WEBINAR

Windows 365

Provision a New PC in Seconds with the Power of the Microsoft Cloud





Presenters:



Mike Wilson
Interlink Cloud Advisors
CTO / Vice President



Steven Braunschweiger Interlink Cloud Advisors Senior Enterprise Architect



Agenda Windows 365



Gold Cloud Platform
Gold Enterprise Mobility Management
Gold Datacenter
Gold Collaboration and Content
Gold Messaging
Gold Communications
Gold Windows and Devices
Gold Project and Portfolio Management

- Hybrid Work Scenarios
- Windows 365 and Azure Virtual Desktop
- Windows 365 Technical Demo
- · Windows 365 Licensing
- Microsoft Funding
- · Questions, questions, questions!







THE INTERLINK ADVANTAGE



SIMPLIFY

We simplify your organization's interaction with Microsoft

- ✓ Advocate with Microsoft: We know how to navigate their programs, licensing, incentives, and teams on your behalf
- ✓ Consistently in the top 10 of partners worldwide in the usage of Microsoft funding to assist with your pilots, workshops, and deployments
- ✓ Licensing: multiple certified licensing experts who understand the complex maze of product and program licensing can help you find the best licensing options
- √ Thought leaders: we summarize pertinent industry information to keep our clients educated and informed through our blog, webinars, and regular speaking engagements



EXPERIENCED

We ensure the success of your project

- ✓ Documented, tested, and proven methodologies used in over 5000 implementations
- √Comprehensive assessments which identify challenges in advance, before they impact the project
- ✓ Interlink can accelerate all escalations straight to Microsoft Level III minimizing support frustration
- ✓ Responsive live answer Service Desk runs 24x7x365 with one-hour service level agreements



REMOVE RISK

We build security and compliance into every project

- ✓ Architect to satisfy compliance requirements such as CMMC, GDPR, HIPAA, and NIST
- ✓ Processes built to help identify and mitigate security risks
- ✓ We continue to revisit and renew as new compliance and regulations surface
- ✓ We help you understand where risks and vulnerabilities exist and create longterm plans



CREATE BUSINESS VALUE

We drive business value from your technology investments

- ✓ Midmarket focused: we combine the resource availability with the expertise levels that you need to ensure the right fit
- ✓ Build personalized deployment roadmaps to drive long term success
- ✓ Support of our clients budgeting, planning, and C-Suite justification processes, including jointly building ROI and cost justification models
- Recognized by Microsoft as the top partner for helping our clients adopt their cloud technologies



MICROSOFT EXPERTISE

We have extensive expertise in Microsoft technologies

- ✓ 11 Microsoft Gold Competencies and 9 Advanced Specializations covering Microsoft 365 and Azure
- ✓ All consultants hold certifications from Microsoft
- ✓Interlink employees badged by Microsoft in recognition of our expertise
- ✓ Deployed more seats of Office 365 in geography in the first three years than any other partner
- ✓ Frequently recognized and awarded by Microsoft including partner of the year
- ✓ Nationally managed by Microsoft: gains us access to a wide array of resources for clients

Interlink Cloud Advisors

Desktop Management Challenges:

- New System Deployment
- Ongoing Maintenance patching and application installation
- Backup and Disaster Recovery of User Data
- Configuration Management -Security
- Application Performance





How and where we work has changed



73% of workers say they want flexible remote work options



of employees want more in-person collaboration



of managers expect more flexible work from home policies





Hybrid work creates new opportunities, and new challenges



Onboarding and provisioning

Zero-touch approach to getting employees, vendors, and contractors up and running across a variety of devices and locations.

Business continuity

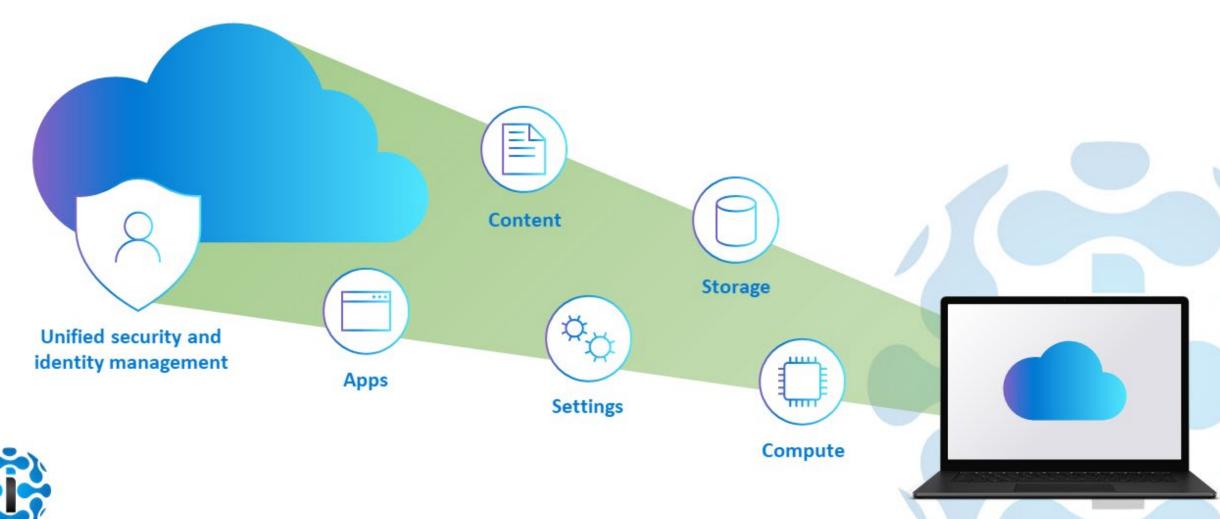
Responding quickly to changing workplace situations to mitigate negative impact and seize opportunities.

