

Windows 365!

The power of Windows 365



Sponsors



Getting to know the audience

Do you know what
Windows 365 is?

Does anyone have experience
with Windows 365?

Do you want to learn more about
Windows 365?

Introduction



BRAINPULSE IT
CONSULTANCY & TRAINING

- 34 years - Dordrecht, Netherlands
- Freelance Microsoft (Cloud) Consultant @ Brainpulse IT
- Microsoft MVP Enterprise Mobility & Microsoft Certified Trainer
- Modern Workplace, EUC, AVD/W365, Azure en DevOps
- Co-Founder Virtual Desktop Community, DVDUG & Azure Thursday

StefanDingemanse.com

@Sdingemanse

Stefan@brainpulse.it



Contents

- What is Windows 365
- Use cases
- Difference between AVD W365
- Preparing for Windows 365
- Deployment overview
- DEMO
- User Experience
- Automating Windows 365
- DEMO
- Troubleshooting and support
- Tips and tricks



What is Windows 365

What is Windows 365?

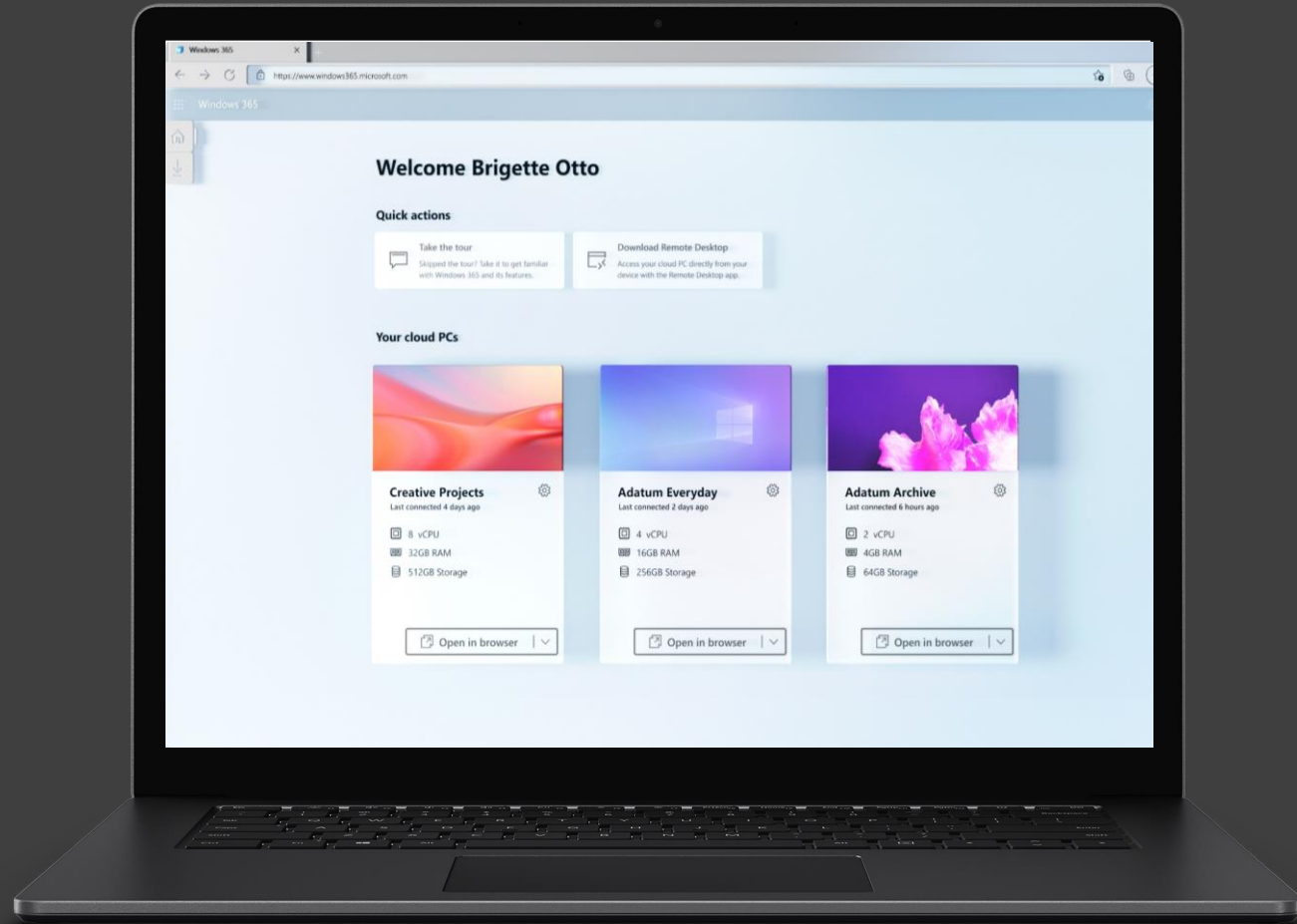
Windows 365 editions

Responsibilities Matrix

Deployment option

Introduction

What is Windows 365?



WINDOWS 365 BUSINESS

- ☒ ... If you want simplicity
- ☒ Max. 300 licenses per tenant
- ☒ Has no Azure Network Connection (Bring-your-own-network)
- ☒ Managed via windows365.microsoft.com

WINDOWS 365 ENTERPRISE

- ☒ ... If you want all of the features
- ☒ No limit on the number of licenses
- ☒ Supports an Azure Network Connection (Bring-your-own-network)
- ☒ Managed via Intune
- ☒ Custom Images

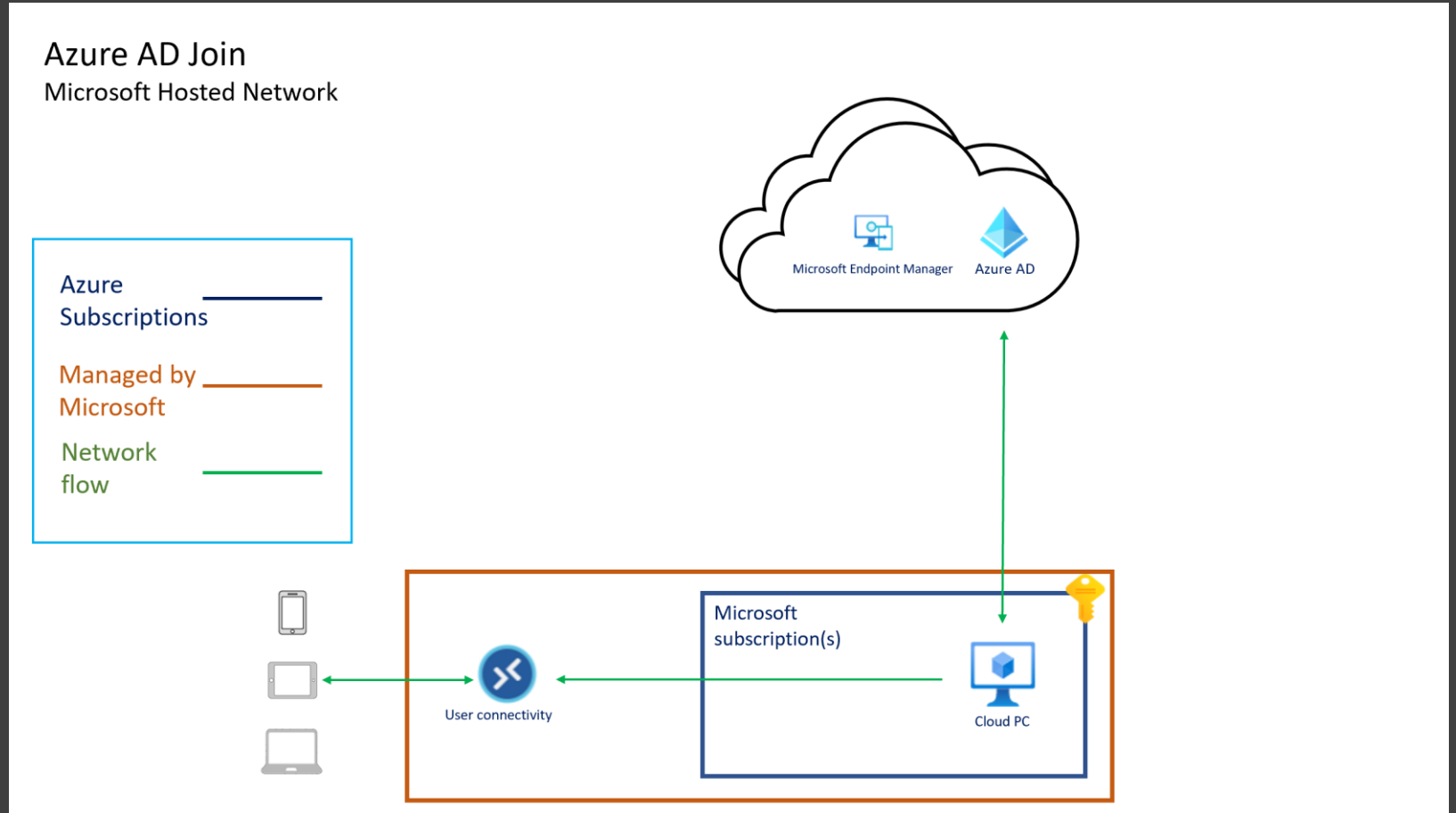
Windows 365 Cloud PC Responsibilities Matrix

Deployment, Life-Cycle and Configuration	
Microsoft Responsibility	Microsoft Endpoint Manager
Microsoft Responsibility	Azure Virtual Desktop resources for Windows 365
Microsoft Responsibility	Windows 365 Service
Microsoft Responsibility	Virtual Machines
Microsoft Responsibility	Virtual NICs for Cloud PCs
Customer Responsibility	Virtual Network
Customer Responsibility	Operating System
Customer Responsibility	Applications
Customer Responsibility	User Identities

- Microsoft Responsibility
- Customer Responsibility
- Microsoft/Customer subscription ownership

