

Deploying a Windows Server VM in Microsoft Azure



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Overview



Create a Windows Server VM in Azure

Connect to your VM in different ways



Create a Windows Server VM in Azure



Supported Windows Versions

Windows Server 2019 Datacenter

Windows Server 2016 Datacenter

- Nano Server
- Version 1709 with Containers

Windows Server 2012 R2 Datacenter

Windows Server 2008 R2 SP1

- Extended support end date January 14, 2020

Windows 10 Pro or Enterprise

- Certain offers (MSDN)
- Visual Studio 2017



Demo



1

Deploy Windows Server VM

- Azure portal
 - Make it a web server
 - Click click next vs custom options
 - Save resulting ARM template
- Azure Cloud Shell with ARM template



Connect to Your Windows Server VM



Windows Server Remote Management Options



**Remote Desktop
Protocol (RDP)**

TCP 3389



**WinRM
(PowerShell)
Remoting**

TCP 5985, 5986



Serial Console



Demo



2

Verify we can load the IIS default website on the new web server

RDP connection (DNS name and IP)

WinRM connection (Azure Cloud Shell)

Serial console connection



Summary



Keep in mind the mantra "Manage your servers as a herd and not individual pets"

Hybrid cloud unlocks bi-directional management possibilities

Thanks!

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