Security and regulation

Securing organizational and customer data while addressing growing complexity in compliance, without sacrificing productivity.

Windows 365

A new solution for today's hybrid workforce



Windows 365 Unlocks Hybrid Work Scenarios



Data security

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



Disaster recovery

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



High-capacity computing

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



Temporary workforces

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



BYOPC programs

Enable secure Cloud PCs, even on personal devices.



Mergers & Acquisitions

Provide seamless transitions and access for growing businesses.

Microsoft Cloud Solutions for End User Computing

Access a secure, desktop experience from virtually anywhere



Deliver desktop experiences virtually anywhere Built-in intelligent security

Cloud scale and agility

Flexible pricing options

Windows 365 Business vs. Enterprise

	Windows 365 Business	Windows 365 Enterprise
Click – to-provision directly from product page	•	
"No-domain" set up	•	
Self-serve troubleshooting – reset	•	
"Cloud Save" (minimal Azure storage and potentially ODfB)	•	•
Self-serve upgrades		•
Universal Print (UP) Integration		•
Partner/programmatic enablement (Graph APIs, MSP tooling)		•
Custom images		•
Image Management [store, replicate, deploy]		•
MEM policy driven provisioning, management and guided scenarios		•
EA based reporting, monitoring		•
Service health, operational health alerts		•
Connection to on-premises [networks, apps, resources] + diagnostics		•
Advanced MEM based troubleshooting and device management		•



Steven Braunschweiger

Interlink Cloud Advisors - Senior Enterprise Cloud Architect

- Windows 365 Enterprise Cloud PC (CPC) Use Case
- Setup and Deployment
- Live Demonstration





Windows 365 Enterprise Cloud PC (CPC) Demo Use Case

- CPC Fit: In what scenario would it make sense to use Windows 365?
 - Users need dedicated, persistent desktops.
 - Your organization is already licensing and using Microsoft Endpoint Manager to manage PCs.
 - When target user population is burst (seasonal or project timeline driven).
 - When PC hardware purchase (in addition to CPC) is not required.
- CPC Use-Case: "Way-Cool Inc." is a Microsoft Cloud only business with seasonal hiring need.
 - Way-Cool needs to burst with co-op staff. (3 4 months).
 - Co-op candidates use their own PCs acquired for school.
 - Way-Cool needs to satisfy Hybrid Azure AD Join requirement to use CPC.
 - This is a one-time infrastructure setup with ongoing VM spend for AD DC in Azure.
 - Process needed for Co-op hire Way-Cool account provisioning in AD with sync to AAD.
- NOTE: Microsoft is working on CPC support for AAD Join which removes dependence on Hybrid AADJ.
 - A preview for this feature has not yet been announced.