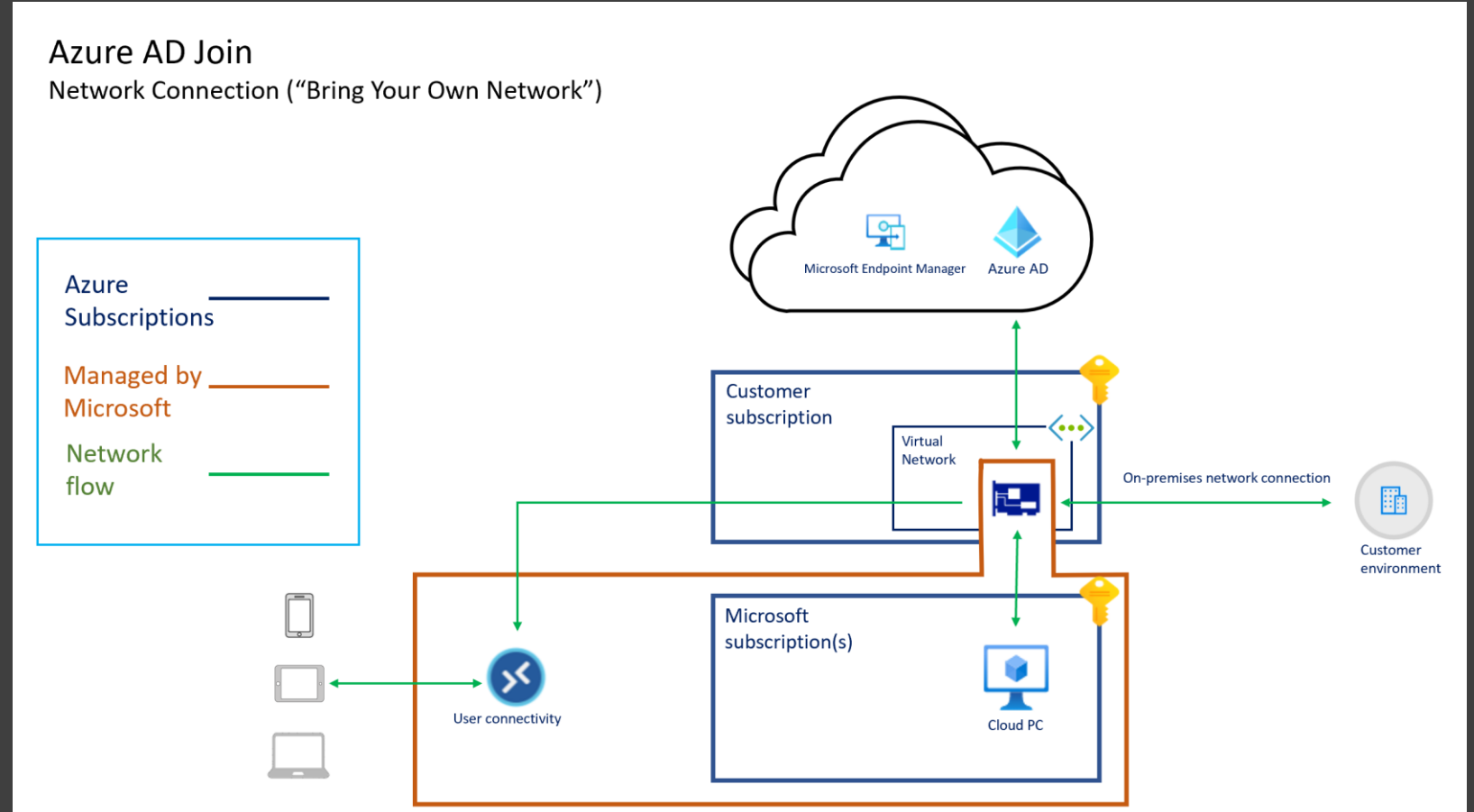
Windows 365 Deployment options

- Azure AD Join



Windows 365 Deployment options

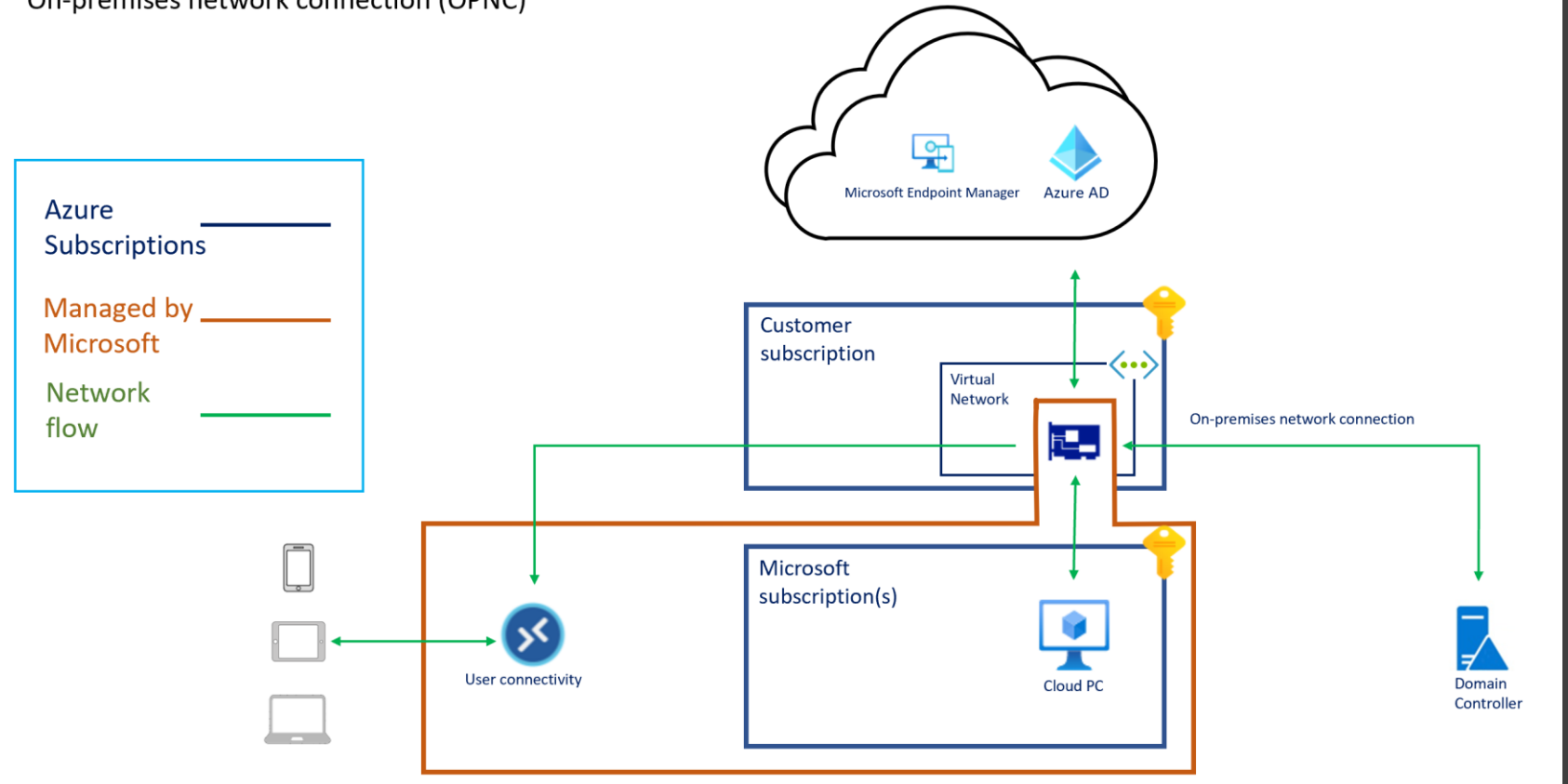
- Azure AD Join
- Bring your Own Network



Windows 365 Deployment options

- Hybrid Azure AD Join
- On-Prem Network

Hybrid Azure AD Join On-premises network connection (OPNC)



Use cases

Windows 365 unlocks key hybrid work scenarios



Data security

Improve regulatory compliance and IP protection via data centralization and a reduced threat surface.



High-capacity computing

Cloud-scale compute and storage to support specialized workloads like design and development.



BYOPC programs

Enable secure Cloud PCs, even on personal devices.



Disaster recovery

Help ensure continuity and access for your workforce and company data even in the most challenging circumstances.



Temporary workforces

Simplify and accelerate the onboarding and offboarding process for elastic workforces.



Mergers & Acquisitions

Provide seamless transitions and access for growing businesses.

Differences AVD and Windows 365

Or is it the same?

Differences between AVD and Windows 365

- Built on Azure Virtual Desktop
- Uses the same AVD control plane
- Uses the same AVD clients
- Windows 365 is optimized for simplicity
- AVD is optimized for flexibility

Difference between AVD and Windows 365

Cloud PC – Windows 365	Cloud VDI – Azure Virtual Desktop
Windows 10/11	Windows 10/11, Windows Server 2012+ multi-session desktops
Full Desktops	Full Desktops and Remote Apps
Microsoft Endpoint Manager (Enterprise Edition)	Full control over configuration and management. Azure portal and MEM
Predictable per user per month pricing	Flexible consumption-based pricing
Dedicated VM's	Dedicated and pooled with user profile management
Limited SKU in 22 regions	All VM SKU's in all regions
No GPU support	GPU Support
Simple management	Complex management
A PC in the cloud	Virtual Desktop Platform

Difference between AVD and Windows 365

Cloud PC – Windows 365	Cloud VDI – Azure Virtual Desktop
Windows 10/11	Windows 7, Windows 10/11, Windows Server 2012+ multi-session desktops
Full Desktops	Full Desktops and RemoteApps
Microsoft Endpoint Manager (Enterprise Edition)	Full control over configuration and management. Azure portal and MEM
Predictable per user per month pricing	Flexible consumption-based pricing
Dedicated VM's	Dedicated and pooled with user profile management
Limited SKU in 22 regions	All VM SKU's in all regions
No GPU support	GPU Support
Simple management	Complex management
A PC in the cloud	Virtual Desktop Platform

Difference between AVD and Windows 365

Cloud PC – Windows 365	Cloud VDI – Azure Virtual Desktop
Windows 10/11	Windows 7, Windows 10/11, Windows Server 2012+ multi-session desktops
Full Desktops	Full Desktops and RemoteApps
Microsoft Endpoint Manager (Enterprise Edition)	Full control over configuration and management. Azure portal and MEM
Predictable per user per month pricing	Flexible consumption-based pricing
Dedicated VM's	Dedicated and pooled with user profile management
Limited SKU in 22 regions	All VM SKU's in all regions
No GPU support	GPU Support
Simple management	Complex management
A PC in the cloud	Virtual Desktop Platform

