

# Lab: Azure Virtual Machines

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**Student ID:** 000907246

## Screenshots

### - Linux CentOS 7 – x64 Gen1 VM

The screenshot shows the 'Create a virtual machine' wizard in the Azure portal, specifically the 'Basics' tab. The browser address bar shows the URL: `portal.azure.com/?feature.msajs=true#create/Microsoft.VirtualMachine-ARM`. The page title is 'Create a virtual machine'. Below the title, there are tabs for 'Basics', 'Disks', 'Networking', 'Management', 'Monitoring', 'Advanced', 'Tags', and 'Review + create'. A message states: 'This subscription may not be eligible to deploy VMs of certain sizes in certain regions.' The 'Project details' section asks to select a subscription and resource group. The 'Instance details' section asks for the virtual machine name, region, and availability options. At the bottom, there are navigation buttons: '< Previous', 'Next : Disks >', and 'Review + create'. A 'Give feedback' link is also present.

Create a virtual machine - Microsoft Azure

portal.azure.com/?feature.msajs=true#create/Microsoft.VirtualMachine-ARM

Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > Virtual machines >

Create a virtual machine

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. [Learn more](#)

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 \* Azure subscription 1

Resource group \* RG1

Create new

**Instance details**

Virtual machine name \* LinuxVM1

Region \* (US) East US

Availability options \* No infrastructure redundancy required

< Previous Next : Disks > Review + create

Give feedback

Create a virtual machine - Mic...x

portal.azure.com/?feature.msajs=true#create/Microsoft.VirtualMachine:ARM

Microsoft Azure UpgradeSearch resources, services, and docs (G+/I)

vivekvash1507@gmail...  
DEFAULT DIRECTORY (VIVEKVA...

Home > Virtual machines >

Create a virtual machine...

Virtual machine name \* ⓘLinuxVM1✓

Region \* ⓘ(US) East US✓

Availability options ⓘNo infrastructure redundancy required✓

Security type ⓘStandard✓

Image \* ⓘCentOS-based 7.9 - x64 Gen1 (free services eligible)✓  
[See all images](#) | [Configure VM generation](#)  
There is a generation 2 version of this image available which has higher feature compatibility. [Click here to swao to the generation 2 version](#)

VM architecture ⓘ  
☐ Arm64  
☒ x64  
Arm64 is not supported with the selected image.

Run with Azure Spot discount ⓘ☐

You are in the free trial period. Costs associated with this VM can be covered by any remaining credits on your subscription. [Learn more](#)

< Previous

Next: Disks >

Review + create

Give feedback

Create a virtual machine - Mic...x

portal.azure.com/?feature.msajs=true#create/Microsoft.VirtualMachine:ARM

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vivekvash1507@gmail...  
DEFAULT DIRECTORY (VIVEKVA...

Home > Virtual machines >

Create a virtual machine...

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

**VM disk encryption**  
Azure disk storage encryption automatically encrypts your data stored on Azure managed disks (OS and data disks) at rest by default when persisting it to the cloud.  
Encryption at host ⓘ☐  
Encryption at host is not registered for the selected subscription. [Learn more about enabling this feature](#)

**OS disk**  
OS disk size ⓘImage default (31 GiB)✓  
OS disk type \* ⓘStandard HDD (locally-redundant storage)✓  
The selected VM size supports premium disks. We recommend Premium SSD for high IOPS workloads. Virtual machines with Premium SSD disks qualify for the 99.9% connectivity SLA.