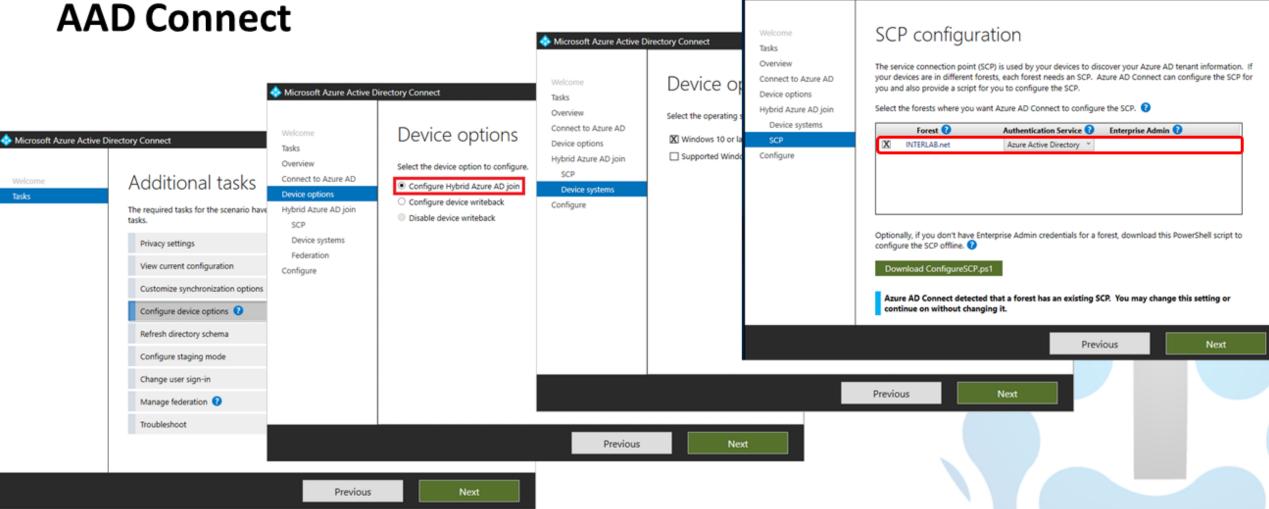


Windows 365 Enterprise Cloud PC (CPC) Infrastructure Requirements

- Windows AD Domain Services
- Hybrid Azure AD Join configured via AAD Connect
- Users to be assigned CPCs have AD accounts synced to AAD
- Windows AD DC with DNS configured
- Azure vnet to host CPCs with line-of-sight to Windows AD Domain
- Windows AD and Azure AD Administrative accounts for
 - deployment and management
- Azure AD Security Group for Cloud PC provisioning policy assignment

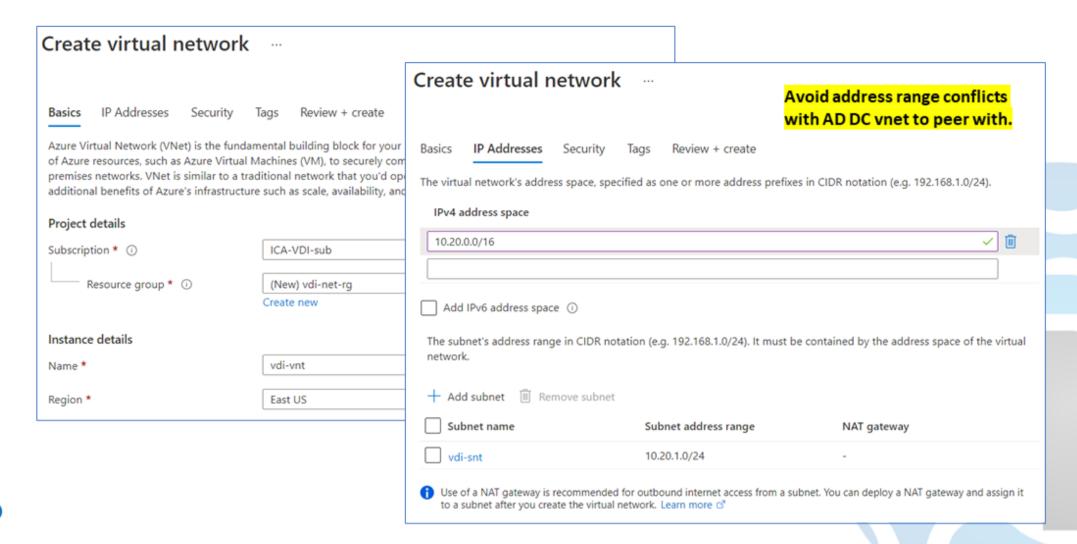


Windows 365 Cloud PC – Hybrid AAD Join setup in AAD Connect



Microsoft Azure Active Directory Connect

Windows 365 CPC – Network VNET

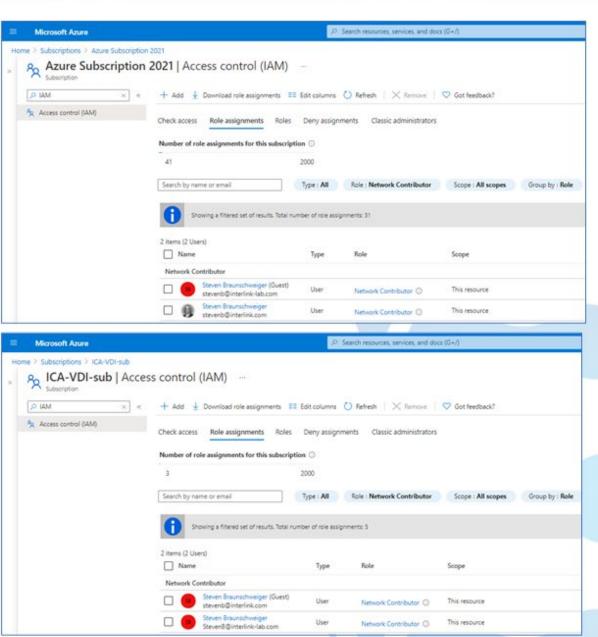




Windows 365 CPC - Network Peering

(and required RBAC across tenants)