Difference between AVD and Windows 365

Cloud PC – Windows 365	Cloud VDI – Azure Virtual Desktop
Windows 10/11	Windows 7, Windows 10/11, Windows Server 2012+ multi-session desktops
Full Desktops	Full Desktops and RemoteApps
Microsoft Endpoint Manager (Enterprise Edition)	Full control over configuration and management. Azure portal and MEM
Predictable per user per month pricing	Flexible consumption-based pricing
Dedicated VM's	Dedicated and pooled with user profile management
Limited SKU in 22 regions	All VM SKU's in all regions
No GPU support	GPU Support
Simple management	Complex management
A PC in the cloud	Virtual Desktop Platform

Difference between AVD and Windows 365

Cloud PC – Windows 365	Cloud VDI – Azure Virtual Desktop
Windows 10/11	Windows 7, Windows 10/11, Windows Server 2012+ multi-session desktops
Full Desktops	Full Desktops and RemoteApps
Microsoft Endpoint Manager (Enterprise Edition)	Full control over configuration and management. Azure portal and MEM
Predictable per user per month pricing	Flexible consumption-based pricing
Dedicated VM's	Dedicated and pooled with user profile management
Limited SKU in 22 regions	All VM SKU's in all regions
No GPU support	GPU Support
Simple management	Complex management
A PC in the cloud	Virtual Desktop Platform

Difference between AVD and Windows 365

Cloud PC – Windows 365	Cloud VDI – Azure Virtual Desktop
Windows 10/11	Windows 7, Windows 10/11, Windows Server 2012+ multi-session desktops
Full Desktops	Full Desktops and RemoteApps
Microsoft Endpoint Manager (Enterprise Edition)	Full control over configuration and management. Azure portal and MEM
Predictable per user per month pricing	Flexible consumption-based pricing
Dedicated VM's	Dedicated and pooled with user profile management
Limited SKU in 22 regions	All VM SKU's in all regions
No GPU support	GPU Support
Simple management	Complex management
A PC in the cloud	Virtual Desktop Platform

Difference between AVD and Windows 365

Cloud PC – Windows 365	Cloud VDI – Azure Virtual Desktop
Windows 10/11	Windows 7, Windows 10/11, Windows Server 2012+ multi-session desktops
Full Desktops	Full Desktops and RemoteApps
Microsoft Endpoint Manager (Enterprise Edition)	Full control over configuration and management. Azure portal and MEM
Predictable per user per month pricing	Flexible consumption-based pricing
Dedicated VM's	Dedicated and pooled with user profile management
Limited SKU in 22 regions	All VM SKU's in all regions
No GPU support	GPU Support
Simple management	Complex management
A PC in the cloud	Virtual Desktop Platform

Difference between AVD and Windows 365

Cloud PC – Windows 365	Cloud VDI – Azure Virtual Desktop
Windows 10/11	Windows 7, Windows 10/11, Windows Server 2012+ multi-session desktops
Full Desktops	Full Desktops and RemoteApps
Microsoft Endpoint Manager (Enterprise Edition)	Full control over configuration and management. Azure portal and MEM
Predictable per user per month pricing	Flexible consumption-based pricing
Dedicated VM's	Dedicated and pooled with user profile management
Limited SKU in 22 regions	All VM SKU's in all regions
No GPU support	GPU Support
Simple management	Complex management
A PC in the cloud	Virtual Desktop Platform

Difference between AVD and Windows 365

Cloud PC – Windows 365	Cloud VDI – Azure Virtual Desktop
Windows 10/11	Windows 7, Windows 10/11, Windows Server 2012+ multi-session desktops
Full Desktops	Full Desktops and RemoteApps
Microsoft Endpoint Manager (Enterprise Edition)	Full control over configuration and management. Azure portal and MEM
Predictable per user per month pricing	Flexible consumption-based pricing
Dedicated VM's	Dedicated and pooled with user profile management
Limited SKU in 22 regions	All VM SKU's in all regions
No GPU support	GPU Support
Simple management	Complex management
A PC in the cloud	Virtual Desktop Platform

Azure Virtual Desktop Gateway Service Geographies



Guide to choosing the right cloud solution

If you want:

✓ Cloud PC

A complete facilitated SaaS Microsoft service

No VDI skills required

Windows 365

Business

No prerequisites
(<300 users)

Enterprise

Fully unified
endpoint management

- ✓ Remote app streaming
- ✓ Multi-session/non-persistent desktops
- ✓ Citrix/VMware/hybrid cloud scenarios
- ✓ Choose any Azure VM (e.g. GPU)
- ✓ Low-usage scenarios

Full control with a cloud VDI platform

VDI and Azure IT skills required

Azure
Virtual Desktop

✓ Personalized, persistent desktops



It depends on your...
Business model
IT skills/experience
IT priorities









Windows 365

Azure
Virtual Desktop

Preparing for Windows 365

Requirements

Requirements

License		Users w/ Windows Pro endpoints: W10 E3 + EMS ¹ E3 or M365 F3/E3/E5/BP Users w/ Non-Windows Pro endpoints: Win VDA E3 + EMS ¹ E3 or M365 F3/E3/F5/BP
Azure Subscription		At least 1 needed for an Azure Virtual Network
Network		Azure Virtual Network with line of sight to Domain Controller
Machine Identity		Hybrid Azure AD Join (HAADJ) – (AAD Connect) or Azure AD Join
User Identity		Hybrid Identity or Cloud-only identity
Image		Gallery or BYO in Azure (Win10 Ent 19H1+)
Management		Microsoft Endpoint Manager (supports SCCM co-management)
Admin Permissions		M365: Intune Service Admin (standard MEM RBAC after provisioning) Azure: Subscription Owner (setup network connection)

Deployment overview

Assign licenses

Create Azure network connection

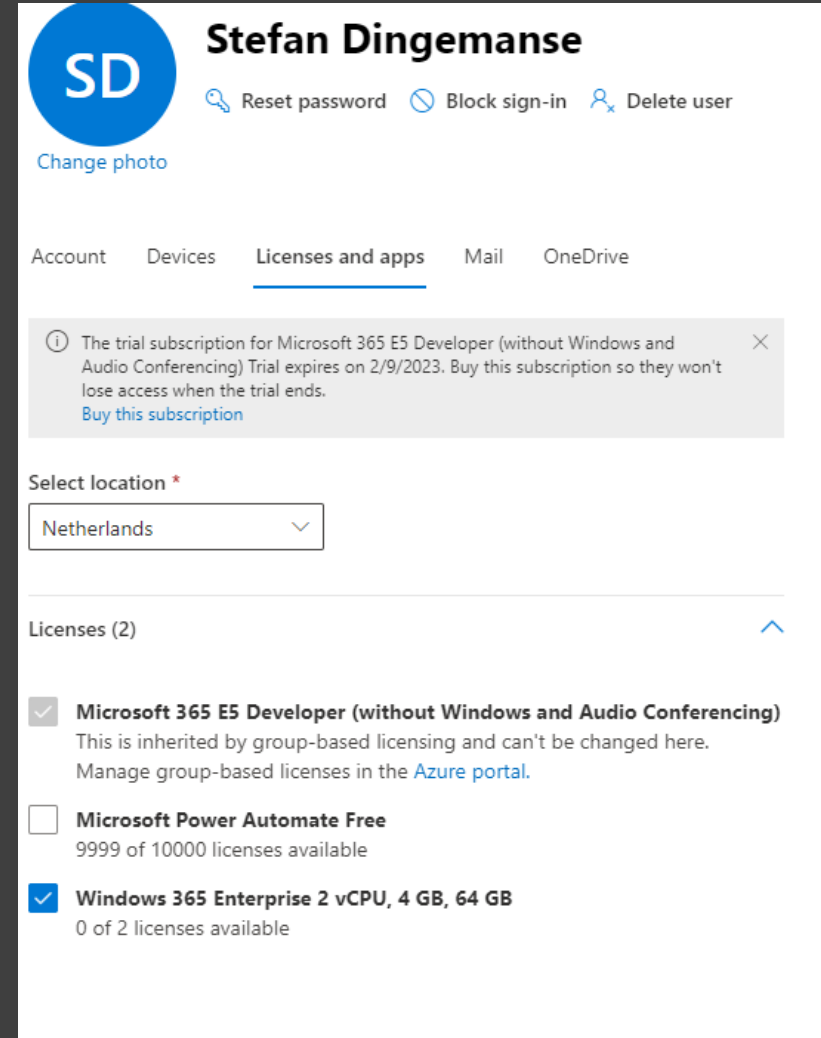
Add your own image (optional)

Create provisioning policy

Create a user settings policy

Assign licenses

- Microsoft 365 admin center / AAD portal
- Group Based/User Assigned licenses
- No license -> No Provisioning



The screenshot shows the user profile for Stefan Dingemanse in the Microsoft 365 admin center. The profile includes a blue circular avatar with the initials 'SD', a 'Change photo' link, and action links for 'Reset password', 'Block sign-in', and 'Delete user'. Below the profile is a navigation bar with tabs for 'Account', 'Devices', 'Licenses and apps' (which is selected), 'Mail', and 'OneDrive'. A notification banner states: 'The trial subscription for Microsoft 365 E5 Developer (without Windows and Audio Conferencing) Trial expires on 2/9/2023. Buy this subscription so they won't lose access when the trial ends. Buy this subscription'. Below the notification is a 'Select location' dropdown menu currently set to 'Netherlands'. The 'Licenses (2)' section lists three licenses: 'Microsoft 365 E5 Developer (without Windows and Audio Conferencing)' (checked), 'Microsoft Power Automate Free' (unchecked), and 'Windows 365 Enterprise 2 vCPU, 4 GB, 64 GB' (checked).

