

IT 智能化最佳夥伴

METAGE 邁達特

Azure Virtual Desktop & Citrix on Azure

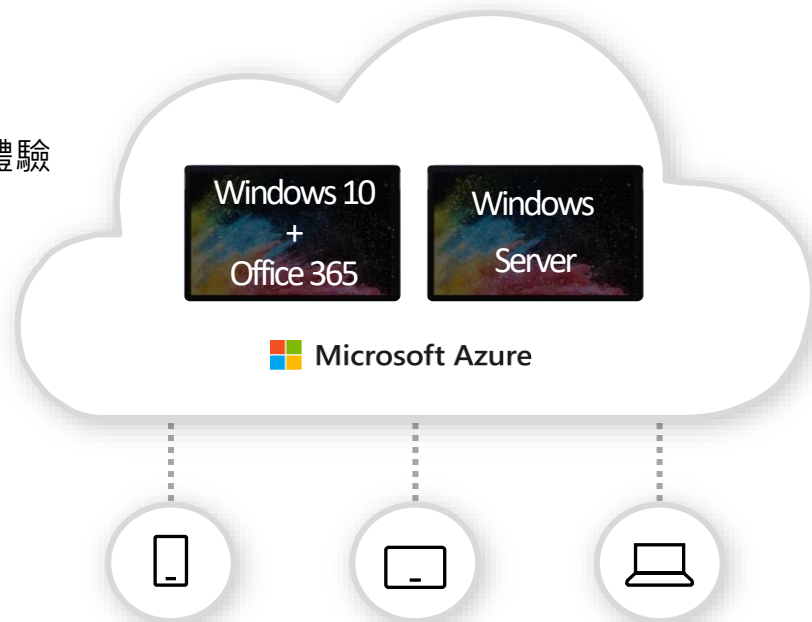
Agenda

- **Azure Virtual Desktop**
- **Citrix on Azure**
- **Bundle Program**
- **Selling Script**
- **Survey Form**