This virtual network			
Peering link name *			
VdiVnt-peeringTo-InterlinkLabVnet			~
Traffic to remote virtual network ①			
Allow (default)			
Block all traffic to the remote virtual network			
Traffic forwarded from remote virtual network ①			
Allow (default)			
Block traffic that originates from outside this virtual network			
Virtual network gateway or Route Server ①			
Use this virtual network's gateway or Route Server			
Use the remote virtual network's gateway or Route Server			
None (default)			
Remote virtual network			
Virtual network deployment model ①			
Resource manager			
○ Classic			
☑ I know my resource ID ①			
Resource ID *			
/subscriptions/819589f9-2464-4aa9-934f-164e9a69f0b8/resourceGrou	ups/Interlink-Lab	/providers/Microsol	ft.Network/virt 🗸
The selected resource is in a different directory. Select the directory an access to the resource. Learn more about peering across directories of		enticate" button to ver	ify your
Directory ①			
Interlink Cloud Advisors, Inc. (interlink.com)		Authentic	2000 C





Windows 365 CPC – Register vnet DNS IP Which is Visible Across Peering Connection

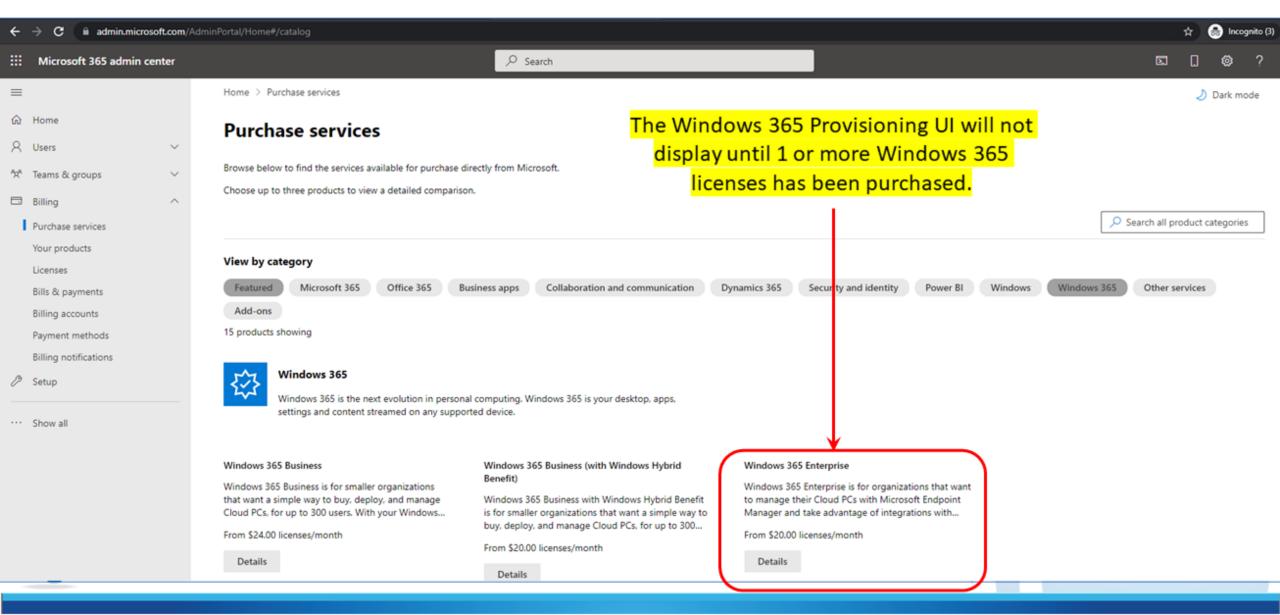


Gold Cloud Platform
Gold Enterprise Mobility Management
Gold Datacenter
Gold Collaboration and Content
Gold Messaging
Gold Communications
Gold Windows and Devices
Gold Project and Portfolio Management

