

Deploying a Linux Server VM in Microsoft Azure



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Overview



Create a new Ubuntu Linux VM

- Azure portal
- Azure Cloud Shell with ARM template

Connect to the VM with SSH



Create a Linux VM in Azure



Endorsed Linux Distributions in Azure

CentOS

CoreOS

Debian

**Oracle
Linux**

**Red Hat
Enterprise
Linux**

**SUSE
Enterprise
Linux**

openSUSE

Ubuntu



Azure VM Deployment Tools

Azure portal

Azure Cloud Shell

Azure PowerShell

Azure CLI v2.0

Azure SDKs

ARM templates



Demo



1

Deploy Ubuntu Linux VM

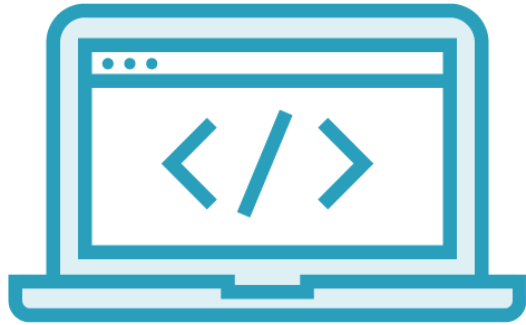
- Azure portal
 - Click click next vs custom options
- Azure Cloud Shell with ARM template



Connect to Your Linux VM



Linux Remote Management Options



**Secure Shell
(SSH)**



**Remote
Desktop
Protocol
(RDP)**



Serial Console

Demo



2

SSH connection (Azure Cloud Shell)

Perhaps change to key-based auth

Serial console connection



Summary



Linux is a first-class resident of the Azure ecosystem

40 percent of VMs in Azure run Linux

Now let's compare and contrast Linux VM deployment with...

Next module: Deploying a Windows Server VM in Microsoft Azure

