16GB/128GB	2vCPU/8GB/256GB	78 h
Cloud PC - Riley Ramirez	rileyr@contoso.com	Oversized	4vCPU/16GB/128GB	2vCPU/8GB/256GB	56 h
Cloud PC - Sydney Mattos	sydneyem@contoso.com	Underutilized	8vCPU/32GB/256GB		0 h
Cloud PC - Shawn Hugh...	shawnh@contoso.com	Underutilized	8vCPU/32GB/128GB		0 h

Microsoft Intune admin center

Home > Reports > Cloud PC overview >

Cloud PC recommendations

Overview View devices View by model

Refresh Export Columns

The model view allows you to see recommendations summarized by model. This can help pinpoint models that may not be a good fit for your workloads. [Learn more](#)

Search Add filter

Current Cloud PC size	Undersized	Oversized	Underutilized
Cloud PC Enterprise 2 vCPU, 8 GB, 256 GB	26	12	3
Cloud PC Enterprise 8 vCPU, 32 GB, 256 GB	13	22	0
Cloud PC Enterprise 2 vCPU, 4 GB, 128 GB	30	0	2
Cloud PC Enterprise 2 vCPU, 4 GB, 256 GB	12	0	0
Cloud PC Enterprise 8 vCPU, 32 GB, 128 GB	9	8	0

Microsoft Endpoint Manager admin center

Home > Tenant administration >

Tenant administration | Alerts

Search (Ctrl+/) Alerts Alert rules

Refresh Export Columns

Review alerts for details about impacted devices

Search Severity

Critical	Warning	Informational
10	17	1

Name ↑

Cloud PCs that aren't available

Custom Image Upload failed for over 25 Cloud PCs

Provisioning policy failed for more than 20 Cloud PCs

On Premise Network Connection failure blocked for more than 20 Cloud PCs

Cloud PC license expiration is about to wipe out 20 Cloud PCs

VPN server unhealthy

VPN server health metrics in warning

APNS certificate is about to expire for more than 20 Cloud PCs

Apple Business Manager token is about to expire for more than 20 Cloud PCs

Apple Volume Purchase Program token is about to expire for more than 20 Cloud PCs

Microsoft Defender for Endpoint connector failed for more than 20 Cloud PCs

Windows 10 security update failed for over 50% of Cloud PCs

Microsoft Intune admin center

Home > Reports > Cloud PC overview >

Cloud PC recommendations

Overview View devices View by model

The Cloud PC advisor is designed to help you find the optimal configuration and licensing for your Cloud PCs based on utilization and performance needs. Find the right balance between performance and total cost of ownership (TCO), especially if your needs change over time. [See how Windows 365 calculates these recommendations](#)

Cloud PCs by size

Last refreshed on 9/8/23, 9:36 AM

Right-sized	Undersized	Oversized	Underutilized
1362	90	42	5

Reclaim underutilized licenses

Optimize total cost of ownership (TCO) by reclaiming unused Windows 365 licenses from users who have not logged in for a long time or at all. You can use Cloud PC Recommendations to identify inactive users, and this way you can optimize your license utilization and avoid paying for idle resources.

[View recommendations](#)

Resize undersized Cloud PCs

Users with undersized Cloud PCs may experience poor performance, slow response times, or application crashes. You can use Cloud PC Recommendations to find undersized Cloud PCs and a recommended SKU selection for each device.

[View recommendations](#)

Resize oversized Cloud PCs

Users that may have an oversized Cloud PC could be driving higher total cost of ownership (TCO) without seeing a tangible benefit to their experience. Cloud PC Recommendations can identify oversized devices and provide a recommended SKU option for resizing.

[View recommendations](#)



Miscellaneous - Windows 365 Cloud PC

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- **End users can restart their Windows Cloud PC using the keyboard**
 - For newly created Cloud PCs, end users can now restart or shut down their Cloud PC by using the keyboard combination CTL+ALT+DEL. This doesn't apply to Cloud PCs created before 1/31/2024
- **Windows 365 Boot**
 - Manage local PC settings through Windows 365 Boot (preview)
 - Windows 365 Boot sign-in page customisation (preview)
 - Windows 365 Boot device modes - shared and dedicated (preview)
- **Partner Integration – VMware aka KKR**
 - You can access Windows 365 Cloud PC using VMware Unified Access Gateway and the BLAST Protocol



Demo

- Windows 365 Boot
- Windows 365 Switch
- Intune Portal – Windows 365 Configuration





Thank You



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