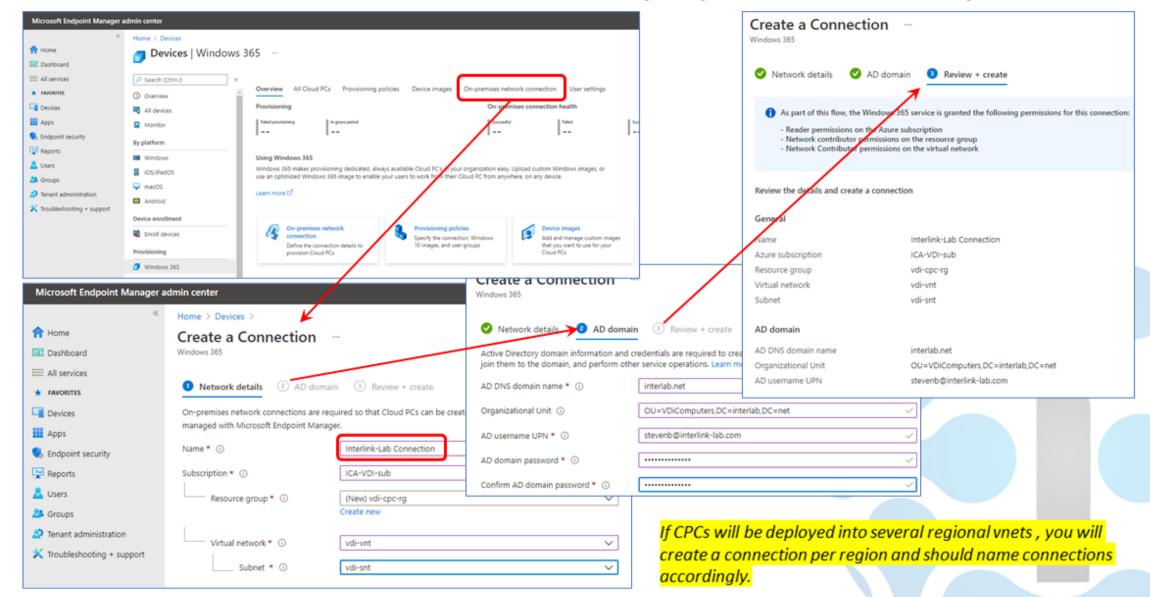
■ Microsoft Azure	s, services, and docs (G+/)		Σ	Q	4	@	® ₹	StevenB@interlink-lab.c INTERLINK-LAB
Home > Virtual networks > vdi-vnt Virtual networks		Virtual machines within this virtual DNS servers ① Default (Azure-provided) Custom IP Address 10.0.0.9 Add DNS server	ıl network r	must be	restarted	d to utiliz	e the upda	×
								· ·



Windows 365 CPC - Deploy (admin.microsoft.com)



Windows 365 CPC – Create an AD Domain Connection (endpoint.Microsoft.com)





Windows 365 CPC -Post AD Connection **Deployment Check**

Microsoft Endpoint Manager admin center

Interlink-Lab Connection ...

First party app permissions exist on Azure subscription (1)

First party app permissions exist on Azure resource group ①

First party app permissions exist on Azure virtual network ①

Properties

Home > Devices >

Retry

Overview

Check Name

Azure AD device sync ①

Azure subscription is valid ①

Azure vNet in a supported region ()

DNS can resolve Active Directory domain ()

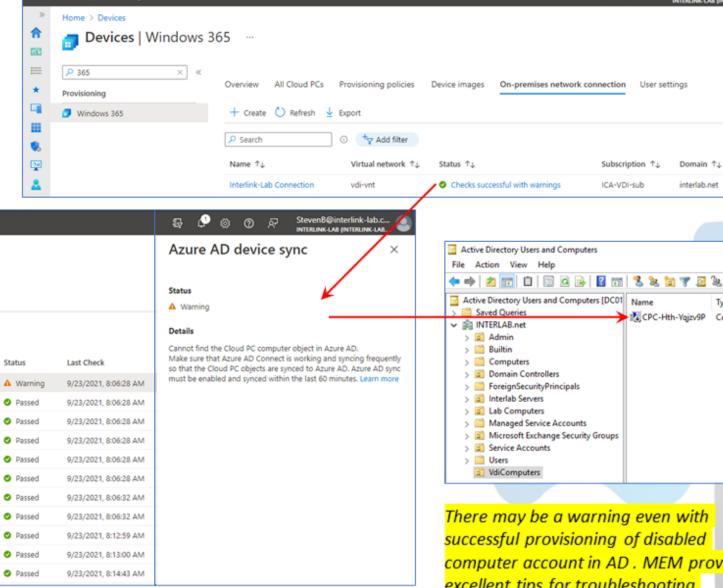
Azure subnet IP address usage ①

Active Directory domain join ①

Azure policy restrictions ①

Endpoint connectivity ()

