





 CITRIX Citrix Cloud Virtual Apps and Desktops	 vmware VMware Horizon Cloud Apps and Desktops	 Microsoft Microsoft Azure WVD <i>(GA release, 2019)</i>	 NUTANIX Nutanix Frame	 Workspot Workspot	 CloudJumper CloudJumper	 Parallels Parallels
Protocol	ICA	PCoIP and Blast	RDP	Frame Remoting Protocol (FRP)	RDP	RDP	RDP
WAN Accelerators	Enlightened Data Transport Protocol (EDT)	Blast Protocol	RDP /w UDP	Yes, auto alignment FRP	RDP /w UDP	RDP /w UDP	RDP /w RemoteFX
Control Plane location	On Azure, USA, Europe, APJ	On Amazon, USA, Australia or Germany	On every Azure region	On Amazon, USA	On Azure and Amazon, USA	On Azure	No control plane
Multi-Cloud support	Azure, Amazon, Google, Oracle, Nutanix, IBM	Azure, (IBM, Amazon separate via Horizon with Hosted Infrastructure)	Azure only	Nutanix Xi, Azure, Amazon	Azure only	Azure, Amazon, GCP, VMC on AWS, ProfitBricks	Azure, Amazon, Alibaba
Azure region support	Azure Global, China, Government, Germany	Azure Global, China, Government, Germany	Azure Global	Azure Global, Government	Azure Global, Government	Azure Global	Azure Global
Power and scaling Management	Yes	Yes	Yes	Yes	Yes	Yes	No
Hosted Desktop – DaaS offering	Yes, Azure only – based on WVD – CSP <i>(not yet released > 2019)</i>	Yes, IBM Cloud only	No	Yes, Azure, Amazon	Yes, Azure	Yes	Yes, with RemotePC agent and V17 support on Azure
BYO Azure subscription or vendor managed	<i>BYO and Citrix managed (WVD - CSP)</i>	BYO	BYO	BYO and Frame managed	BYO and Workspot managed	BYO and CloudJumper Managed	BYO
On-premises desktop support	Yes	Yes	No	No	Yes	Yes	Yes
Supported Identity Providers	Classic Active Directory, AzureAD and Domain Services, MyCitrix Identity	Classic Active Directory, AzureAD and Domain Services, TrueOkta, Ping, TrueSSO	Classic Active Directory, AzureAD and Domain Services, SAMLv2	Classic Active Directory, Google, Ping, Okta, AzureAD and Domain Services, SAMLv2, Oathv2	Classic Active Directory, AzureAD and Domain Services, SAMLv2	Classic Active Directory, AzureAD and Domain Services, SAMLv2	Classic Active Directory, AzureAD, SAMLv2
Remote Access-As-a-Service	Yes	No, additional Gateway required	Yes	Yes	Yes	Yes	No, additional Gateway required
Secondary authentication support	Yes, Azure MFA (for RADIUS – additional ADC required)	Yes, Azure MFA, (for RADIUS – additional Gateway required)	Yes, Azure MFA	Yes, Azure MFA	Yes, RADIUS	Yes, MFA, Azure MFA, Radius	Yes, RADIUS, Azure MFA
HTML5 web portal	Yes	Yes	Yes	Yes	Yes	Yes,	Yes
Advanced Unified Workspace Portal	Workspace App	Workspace ONE	No	No	No	Yes, Office 365 Dashboard integration	No
MDM/MAM - Endpoint Management	Yes, Citrix Endpoint Management (additional license)	Yes, Workspace ONE Unified Endpoint Management (additional license)	Yes, Intune (included in Microsoft 365 license)	No	No	No	No
Born in Cloud	No	No	Yes	Yes	Yes	Yes	No
Azure Marketplace offering	Yes	No	Yes	No	Yes	Yes	Yes
Profile Solution	UPM, WEM <i>(FSLogix as part of WVD – CSP)</i>	VMware UEM, AppVolumes	FSLogix (Now part of Microsoft), UPD	Yes, with Cloud support to Google, DropBox, Box, Onedrive	UPD	UPD or FSLogix enabled	UPD
Image management	Yes	Yes	Yes	Yes	Yes	Yes	Yes, v16.5 or higher required
Support and monitoring console	Yes	Yes	No	Yes	Yes	Yes	Yes
Minimum amount users	25 users minimum	50 users minimum	No minimum	No minimum	No minimum	10 Users Minimum	15 users minimum
Monthly price p/user	Virtual Apps or Desktops Essentials \$ 12 – User/Device (only) Virtual Apps and Desktops Service \$ 16.32 - User/Device (only)	Horizon Apps \$ 8 - Named \$13 - Concurrent Horizon Apps and Desktops \$ 16,5 - Named \$ 26,70 - Concurrent	Microsoft 365 - E3, E5 – F1 Or Windows E3, E5, F1 or	\$ 12 - Named \$ 24 - Concurrent	\$ 20 - Named \$ 40 - Concurrent	\$ 12 - Named	\$ 8,25 – Concurrent