

Module 6: Assignment – 2

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Create a virtual machine ...

 Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.



Help me create a low cost VM

Help me create a VM optimized for high availability


Help me choose the right VM size for my workload



This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * 

Free Trial

Resource group * 


vm-west

[Create new](#)


Instance details

Virtual machine name * 

vm

Region * 

(US) West US 2

Availability options 

Availability zone

Zone options 




Self-selected zone

Choose up to 3 availability zones, one VM per zone



Azure-selected zone (Preview)

Let Azure assign the best zone for your needs

Availability zone * 

Zone 3



You can now select multiple zones. Selecting multiple zones will create one VM per zone. [Learn more](#)

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Create a virtual machine ...



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Basics Disks **Networking** Management Monitoring Advanced Tags Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution.

[Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network * 

(new) vm-vnet

[Create new](#)

Subnet * 

(new) default (10.0.0.0/24)

Public IP 

(new) vm-ip

[Create new](#)

NIC network security group 

☐ None

☒ Basic

☐ Advanced


Public inbound ports * 

☐ None

☒ Allow selected ports

Select inbound ports *

SSH (22)

 This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

Delete public IP and NIC when VM is deleted 

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Create public IP address

Name *

vm-ip

SKU 

☐ Basic

☒ Standard

 Availability zones are only supported on Standard SKU public IP addresses.


Assignment 

☒ Static

Routing preference 

☒ Microsoft network

☐ Internet

Availability zone 

☒ Zone-redundant

☐ Zone 3

[OK](#)