Delete with VM ⓘ☒

Key management ⓘPlatform-managed key✓

< Previous

Next: Networking >

Review + create

Give feedback

CreateVm-OpenLogic.CentOS-7\_9-20240526183253 | Overview

Deployment

Search resources, services, and docs (G+)

Overview

Inputs

Outputs

Template

**Your deployment is complete**

Deployment name: CreateVm-OpenLogic.CentOS-7\_9-20240526183... Start time: 5/26/2024, 6:37:29 PM  
Subscription: Azure subscription 1 Correlation ID: b73978fa-cdc2-4e24-a0e9-139651c7e1fd  
Resource group: RG1

**Deployment details**

**Next steps**

Setup auto-shutdown Recommended  
Monitor VM health, performance and network dependencies Recommended  
Run a script inside the virtual machine Recommended

[Go to resource](#) [Create another VM](#)

**Give feedback**

Tell us about your experience with deployment

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LinuxVM1 - Microsoft Azure

portal.azure.com/?feature.msajs=true#@vivekvash1507@gmail.com/microsoft.com/resource/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae

Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > CreateVm-OpenLogic.CentOS-7\_9-20240526183253 | Overview >

**LinuxVM1** Virtual machine

Search

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback CLI / PS

**Overview**

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

**Connect**

Connect

Bastion

**Networking**

Network settings

Load balancing

Application security groups

Network manager

**Settings**

Disks

Extensions + applications

Operating system

**Essentials**

Resource group (move) : RG1

Status : Running

Location : East US

Subscription (move) : Azure subscription 1

Subscription ID : ee9ea131-d6f1-4e0b-baee-b293615685ae

Operating system : Linux (centos 7.9.2009)

Size : Standard B1s (1 vcpu, 1 GiB memory)

Public IP address : 52.191.74.185

Virtual network/subnet : VM1-vnet/default

DNS name : Not configured

Health state : -

Time created : 5/27/2024, 12:37 AM UTC

Tags (edit) : Add tags

**Properties** Monitoring Capabilities (7) Recommendations Tutorials

**Virtual machine**

Computer name : LinuxVM1

Operating system : Linux (centos 7.9.2009)

VM generation : V1

VM architecture : x64

Agent status : Ready

Agent version : 2.11.1.4

Hibernation : Disabled

**Networking**

Public IP address : 52.191.74.185 (Network interface linuxvm1671)

Public IP address (IPv6) : -

Private IP address : 10.0.0.5

Private IP address (IPv6) : -

Virtual network/subnet : VM1-vnet/default

DNS name : Configure

## - Windows VM overview screen with data disk

The screenshot shows the 'VM1 | Disks' page in the Microsoft Azure portal. The left sidebar contains navigation links for Connect, Bastion, Windows Admin Center, Networking, Settings, and Availability + scale. The main content area shows the 'Disks' section for VM1. A warning message at the top states: 'The desired performance might not be reached due to the maximum virtual machine disk performance cap. The current virtual machine size supports up to 23 MBps. The total for disks attached to VM1 is 120 MBps. Learn more.' Below this, the 'OS disk' section shows a single disk: VM1\_OsDisk\_1\_78b9425a2224e69a0, Standard HDD LRS, 127 GiB, 500 Max IOPS, 60 Max throughput, SSE with PMK encryption, and Read/write host caching. The 'Data disks' section shows one attached disk: Disk1, Standard HDD LRS, 32 GiB, 500 Max IOPS, 60 Max throughput, SSE with PMK encryption, and None host caching. Buttons for 'Apply' and 'Discard changes' are at the bottom.

Disk name	Storage type	Size (GiB)	Max IOPS	Max throughput (MBps)	Encryption	Host caching
VM1_OsDisk_1_78b9425a2224e69a0	Standard HDD LRS	127	500	60	SSE with PMK	Read/write