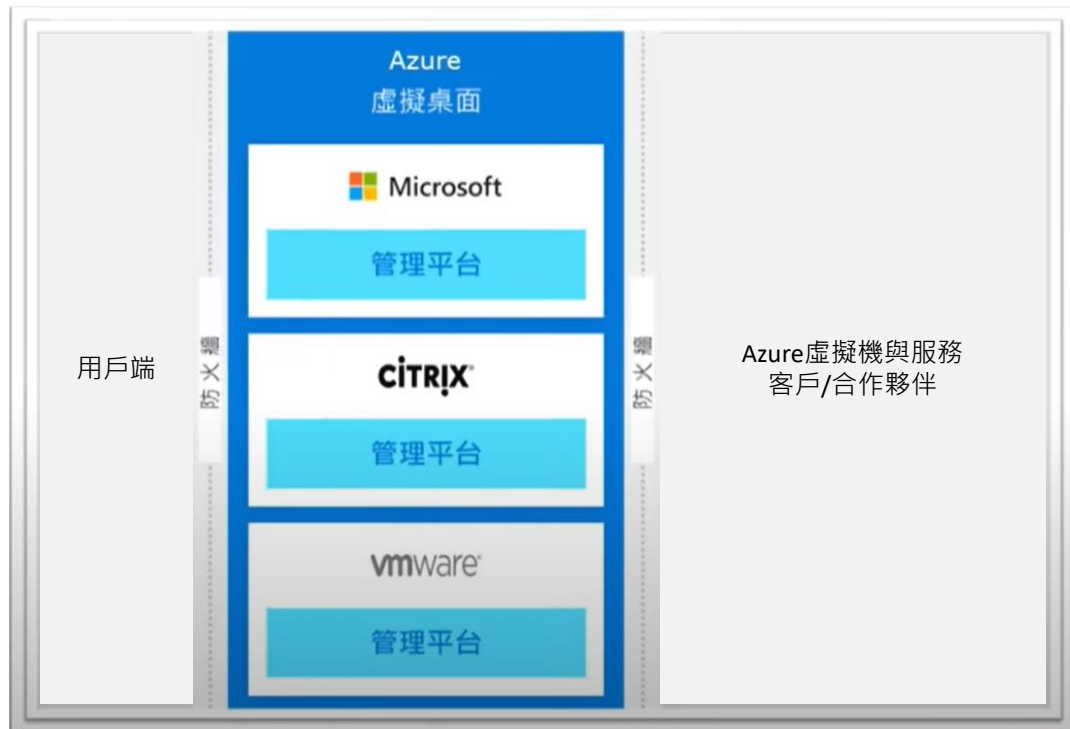
AVD 簡介

由 Azure 傳遞的最佳虛擬桌面體驗

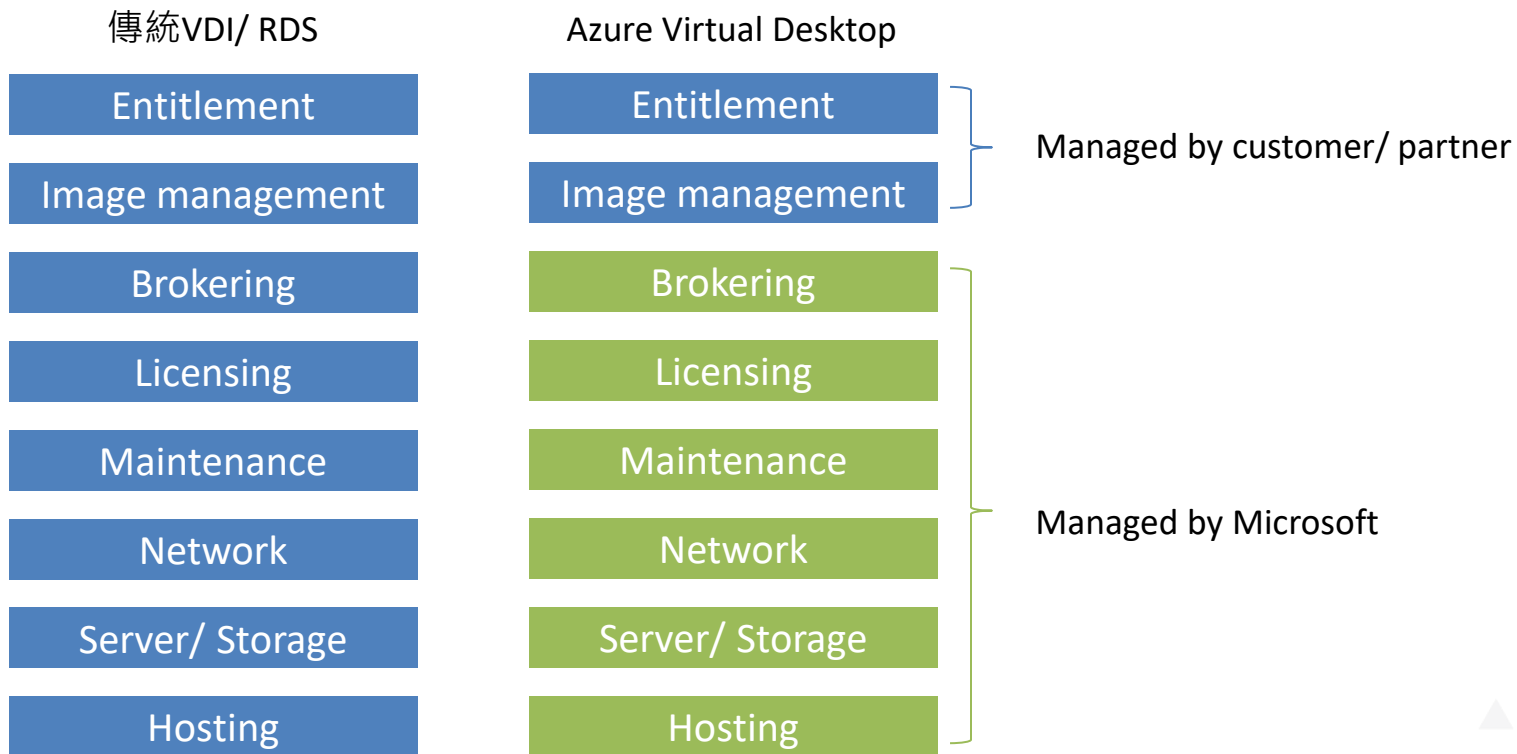
- + 提供唯一的Windows 10/ Windows 11多重工作階段體驗
- + 順暢的 Microsoft Teams 和 Microsoft Office 體驗
- + 遷移 Windows Server (RDS) 桌面和應用程式
- + 在幾分鐘內部署和擴展
- + 可與企業慣用的管理平台整合