Stefan Dingemanse
Reset password Block sign-in Delete user
Change photo

Account Devices **Licenses and apps** Mail OneDrive

① The trial subscription for Microsoft 365 E5 Developer (without Windows and Audio Conferencing) Trial expires on 2/9/2023. Buy this subscription so they won't lose access when the trial ends.
[Buy this subscription](#)

Select location *
Netherlands

Licenses (2)

- ☒ **Microsoft 365 E5 Developer (without Windows and Audio Conferencing)**
This is inherited by group-based licensing and can't be changed here.
Manage group-based licenses in the [Azure portal](#).
- ☐ **Microsoft Power Automate Free**
9999 of 10000 licenses available
- ☒ **Windows 365 Enterprise 2 vCPU, 4 GB, 64 GB**
0 of 2 licenses available

Create Azure network connection

- Connect W365 to an Azure Virtual Network

Home > Devices | Windows 365 >

Create a Hybrid Azure AD Join Connection ...

Windows 365

1 Network details 2 AD domain 3 Review + create

Select an Azure virtual network associated with your account to establish an Azure network connection (ANC). This will allow Cloud PCs to be provisioned, joined to domain, and managed by Microsoft Endpoint Manager. [Learn more about Cloud PC networks](#)

Name * ⓘ

Join type ⓘ

Subscription * ⓘ

└─ Resource group ⓘ

└─ Virtual network ⓘ

└─ Subnet ⓘ

Create Azure network connection

- Choose between Azure AD Join or Hybrid Azure AD Join
 - Active directory domain information

Home > Devices | Windows 365 >

Create a Hybrid Azure AD Join Connection ...

Windows 365

✓ Network details **2 AD domain** 3 Review + create

Active Directory domain information and credentials are required to create Cloud PCs in the specified virtual networks, join them to the domain, and perform other service operations. [Learn more about AD domain](#)

AD DNS domain name * ⓘ

Organizational Unit ⓘ

AD username UPN * ⓘ

AD domain password * ⓘ

Confirm AD domain password * ⓘ

Create Azure network connection

- Needs Network Contributor Rights on the VNET

Home > Devices | Windows 365 >

Create a Hybrid Azure AD Join Connection

Windows 365

1 Network details 2 AD domain 3 Review + create

Select an Azure virtual network associated with your account to establish an Azure network connection (ANC). This will allow Cloud PCs to be provisioned, joined to domain, and managed by Microsoft Endpoint Manager. [Learn more about Cloud PC networks](#)

Name * ⓘ

Join type ⓘ Hybrid Azure AD Join

Subscription * ⓘ

Resource group ⓘ

Virtual network ⓘ

Subnet ⓘ

User settings

- Enable Local admin
- Allow users to restore
- Frequency of restore-point
 - 4/6/12/16/24 hours
 - 12 restore points

[Home](#) > [Devices](#) | [Windows 365](#) >

BPS - W365 Default User Settings ...

Settings [Edit](#)

Name	BPS - W365 Default User Settings
Enable Local admin	Yes
Allow user to initiate restore service	Yes
Frequency of restore-point service	Every 4 hours

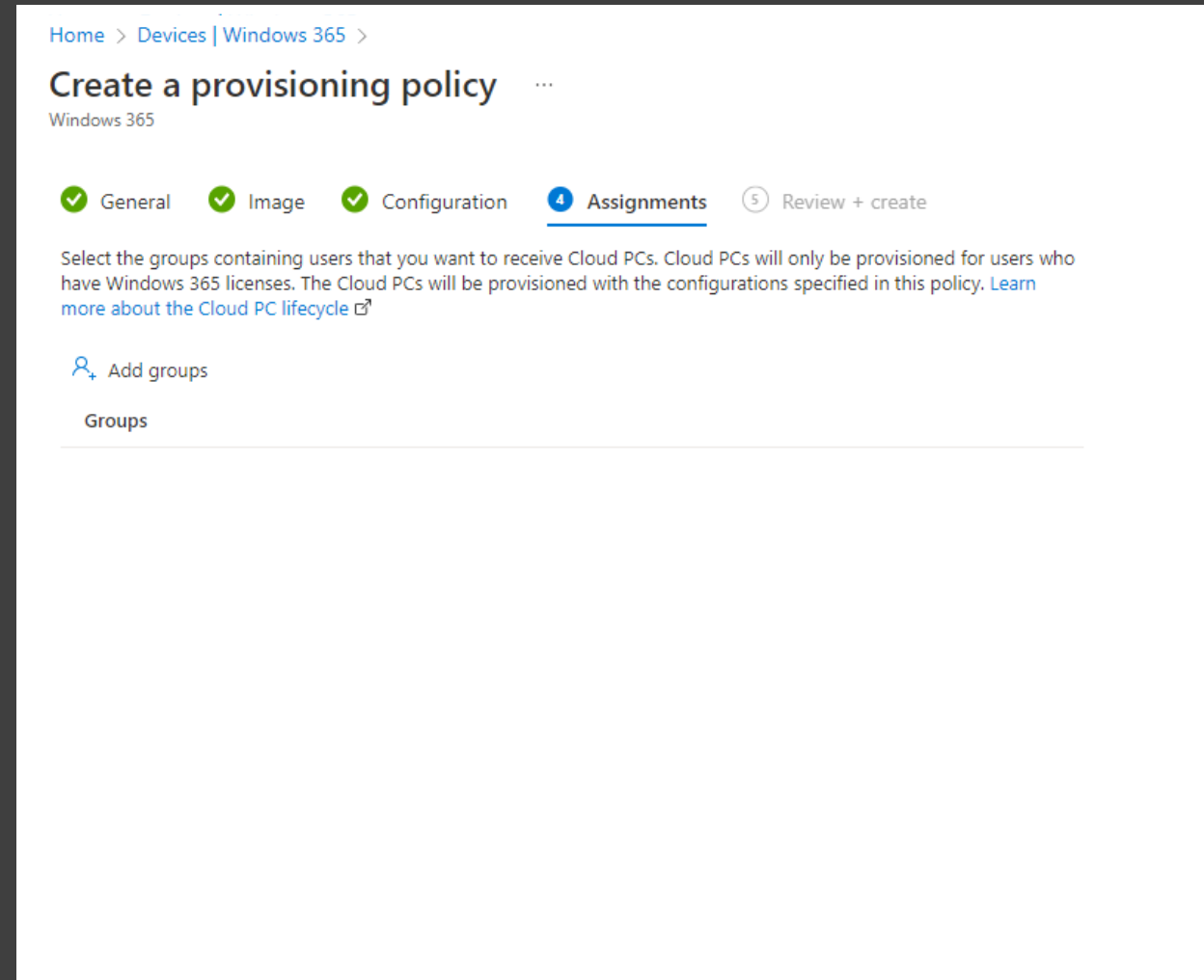
Assignments [Edit](#)

Groups

W365-WE-ProvisioningPolicy

Create the provisioning policy

- Engine which does the provisioning of the Cloud PC
- Requires:
 - Join type
 - Network
 - Azure network connection
 - Image
 - Gallery / custom
 - Language & Region
 - Additional services
 - Assign an Azure AD Group



The screenshot shows the 'Create a provisioning policy' page in the Windows 365 admin console. The breadcrumb navigation at the top is 'Home > Devices | Windows 365 >'. The page title is 'Create a provisioning policy' with a three-dot menu icon. Below the title is the subtitle 'Windows 365'. A progress bar at the top indicates the current step: 'General' (checked), 'Image' (checked), 'Configuration' (checked), 'Assignments' (active, step 4), and 'Review + create' (step 5). The main content area for the 'Assignments' step contains the text: 'Select the groups containing users that you want to receive Cloud PCs. Cloud PCs will only be provisioned for users who have Windows 365 licenses. The Cloud PCs will be provisioned with the configurations specified in this policy. [Learn more about the Cloud PC lifecycle](#)'. Below this text is a button labeled 'Add groups' with a plus icon. At the bottom, there is a section header 'Groups' followed by a horizontal line.

DEMO

Manual deployment

Brainpulse IT B.V. (brainpulse.cloud) ...

Home

Microsoft Managed Desktop

Status

Errors/failures

3

Healthy

5

Connector status

2 errors

Device compliance

1 device not in compliance

Account status

Active

Client apps

No installation failures

Device configuration

No policies with error or conflict

Service health

Healthy

Windows 365

All in compliance

Guided scenarios

See all >

Deploy Edge for mobile

Configure Edge for use at work and deploy it to the iOS and Android devices managed by your organization.

Start

What's happening in Intune

What's new in Microsoft Intune

Features in development

UI updates for Intune end-user apps

News

Increase productivity with Cloud PCs

Easily provision Windows 365 Cloud PCs and manage them alongside your physical devices.

Explore

Intune Customer Success blog

See all >

Troubleshooting the Microsoft Store and Microsoft Intune integration

Expanding support for Attack surface reduction rules with Microsoft Intune

New Microsoft Intune troubleshooting experience

Deploy Windows 10 and later in cloud configuration

Optimize devices running Windows 10 or later for the cloud with a simple, secure, standardized configuration fit for your needs.