20



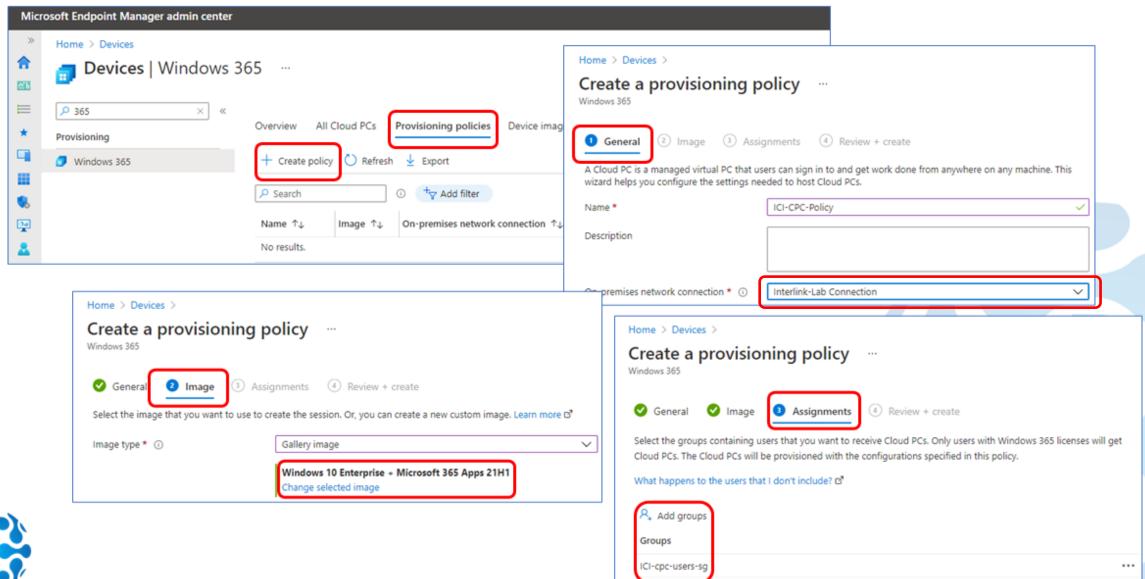
Microsoft Endpoint Manager admin center



successful provisioning of disabled computer account in AD . MEM provides excellent tips for troubleshooting.

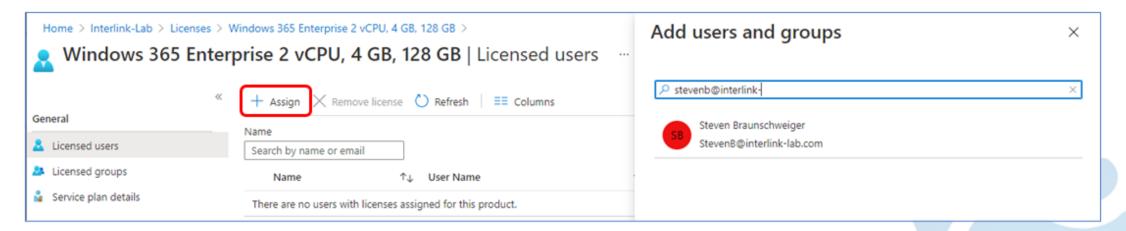
Computer

Windows 365 CPC – create a provisioning policy and assign to a CPC user group





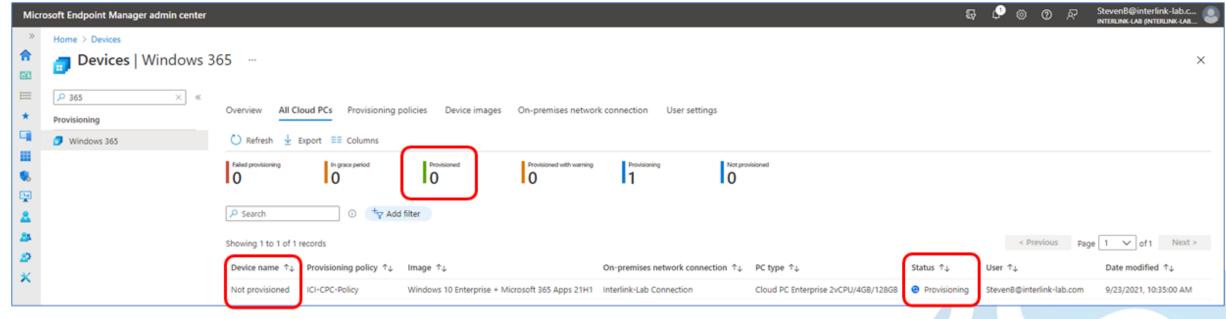
Windows 365 CPC – assign CPC to a user within the CPC user group