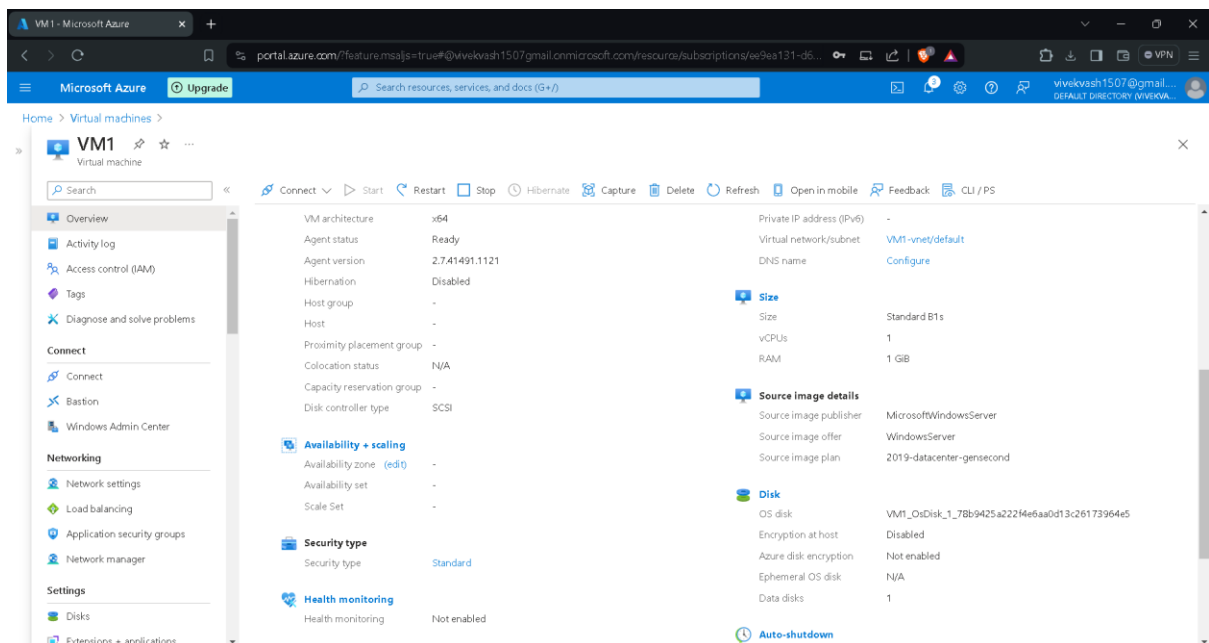
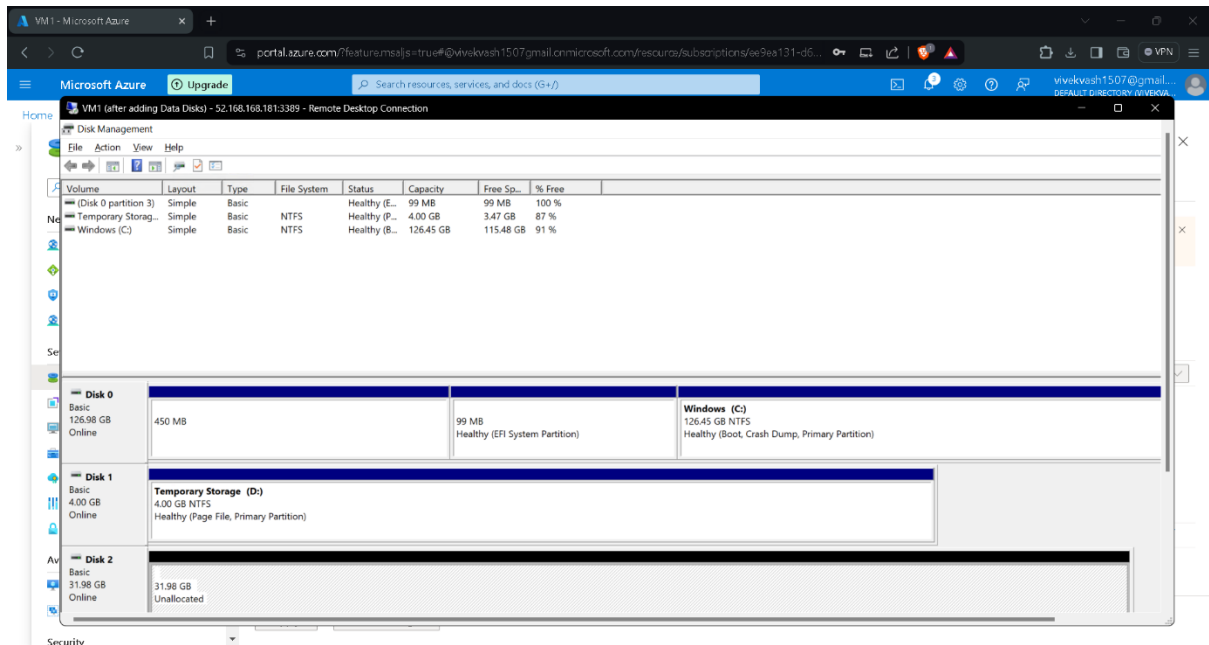
LUN	Disk name	Storage type	Size (GiB)	Max IOPS	Max throughput (MBps)	Encryption	Host caching
0	Disk1	Standard HDD LRS	32	500	60	SSE with PMK	None