Start

User Experience

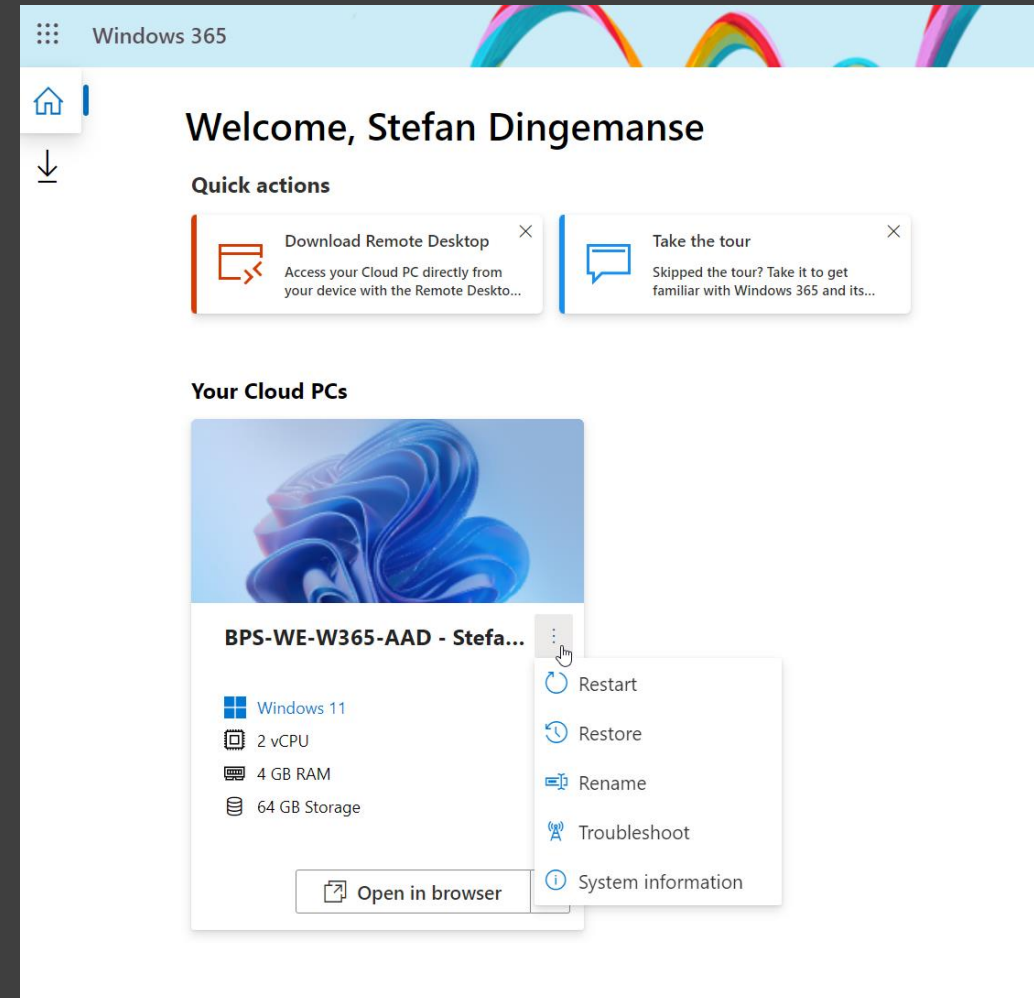
Cloud PC Web Access

Windows 365 Apps

Cloud PC Web Access

Navigate to windows365.microsoft.com

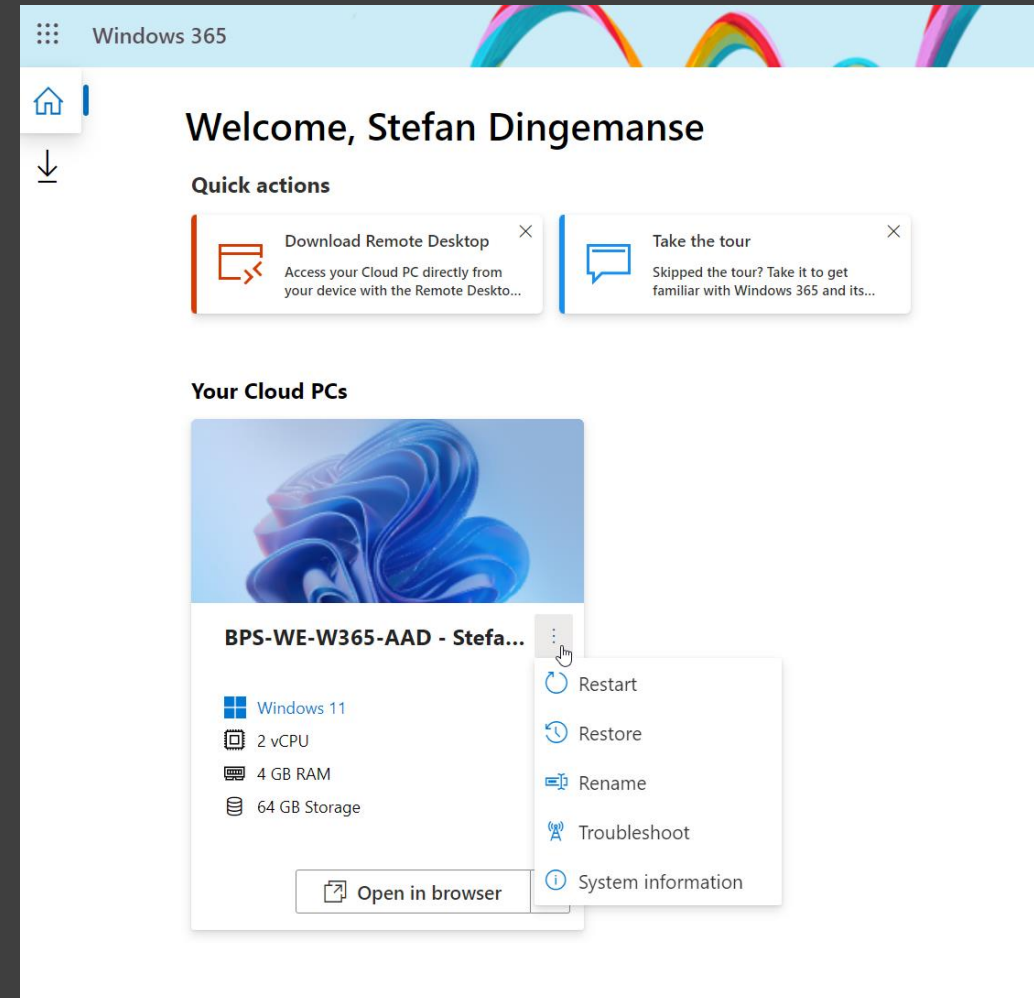
- Desktop
- Connect
- Download native clients



Cloud PC Web Access

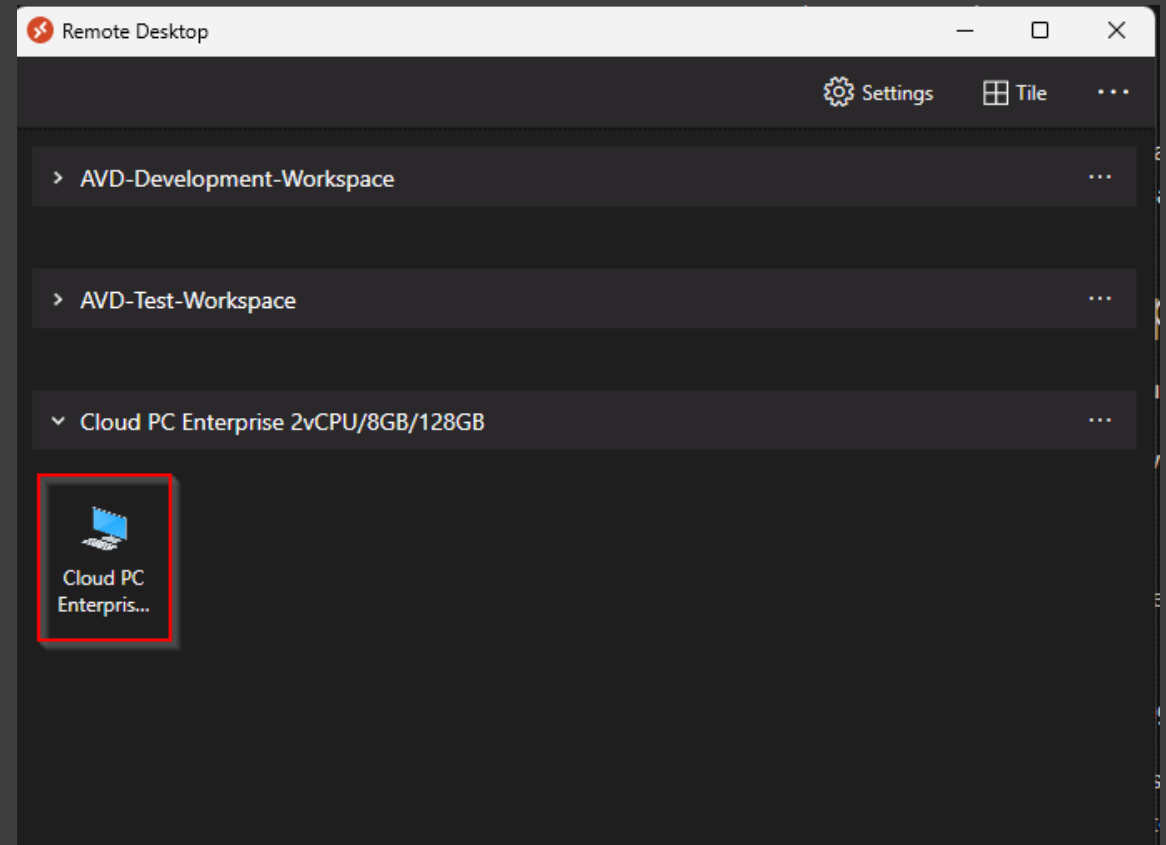
Self-service options

- Reboot your Cloud PC
- Point-in-time Restore
- Rename your desktop
- Troubleshoot