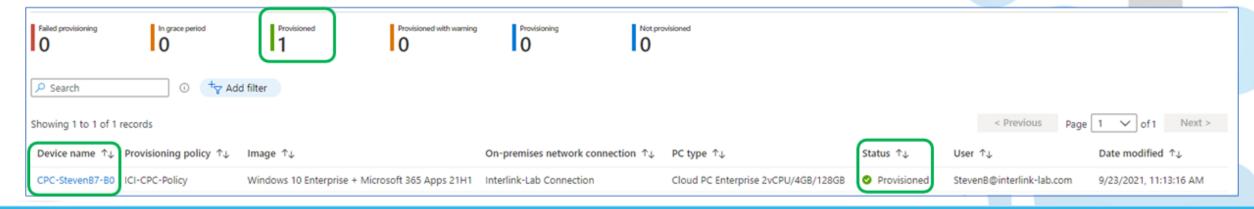


Windows 365 CPC – provisioning in process ... provisioning complete

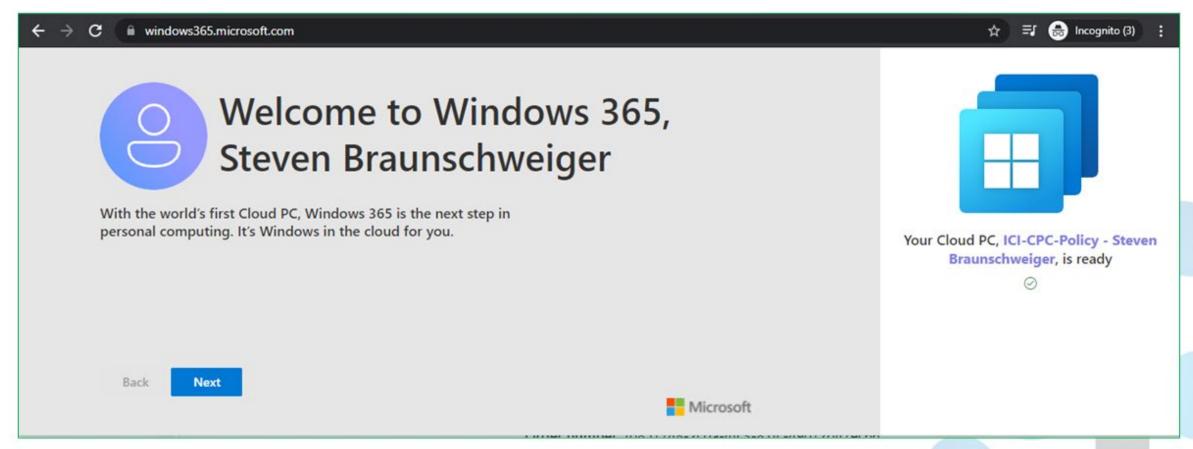


Provisioning can take up to 1 hour. The process includes ...

- CPC computer object creation in Windows AD; CPC hybrid join to Azure AD
- Replication with Windows AD; Synchronization with Azure AD



Windows 365 CPC – sign-in to your CPC







Windows 365 Enterprise Cloud PC (CPC) Live Demo



Mike Wilson

Interlink Cloud Advisors - CTO / Vice President

- Pricing and Licensing
- Windows 365 vs. Azure Virtual Desktop
 - Cost / Scenario Comparison
- Workshops & Assessments







Pricing



The right technology for all your needs

Cloud PC – Windows 365 Optimized for simplicity	Cloud VDI – Azure Virtual Desktop Optimized for flexibility
Windows 10 or Windows 11 (soon) personalized desktop	Windows 10, Windows 11 (soon), or Windows Server multi-session desktops
Complete end-to-end Microsoft service	Remote app streaming
One-stop administration in Microsoft Endpoint Manager (Enterprise edition)	Full control over configuration and management
Direct self-service model (Business edition)	Citrix and VMware support
Predictable per user pricing	Flexible consumption-based pricing

Selecting the right solution(s)



Windows 365

Personalized Windows 365 Cloud PCs available across devices

Simple and turn-key to buy and deploy
Predictable per user, per month pricing
Easily scalable compute and storage
No VDI experience or skills required



Azure Virtual Desktop

Flexibility and control

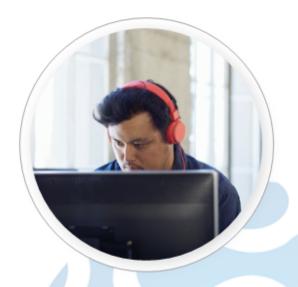
Multi-session Windows VMs

Data residency and geo requirements

Remote app streaming

Specialized GPU and HPC workloads

Scalable compute and storage to optimize for cost and experience



Azure Virtual Desktop with Citrix and VMware VDI

Optimize existing investments and skills in Citrix and VMWare VDI

Create a multi-cloud or hybrid architecture with a single control pane

Windows 365



\$35

Microsoft 365 E3

Office 365

Office 365 E3 - \$20

APPLICATIONS

Microsoft 365 Apps & Microsoft Mobile Apps

Single sign-on to Cloud and Office apps on up to 5 PCs and Macs

SERVICES

Exchange

Unlimited archiving

OneDrive

Cloud storage, sync and file sharing

SharePoint

Teams sites and internal portals

Microsoft Teams

Chat-based collaboration tool
Online meetings, IM and video chat

Plus

PowerApps & Power Automate (limited), Encrypted Email, Data Loss Prevention, Rights Management, Stream, Delve, Sway, Yammer, To Do, Planner, My Analytics, Kaizala, Lists, and more!

Enterprise Mobility + Security

EMS E3 - \$10.60

IDENTITY AND ACCESS MANAGEMENT

Azure Active Directory Premium P1

Single sign-on to Cloud and on-premises applications

Self service password reset

Security reporting/multi-factor authentication

MANAGED MOBILE PRODUCTIVITY

Microsoft Endpoint Manager

Mobile device and app management to protect corporate apps and data on any device Includes SCCM client license

Windows Autopilot

PROTECTION

Azure Information Protection Premium P1

Encryptions for all files and storage locations

Windows CAL

Windows 10 Enterprise

Windows E3 - \$7

SECURITY

BitLocker Management

Enterprise-grade disk encryption managed on-premise or Cloud

MORE PRODUCTIVE

Application Virtualization (App-V)