AVD 簡介

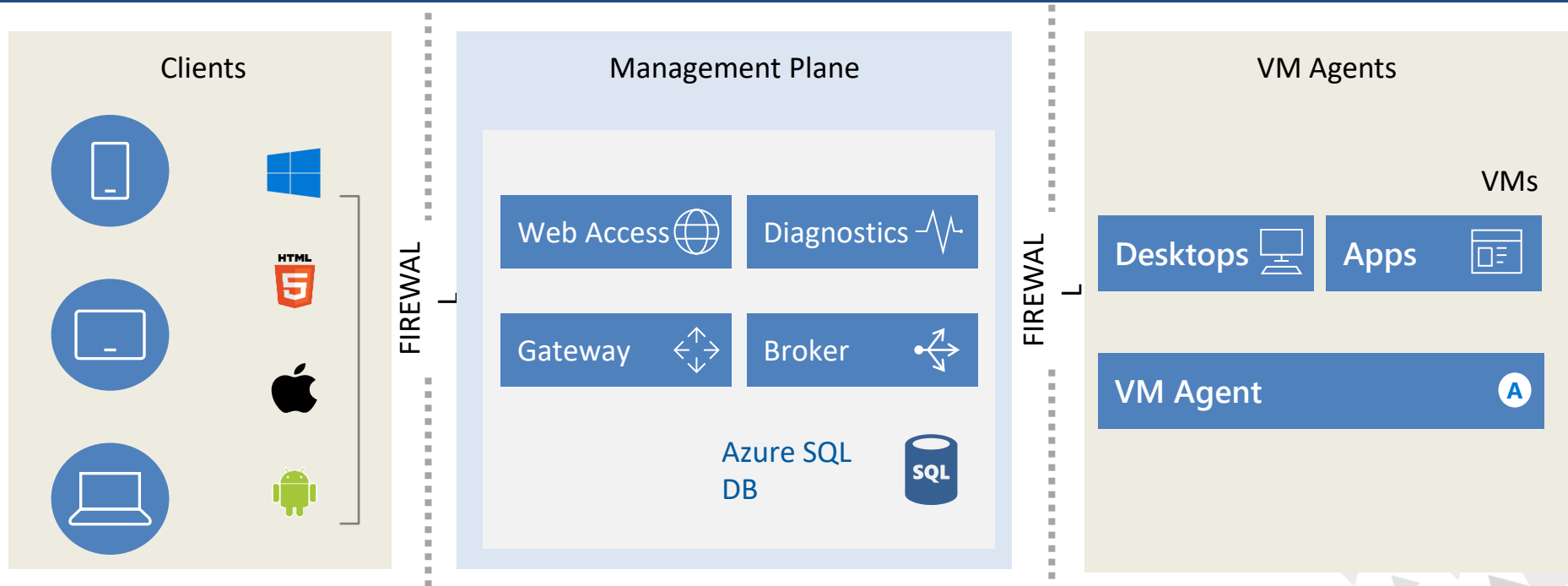


AVD 簡介



AVD 架構

3 個主要的元件



AVD 功能 - VM Compute



AVD 功能 - VM Compute

AVD主機大小建議

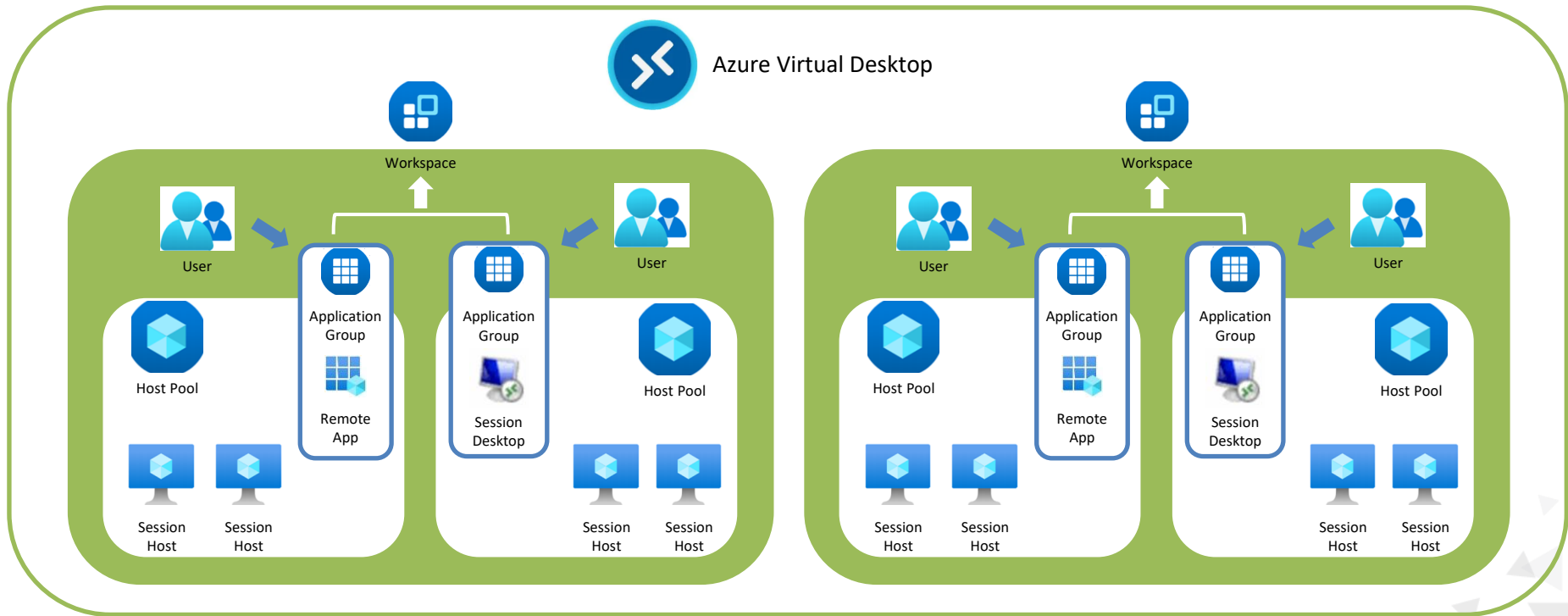
➤ Pooled(集區式)主機建議

工作負載類型	每個vCPU的最多使用者	vCPU/ RAM/ OS規格	虛擬機規格	Profile Container儲存體規劃容量
輕度工作者	6	2 vCPUs, 8 GB RAM, 16GB	D2s_v3, F2s_v2	30 GB
中度工作者	4	4 vCPUs, 16 GB RAM, 32 GB	D4s_v3, F4s_v3	30 GB
重度工作者	2	4 vCPUs, 16 GB RAM, 32 GB	D4s_v3, F4s_v2	30 GB
特殊使用者	1	6 vCPUs, 56 GB RAM, 340 GB	D4s_v3, F4s_v2, NV6	30 GB