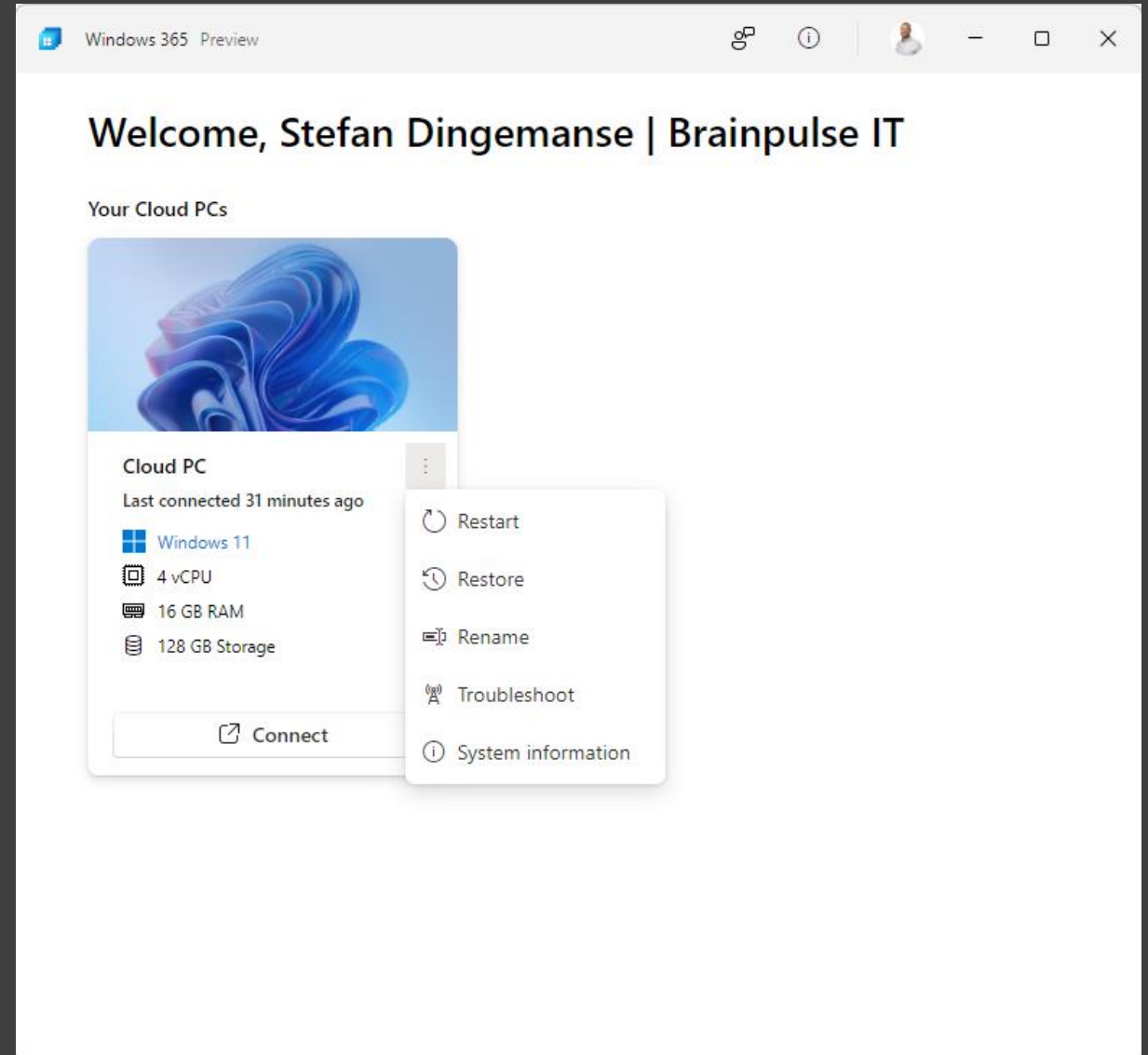
Remote Desktop

- Microsoft Remote Desktop
 - Same client as AVD
 - Multi-monitor experience



Windows 365 App

- Windows 10/11 (Preview)
- Restore from the App



Automating Windows 365

PSCloudPC and PowerShell

PSCloudPC

- Why?
- Requirements
- Commands
- Demo

Why?

Microsoft Endpoint Manager admin center

Home

Dashboard

All services

Devices

Apps

Endpoint security

Reports

Users

Groups

Tenant administration

Troubleshooting + support

Home > Devices | Windows 365 >

Create a provisioning policy

Windows 365

General

Image

Configuration

Assignments

Review + create

General

Name

Demo - Windows 365

Description

NielsKok.tech

Use single sign-on (preview)

Yes

Join type

Azure AD Join

Geography

European Union

Region

West Europe

Image

Image type

Gallery

Windows 11 Enterprise + Microsoft 365 Apps

22H2

Configuration

Language & Region

English (United States)

Additional Services

None

Assignments

Groups

MDM_UserGroup

Previous

Create

Microsoft Graph X-Ray

Save script

Clear session

GET /groups/653967ee-8c68-446f-93b7-e9db78eae72/photos/48x48/\$value

GET /groups/474494ef-3631-4d20-92fa-762b41f07396/photos/48x48/\$value

POST https://graph.microsoft.com/beta/deviceManagement/virtualEndpoint/provisi

Import-Module Microsoft.Graph.DeviceManagement.Administration

\$params = @{

DisplayName = "Demo - Windows 365"

Description = "NielsKok.tech"

ProvisioningType = "dedicated"

ManagedBy = "windows365"

ImageId = "MicrosoftWindowsDesktop_windows-ent-cpc_win11-22h2-

ent-cpc-m365"

ImageDisplayName = "Windows 11 Enterprise + Microsoft 365 Apps

22H2"

ImageType = "gallery"

MicrosoftManagedDesktop = @{

Type = "notManaged"

Profile = ""

}

EnableSingleSignOn = \$true

DomainJoinConfiguration = @{

Type = "azureADJoin"

RegionName = "westeurope"

RegionGroup = "europeUnion"

OnPremisesConnectionId = \$null

}

WindowsSettings = @{

Language = "en-US"

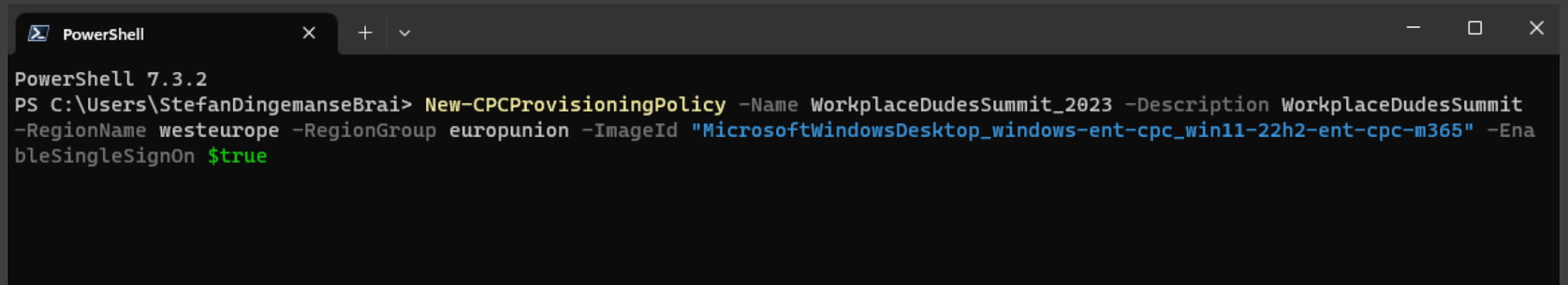
}

}

New-MgDeviceManagementVirtualEndpointProvisioningPolicy -BodyParameter

\$params

Why?



```
PowerShell 7.3.2
PS C:\Users\StefanDingemanseBrai> New-CPCProvisioningPolicy -Name WorkplaceDudesSummit_2023 -Description WorkplaceDudesSummit
-RegionName westeurope -RegionGroup europunion -ImageId "MicrosoftWindowsDesktop_windows-ent-cpc_win11-22h2-ent-cpc-m365" -Ena
bleSingleSignOn $true
```

Why?

Custom images Azure network connection User settings ...

+ Add Refresh

Search

 ⓘ

+ Add filter

Name ↑↓	Assigned ↑↓	Date created ↑↓	
Windows 365 Demo - Portal	Yes	2/13/2023, 12:09:11 PM	...
Windows 365 Demo	Yes	2/13/2023, 11:53:20 AM	...
UserSettings_NielsKok.tech	Yes	1/17/2023, 8:55:00 AM	...

GET /groups/93f2df51-93d1-4221-8574-585888a5d06d/photos/48x48/\$value

POST
https://graph.microsoft.com/beta/deviceManagement/virtualEndpoint/userSet

```
Import-Module Microsoft.Graph.DeviceManagement.Administration

$params = @{
    DisplayName = "Windows 365 Demo - Portal"
    LocalAdminEnabled = $false
    RestorePointSetting = @{
        UserRestoreEnabled = $true
        FrequencyInHours = 6
    }
}

New-MgDeviceManagementVirtualEndpointUserSetting -BodyParameter $params
```

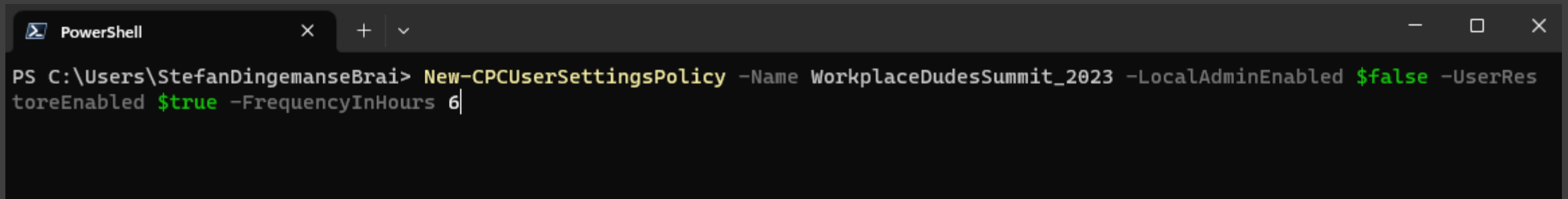
POST
https://graph.microsoft.com/beta/deviceManagement/virtualEndpoint/userSet
edf2-4b63-9ed1-05e0ee5739c3/assign

```
Import-Module Microsoft.Graph.DeviceManagement.Actions

$params = @{
    Assignments = @(
        @{
            Target = @{
                GroupId = "82d63e26-0bc2-48cd-84a7-1ad212650725"
            }
        }
    )
}

Set-MgDeviceManagementVirtualEndpointUserSetting -CloudPcUserSettingId $cloudPcUserSettingId -BodyParameter $params
```


Why?



```
PS C:\Users\StefanDingemanseBrai> New-CPCUserSettingsPolicy -Name WorkplaceDudesSummit_2023 -LocalAdminEnabled $false -UserRestoreEnabled $true -FrequencyInHours 6
```

A screenshot of a PowerShell terminal window. The window has a title bar with the text "PowerShell" and standard window controls (close, maximize, and a dropdown menu). The command prompt shows the user is at the C:\Users\StefanDingemanseBrai directory. The command being entered is "New-CPCUserSettingsPolicy -Name WorkplaceDudesSummit_2023 -LocalAdminEnabled \$false -UserRestoreEnabled \$true -FrequencyInHours 6". The command is split across two lines in the image.