Simplify app delivery and management on any device

BranchCache

Allow users' PCs to cache files, websites, and other content from central servers, so content isn't repeatedly downloaded across the wide area network (WAN)

Virtual Desktop Access

Allow connections to Virtual Desktops including Windows Virtual Desktop in Azure

Per User Licensing

Install on up to 5 devices

Direct Access

Always on VPN connection to on-premise resources

Windows Information Protection

Containerize corporate data on PCs with end to end data security to and from Office 365

AppsLocker - Device locked down to only run fully trusted apps



Interlink Cloud Advisors



Compute Tier	Total Storage	Per User Per Month Pricing
_	512 GB	\$101
Power 4vCPU 16GB	256 GB	\$75
	128 GB	\$66
Heavy 2vCPU/8GB	256 GB	\$50
	128 GB	\$41
	256 GB	\$40
Medium 2vCPU/4GB	128 GB	\$31
	64 GB	\$28

Pricing subject to change, information on this slide does not constitute a formal offer.



Sample AVD Pricing Scenario – Pay-As-You-Go

- · Scenario Outline
- · 20 Users
- · Standard productivity desktop Office, Adobe Reader, Chrome, 1 LOB app

Azure Service	Count	Total Monthly Cost
Azure AD Domain Services	1	\$109.50
Azure Files (Hot Storage)	100GB	\$3-4
Log Analytics and Storage		\$20
Azure D4S v4 (4vCPU/16GB)	3	\$420.48
P10 virtual disk (128GB)	3	\$53.76
	Total:	\$607.74

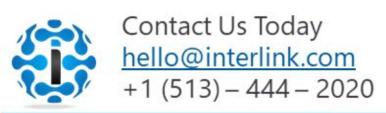
Windows 365 Cloud PC (CPC) vs Azure Virtual Desktop (AVD) Cost Comparison

W365 Business Single- Session Host	\$CP C	AVD Baseline Multi-Session Host	\$AVD
F2sV2		D2sV4	\$32
2 vCPU		2 vCPU	
4 GB RAM		8 GB RAM	
128 GB Standard SSD OS Drive		128 GB Premium SSD OS Drive	\$18
Users/host	1	Users/host	6
\$per-user-per-month	\$31	\$per-user-per-month	\$8.33



Workshops & Assessments Ask us about Funding!

- · Viva and Viva Insights Workshop
- Teams Meetings Workshop Energize
- Teams Apps & Solutions Workshop Energize
- Teams Calling Workshop Energize
- Security Workshop Energize
- **Identity Workshop Energize**
- And Much More!



















ARE YOU CONCERNED ABOUT SUSPICIOUS USERS AND SIGN-IN BEHAVIOR IN YOUR ENVIRONMENT?

actors and hackers. They detected personal devices connecting to

Find you should be Morosoft. Identity is boday's gatevas 16 year - size no longer able to protect your not power for 800 million accounts. If the liet to pustern security. The ... for these. The charlenge now is and finds that 500 mission signs - growing implementation of Cloud - securing user identities to ensure attempts daily come from criminal - applications, the increased use of - you've limbing access to authorize remote vonforce mean that you



omprehensile sonano that will there will him to uncoler identity have in yo environment, gain insights in your applications, and winarior

energ/ze MICROSOFT TEAMS APPS AND SOLUTIONS WORKSHOP SEE WHAT'S POSSIBLE WITH TEAMS reprise unlaboration, bond efficiency, and day in the flow of with

the set of the possible, working with you're identify and prioritize to salares scenarios in helicador sour stando collaboration shalar design a plan that teverages Teams' platform capabilities to Neth-you









DO MORE WITH MICROSOFT TEAMS

people stay focused before during and after the meeting

can stay connected.

Today, organizations rely on beamwork with employees working on twice as many beams as they distjust the years ago, and information workers spend

NOS more time culturanting with co-workers, outside contractors, supplier

and customers. To succeed, you need collaboration and communication too

that empower your workforce to be more agile, efficient, and secure so the

proclinates being more mobile and working remotaty in fact, MIS, of markings

mobile Microsoft Tourns riskum a unique and in and masters apparent



56%

38%



Interlink Cloud **Advisors**



Security Energize

THE FOUR MODULES FOR THIS ENGAGEMENT:



Threat Check:

Microsoft 365 security products are used to gain visibility into threats to your Microsoft 365 cloud environment across email, identity, and data in order to better understand, prioritize, and mitigate potential vectors of cyberattacks.



Discovery Session:

This is a standalone module designed for the delivery team to learn about a customer's organization, IT initiatives, security influencer's, and priority/maturity against an array of security capabilities that Microsoft can bring to bear.



Azure Sentinel:

Leverages Azure Sentinel & Microsoft 365 security products to help gain an understanding of Azure Sentinel & gain insights on active threats across on-premises & cloud workloads.



Microsoft Threat Protection:

This is a demonstration of how the security solutions work, including going through key scenarios of an attack kill chain to help you learn how to protect your environment.