➤ Personal(個人式)主機建議

- 規格很大程度上取決於工作負載、部屬的應用和使用者類型
- 建議每個VM至少使用2個實體CPU (4vCPU)
- 可依個人提供更具體的VM大小建議

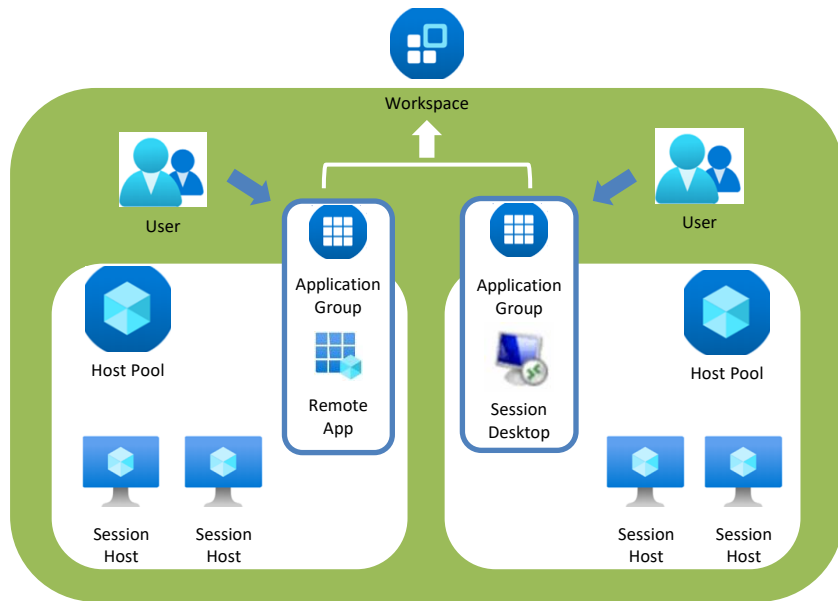
AVD 功能 - Application



AVD 功能 - Application

Didn't Assign Session Desktop

應用程式為管理者指派，
不包含全部於Session Host
中的應用程式



Assign Session Desktop

允許使用者登入完整的
Session Desktop，存取
Session Host中的所有應用
程式



AVD 功能 – Identity Authentication

身分驗證策略

選項	優點	缺點
Azure AD Domain Service (純雲端架構)	<ul style="list-style-type: none">適合沒有內部部屬資源的測試環境適合中小企業正是環境選用Azure AD將是您的主要身分來源	<ul style="list-style-type: none">AD DS將保持運作，每月收取固定費用
Domain Controller Sync (混和架構)	<ul style="list-style-type: none">透過VPN/ExpressRoute與內部部屬DC同步可以使用所有熟悉的AD群組原則可以在需要時停止虛擬機以降低成本	<ul style="list-style-type: none">需要在Azure中對VM和AD額外的管理
Hybrid Joining (混和架構)	<ul style="list-style-type: none">透過VPN/ExpressRoute在Azure中找到內部部屬的DC不需要在Azure中對VM和AD有額外的管理	<ul style="list-style-type: none">延遲可能會增加在向VM進行使用者驗證時可能會延遲需要有一個內部部屬環境，不適合雲端測試

AVD 功能 – 安全性策略



身分識別

MFA多重驗證
條件式存取



會話主機

受控於AD管理
Windows Defender



應用程式

應用控制
AppLocker



基礎設施

合規認證
Azure資訊安全中心



網路

S2S VPN
Express Route
Azure Firewall



資料

資料保護
磁碟加密

Citrix on Azure

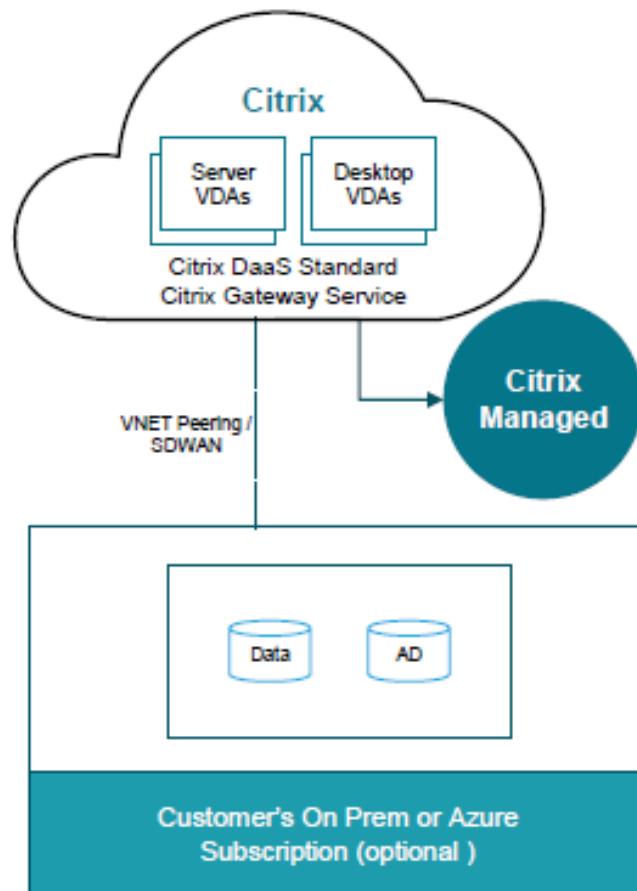
選擇「Citrix + Azure」組合

強化管理層面、多雲整合、多平台支援、集中化部署、監控工具

優化管理介面或通訊協定的優化，或資安功能

簡單點選五次，即可快速部署您的第一個桌面

Citrix DaaS for Azure



Citrix on Azure

Top Ten Citrix Value-Adds to Azure Virtual Desktop



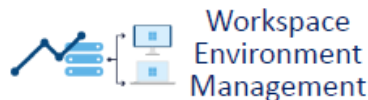
Citrix Virtual Apps and Desktops Service provides a single management interface for all Citrix workloads, on-premises or in Azure. Migrate, capacity burst, or load balance between datacenter and cloud.