Requirements

- Powershell 7 compatible
- REST API based
- No dependencies
- MFA Support
- Easy usage/adapt

Commands

```
Administrator: C:\Program Files\PowerShell\7\pwsh.exe
PS C:\Windows\System32> Get-Command -Module PScloudPC
```

CommandType	Name	Version	Source
Function	Connect-Windows365	1.0.4	PScloudPC
Function	Get-CloudPC	1.0.4	PScloudPC
Function	Get-CPCAzureNetworkConnection	1.0.4	PScloudPC
Function	Get-CPCCustomImage	1.0.4	PScloudPC
Function	Get-CPCGalleryImage	1.0.4	PScloudPC
Function	Get-CPCOrganizationSettings	1.0.4	PScloudPC
Function	Get-CPCProvisioningPolicy	1.0.4	PScloudPC
Function	Get-CPCRestorePoint	1.0.4	PScloudPC
Function	Get-CPCServicePlans	1.0.4	PScloudPC
Function	Get-CPCSupportedRegion	1.0.4	PScloudPC
Function	Get-CPCUserSettingsPolicy	1.0.4	PScloudPC
Function	Invoke-CPCEndGracePeriod	1.0.4	PScloudPC
Function	Invoke-CPCReprovision	1.0.4	PScloudPC
Function	Invoke-CPCRestore	1.0.4	PScloudPC
Function	New-CPCAzureNetworkConnection	1.0.4	PScloudPC
Function	New-CPCCustomImage	1.0.4	PScloudPC
Function	New-CPCProvisioningPolicy	1.0.4	PScloudPC
Function	New-CPCUserSettingsPolicy	1.0.4	PScloudPC
Function	Remove-CPCAzureNetworkConnection	1.0.4	PScloudPC
Function	Remove-CPCCustomImage	1.0.4	PScloudPC
Function	Remove-CPCProvisioningPolicy	1.0.4	PScloudPC
Function	Remove-CPCUserSettingsPolicy	1.0.4	PScloudPC
Function	Set-CPCProvisioningPolicyAssignment	1.0.4	PScloudPC
Function	Set-CPCUserSettingsPolicyAssignment	1.0.4	PScloudPC
Function	Update-CPCOrganizationSettings	1.0.4	PScloudPC
Function	Update-CPCProvisioningPolicy	1.0.4	PScloudPC
Function	Update-CPCUserSettingsPolicy	1.0.4	PScloudPC

```
PS C:\Windows\System32>
```

Discovery

PowerShell

PS C:\Users\StefanDingemanseBrair> Get-CPCServicePlans | FT

displayName	type	vCpuCount	ramInGB	storageInGB
Cloud PC Business 4vCPU/16GB/128GB	business	4	16	128
Cloud PC Business 4vCPU/16GB/256GB	business	4	16	256
Cloud PC Business 4vCPU/16GB/512GB	business	4	16	512
Cloud PC Enterprise 4vCPU/16GB/128GB	enterprise	4	16	128
Cloud PC Enterprise 4vCPU/16GB/256GB	enterprise	4	16	256
Cloud PC Enterprise 4vCPU/16GB/512GB	enterprise	4	16	512
Cloud PC Enterprise Flex 4vCPU/16GB/128GB	enterprise	4	16	128
Cloud PC Enterprise Flex 4vCPU/16GB/256GB	enterprise	4	16	256
Cloud PC Enterprise Flex 4vCPU/16GB/512GB	enterprise	4	16	512
Cloud PC Business 8vCPU/32GB/128GB	business	8	32	128
Cloud PC Business 8vCPU/32GB/256GB	business	8	32	256
Cloud PC Enterprise 8vCPU/32GB/128GB	enterprise	8	32	128
Cloud PC Enterprise 8vCPU/32GB/256GB	enterprise	8	32	256
Cloud PC Enterprise 8vCPU/32GB/512GB	enterprise	8	32	512
Cloud PC Enterprise Flex 8vCPU/32GB/128GB	enterprise	8	32	128
Cloud PC Enterprise Flex 8vCPU/32GB/256GB	enterprise	8	32	256
Cloud PC Enterprise Flex 8vCPU/32GB/512GB	enterprise	8	32	512
Cloud PC Business 8vCPU/32GB/512GB	business	8	32	512
Cloud PC Enterprise Flex 2vCPU/4GB/128GB	enterprise	2	4	128
Cloud PC Enterprise 2vCPU/4GB/128GB	enterprise	2	4	128
Cloud PC Enterprise Flex 2vCPU/8GB/256GB	enterprise	2	8	256
Cloud PC Enterprise Flex 2vCPU/8GB/128GB	enterprise	2	8	128
Cloud PC Enterprise Flex 2vCPU/4GB/64GB	enterprise	2	4	64
Cloud PC Enterprise Flex 2vCPU/4GB/256GB	enterprise	2	4	256
Cloud PC Enterprise 2vCPU/8GB/256GB	enterprise	2	8	256
Cloud PC Enterprise 2vCPU/4GB/64GB	enterprise	2	4	64
Cloud PC Enterprise 2vCPU/4GB/256GB	enterprise	2	4	256
Cloud PC Enterprise 1vCPU/2GB/64GB	enterprise	1	2	64
Cloud PC Business 2vCPU/8GB/256GB	business	2	8	256
Cloud PC Business 2vCPU/4GB/64GB	business	2	4	64
Cloud PC Business 2vCPU/4GB/256GB	business	2	4	256
Cloud PC Business 1vCPU/2GB/64GB	business	1	2	64
Cloud PC Business 2vCPU/4GB/128GB	business	2	4	128
Cloud PC Business 2vCPU/8GB/128GB	business	2	8	128
Cloud PC Enterprise 2vCPU/8GB/128GB	enterprise	2	8	128

DEMO

Automated configuration and deployment



- Home
- Dashboard
- All services
- Devices
- Apps
- Endpoint security
- Reports
- Users
- Groups
- Tenant administration
- Troubleshooting + support

[Home](#) > [Devices](#)

Devices | Windows 365 ...

[Overview](#)[All devices](#)[Monitor](#)

Windows Autopatch

[Devices](#)[Release management](#)

By platform

[Windows](#)[iOS/iPadOS](#)[macOS](#)[Android](#)[Chrome OS \(preview\)](#)[Linux](#)

Device enrollment

[Enroll devices](#)

Provisioning

[Windows 365](#)

Policy

[Compliance policies](#)[Overview](#)[All Cloud PCs](#)[Provisioning policies](#)[Custom images](#)[Azure network connection](#)[User settings](#)[+ Add](#) [Refresh](#)[+ Add filter](#)

Name ↑↓

Assigned ↑↓

Date created ↑↓

[Windows 365 demo portal](#)

Yes

2/20/2023, 4:14:03 PM

[UserSettings_NielsKok.tech](#)

Yes

1/17/2023, 8:55:00 AM

Troubleshooting & Support

Extra management options

Endpoint Analytics

Extra options

- *Reprovisioning*
- Restoring a Cloud PC
- *Resizing a Cloud PC*
- Troubleshoot
- Analytics
- Microsoft Security Baseline

The screenshot displays the Microsoft Intune console interface for managing a Cloud PC. The top navigation bar shows the path: Home > Devices | Windows > Windows | Windows devices >. The main header identifies the device as 'CPC-sding-8WMA8'. Below the header, there is a search bar and a row of action buttons: Sync, Restart, Restore, Reprovision, and Resize (preview). The 'Reprovision' button is highlighted with a mouse cursor.

A 'Reprovision - CPC-sding-8WMA8' dialog box is open, asking: 'Are you sure you want to reprovision this Cloud PC? If you reprovision this Cloud PC, users will be logged off immediately and all user data will be removed. A new Cloud PC instance will be provisioned. All restore points will be removed and restore points will begin again after the time that the CPC is reprovisioned. If you prefer to return the machine to an earlier state, use Restore instead.' The dialog includes 'Yes' and 'No' buttons.

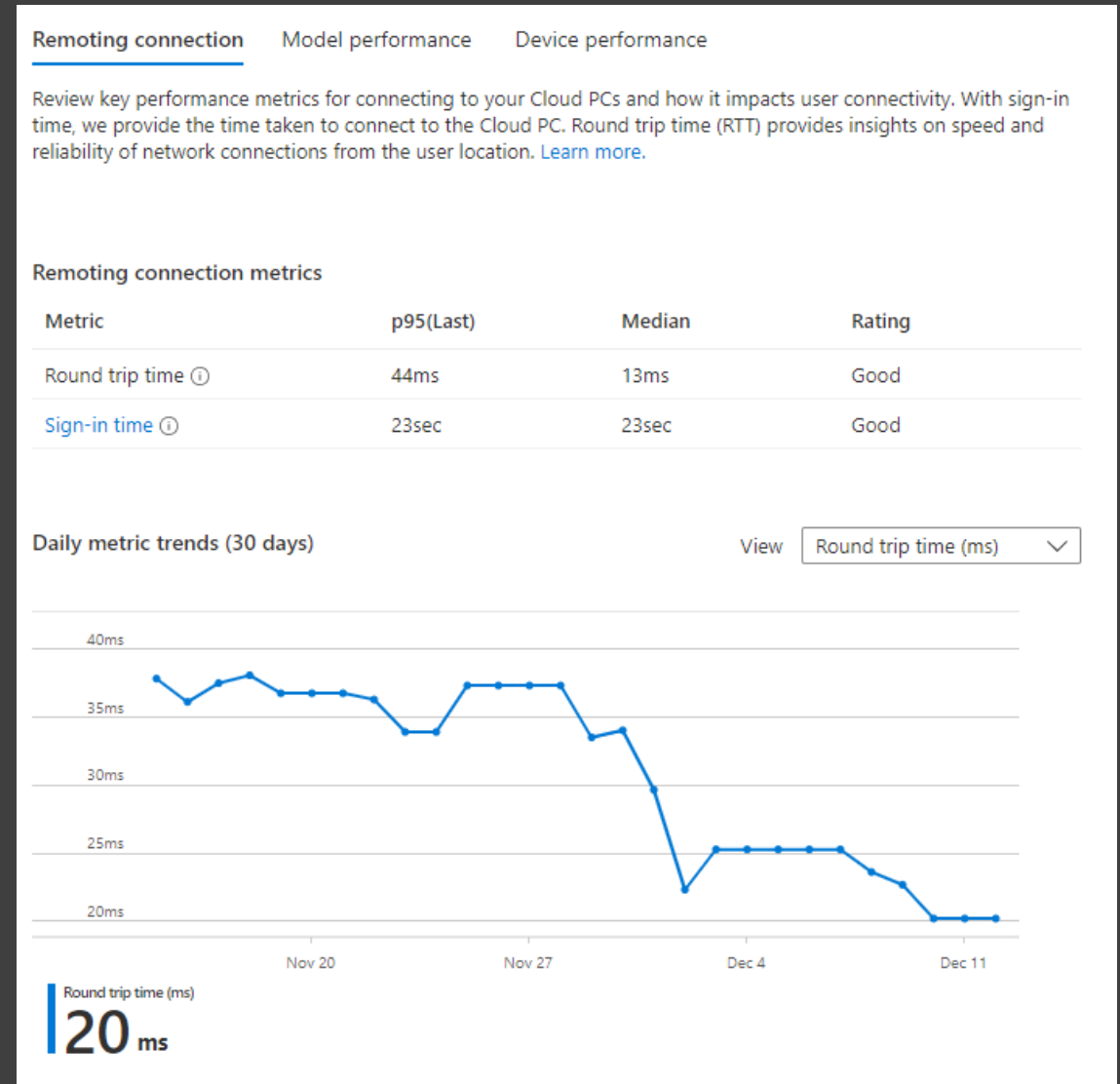
Below the dialog, the 'Resize' section is visible. It shows the current size of the Cloud PC as 'Cloud PC Enterprise 2vCPU/4GB/64GB'. A table lists the available resize options:

