Deploying a Windows Server VM in Microsoft Azure



Tim WarnerAUTHOR EVANGELIST, PLURALSIGHT

@TechTrainerTim timw.info



Microsoft CERTIFIED

Trainer

Solutions Expert

Cloud Platform and Infrastructure



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

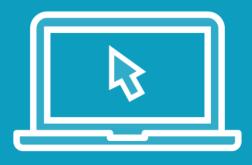
Extended support end date January 14, 2020

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



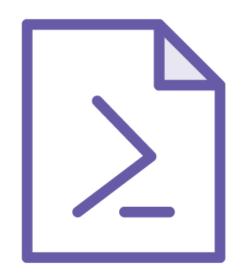
Connect to Your Windows Server VM



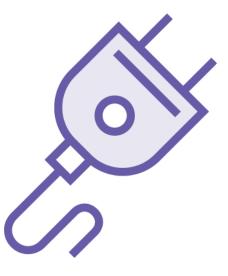
Windows Server Remote Management Options



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!

Twitter: @TechTrainerTim

Email: timothy-warner@pluralsight.com