Best-in-class protocol delivers an exceptional user experience on any device, over any connection. Built in optimizations for interactive multimedia performance for Teams, Skype, and industry standard telework apps.



Flexible OS, application, and user layer technology that enables enhanced user experience while leveraging nonpersistent environments.



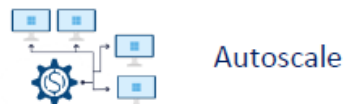
Optimize user density and logon performance with a suite of technologies targeted to improve user experience while maximizing the value of IT spend.



Admin and helpdesk tools built for enterprise scale. Monitor site and session health, track user sessions, diagnose issues, and more.



Protects your environment from accidental or malicious data leakage.



Scale your environment up or out based on schedule or load. Make the best use of existing datacenter investment and ramp sessions into cloud as needed. Scale cloud workloads dynamically on demand.



Targeted specifically at app and desktop virtualization, our analytics tools give administrators deep visibility into user behavior and session responsiveness, giving IT the power to catch small issues before they become big ones.



Full record and playback of user sessions for issue diagnosis, compliance, or security audits.



Provisioning tools to simplify administration and enhance environment reliability. Rapidly deploy environments of any scale.

AVD 計價

License

Client - 執行 Windows 10 multi-session, Windows 10 or Windows 7

- Microsoft 365 F3, E3, E5, A3, A5, Business Premium
- Windows 10 Enterprise E3, E5
- Windows 10 Education A3, A5
- Windows 10 VDA per user

Server - 執行 Windows Server 2012 R2, 2016, 2019

- Remote Desktop Services (RDS) Client Access License (CAL) with active Software Assurance (SA)

Azure

- 僅為使用者使用服務時使用的虛擬機、儲存體、和網路付費
- 可同時採用其他的選項，例如：一年或三年 Azure 保留執行個體與隨用隨付定價項比，可節省高達72%的費用



AVD 計價

Requirement:

使用人數: 25U

使用時間: 10hrs/day (週一至周五)

多重工作階段(中度工作負載)

含Microsoft 365 E3 授權

Service type	Region	Description	Estimated monthly cost
Azure Virtual Desktop	Japan East	Pooled, 25 Users, 90% Peak concurrency, 5% Off peak concurrency, 220 Usage hours/month, multi-session, medium workload, per user access pricing - Not Applicable, D4s v3 (4 vCPU(s), 16 GB RAM) (Pay as you go), E10 (128 GiB, 500 IOPS) Disks, Premium File Storage: 100 GB of data at-rest and 0 GB of snapshots, Internet Egress, 5 GB outbound data transfer from Japan East routed via Microsoft Global Network	NT\$8,487.85
Virtual Machines - AD Domain	Japan East	1 D2 v3 (2 vCPUs, 8 GB RAM) x 730 Hours (Pay as you go), Windows (License included), OS Only; 1 managed disk – E10, 100 transaction units; Internet Egress, 5 GB outbound data transfer from Japan East routed via Microsoft Global Network	NT\$5,123.55
AD Domain Service	Japan East	Standard Suggested Auth Load (peak, per hour): 0-3000 Suggested Object Count: 0-25000 Backup Frequency: every 5 Days	NT\$3,278.38
Microsoft 365 E3		NT\$1,170 x 25 users	NT\$29,250
	Total		NT\$46,139.78

Bundle Program

Azure Virtual Desktop 超值組合包

○ 超值組合包 1

Azure Virtual Desktop + M365 License

每月NT\$ **46,000**起

可享有與個人桌面一致的體驗，無論是使用 Outlook 管理收件匣、OneDrive 中共用檔案，或與同事在 Microsoft Teams 上共同作業

- 可供25個使用者使用
- 多重工作階段(中度工作負載)
- 包含：AD Domain Service & AD Domain VM、Microsoft 365 E3

○ 超值組合包 2

Citrix on Azure

每月NT\$ **76,000**起

可將Citrix延伸到Azure上使用，除了 Windows 作業系統和Office軟體，還可享有側錄、浮水印等進階功能

- 可供25個使用者使用
- 多重工作階段(中度工作負載)
- 包含 AD Domain Service & AD Domain VM、AD Connector VM、Microsoft 365 E3
- 已包含 Citrix 授權費用

<https://www.metaage.com.tw/news/products/396>

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Thank You

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