Processors	RAM	OS storage
<input type="radio"/> 2vCPU	4GB	128GB
<input type="radio"/> 4vCPU	16GB	128GB
<input type="radio"/> 8vCPU	32GB	128GB

The right side of the 'Resize' dialog shows an 'Error' section with a progress bar and a 'U/4GB...' label.

Endpoint analytics

- *Remoting connection*
 - Connection from the client to the Cloud PC
- Startup performance
- Proactive remediations
- Application reliability
- Work from anywhere
- Resource performance



Tips and tricks

Post deployment tasks

Our 'best practices'

Optimizing the user experience

Windows 365 Baseline

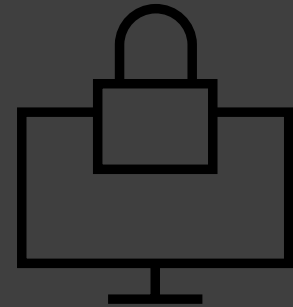
Post Deployment tasks



Deploy Applications



Apply Updates



Configure Security

Enrollment Status Page

- Configured by Filtering
- Assigned to All Users

Instellen voor werk of school

Dit kan enkele minuten duren. Het apparaat moet mogelijk opnieuw worden opgestart terwijl de configuratie wordt voltooid.



Apparaatvoorbereiding

Een ogenblik geduld



Configuratie van apparaat

Een ogenblik geduld



Accountconfiguratie

Bezig...



Lid worden van het netwerk van uw organisatie (Voltooid)

Beveiligingsbeleid (Identificeren)

Certificaten (Identificeren)

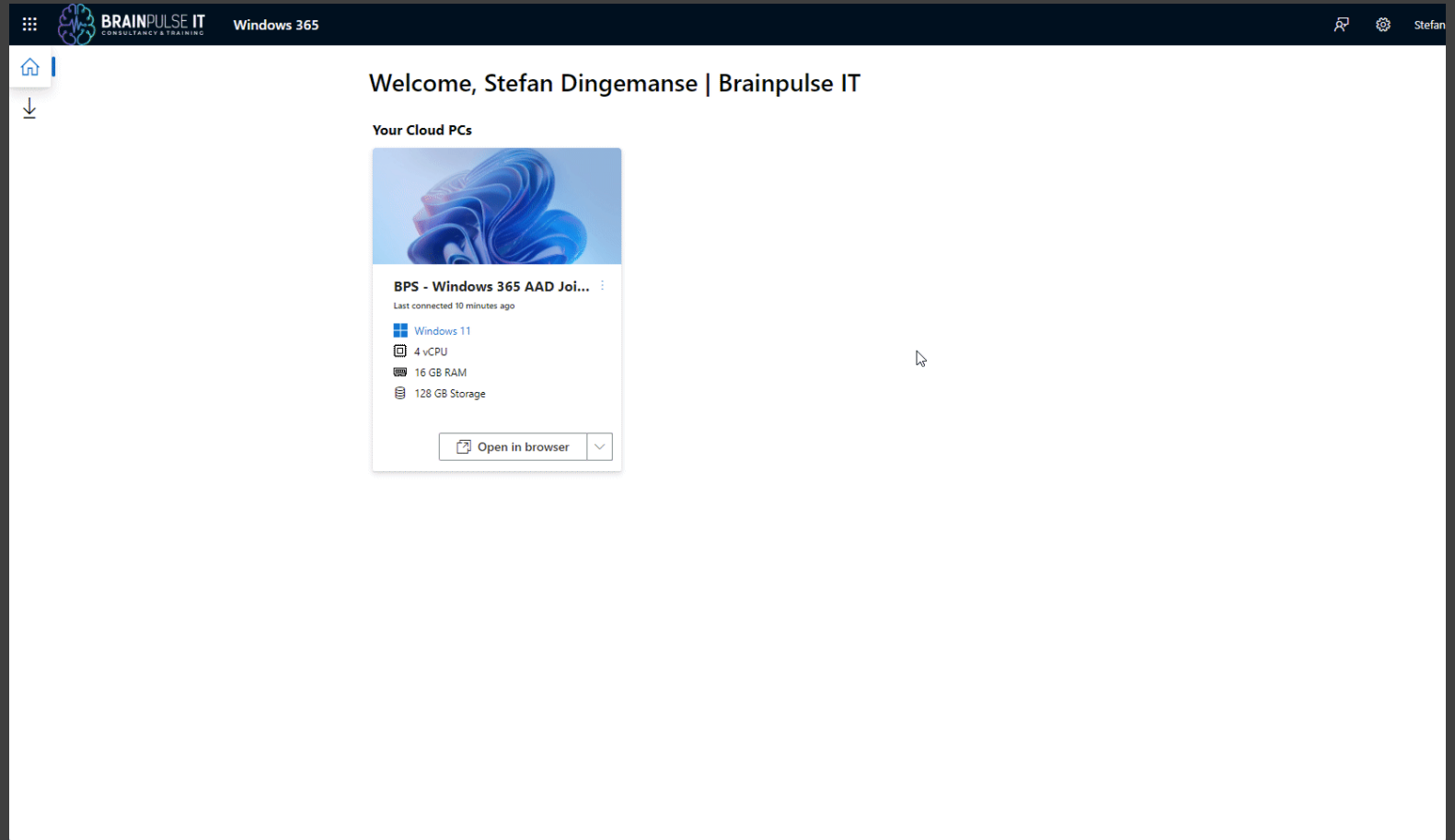
Netwerkverbindingen (Identificeren)

Apps (Identificeren)



Single Sign On

- Only Azure AD joined Cloud PCs



'Best practices'

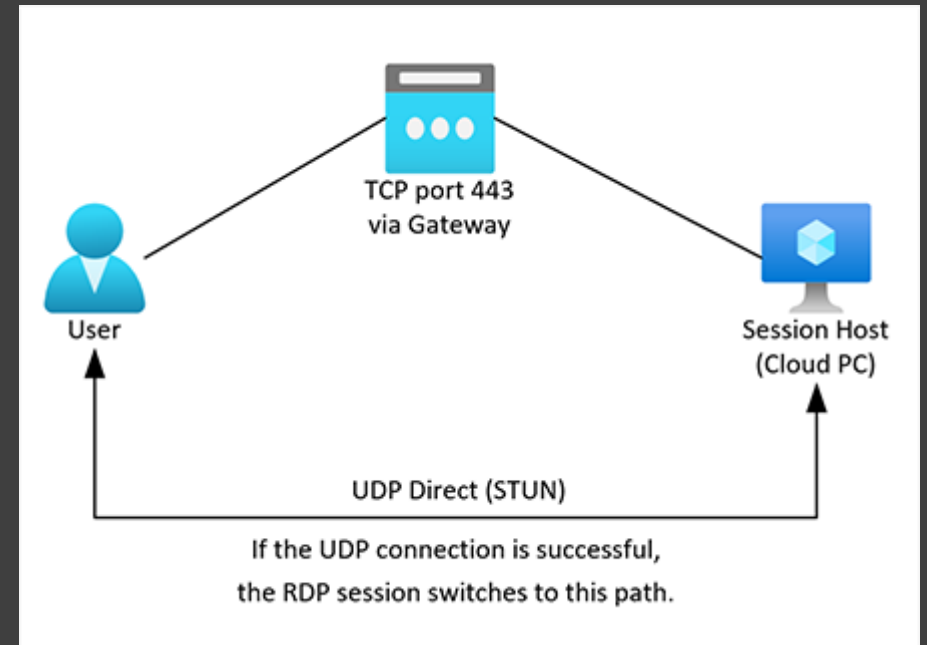
- Filtering / dynamic groups
- Settings catalog
- Licensing for resize
- Name convention
- Hybrid Benefits (16% Windows 10/11 Pro)
- Regions for CPC

Filters for your Cloud PCs

- Filter for all Cloud PCs
 - (device.model -contains "Cloud PC")
- Filter for all Cloud PCs from a specific provisioning policy
 - (device.enrollmentProfileName -eq "BPS-WE-W365-AAD-SSO")
- Filter for all Cloud PCs with a specific configuration
 - (device.model -contains "Cloud PC Enterprise 2vCPU/4GB/64GB")

Optimizing the user experience

- RDP Shortpath for public networks
- Multi-Media Redirection (public preview)
- Teams offloading



Windows 365 Roadmap

- Support for Azure AD Single Sign-on (Preview)
- Windows 365 Citrix HDX Plus ~~(Preview)~~
- Resize Cloud PCs for Group Based Licensing
- Custom Name template for Cloud PCs
- Windows 365 Boot
- Windows 365 Switch
- Windows 365 Offline
- And lots more!

<https://www.microsoft.com/en-us/microsoft-365/roadmap?filters=Windows%20365>

Summary

Summary

- Easy to setup and manage
- Virtual network requires the most planning
- Recognizable for your end users
- Completely integrates with MEM
- Great analytics and reporting
- Predictive costs (per user/per month)
- No GPU support!

Thank you for your time!

Feel free to ask questions or provide feedback