The screenshot shows the Windows Server Manager Dashboard. The 'Disk Management' window is open, displaying a list of disks and volumes. A dialog box titled 'Initialize Disk' is open, prompting the user to initialize a disk before Logical Disk Manager can access it. The dialog shows 'Disk 2' selected and offers two partition styles: MBR (Master Boot Record) and GPT (GUID Partition Table). A note states: 'Note: The GPT partition style is not recognized by all previous versions of Windows.' The 'OK' button is highlighted.

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free
(Disk 0 partition 3)	Simple	Basic	NTFS	Healthy (E...)	99 MB	99 MB	100%
Temporary Storage (D:)	Simple	Basic	NTFS	Healthy (P...)	4.00 GB	4.00 GB	100%
Windows (C:)	Simple	Basic	NTFS	Healthy (B...)	126.45 GB	126.45 GB	100%

Disk	Layout	Type	File System	Status	Capacity	Free Space	% Free	
Disk 0	Basic	126.96 GB	Online	450 MB	99 MB	Healthy (EFI System)	126.45 GB	Healthy (Boot, C:)
Disk 1	Basic	4.00 GB	Online	Temporary Storage (D:)	4.00 GB	NTFS	Healthy (Page File, Primary Partition)	



- Create and test a Scale Set using the Az CLI

```
webServerScaleSet - Microsoft Azure Portal
Exercise - Deploy a scale set in the A... 172.172.148.12
portal.azure.com/?feature.msajs=true&@vivekvash1507@gmail.com/microsoft.com/resources/subscriptions/ee9ea131-d6f1-4e0b-b...
Microsoft Azure Upgrade Search resources, services, and docs (G+)
Bash
},
"osDisk": {
  "caching": "ReadWrite",
  "createOption": "FromImage",
  "deleteOption": "Delete",
  "diskSizeGB": 30,
  "managedDisk": {
    "storageAccountType": "Premium_LRS"
  },
  "osType": "Linux"
},
"timeCreated": "2024-05-27T04:37:36.7759818+00:00"
}
}
}
vivek [ ~ ]$ az network lb probe create --lb-name webServerScaleSetLB --resource-group myResourceGroup --name webServerHealth --port 80 --protocol Http --path /
{
  "etag": "W/\"/fe616fd5-0521-46de-9064-5ebe0cca9132\"/\"",
  "id": "/subscriptions/ee9ea131-d6f1-4e0b-baae-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/probes/webServerHealth",
  "intervalInSeconds": 15,
  "name": "webServerHealth",
  "numberOfProbes": 2,
  "port": 80,
  "probeThreshold": 1,
  "protocol": "Http",
  "provisioningState": "Succeeded",
  "requestPath": "/",
  "resourceGroup": "myResourceGroup",
  "type": "Microsoft.Network/loadBalancers/probes"
}
vivek [ ~ ]$ az network lb rule create --resource-group myResourceGroup --name webServerLoadBalancerRuleWeb --lb-name webServerScaleSetLB --probe-name webServerHealth --bac
kendpool.name webServerScaleSetLBBackend1 --backendport 80 --frontendip.name loadBalancerFipFrontEnd --frontendport 80 --protocol tcp
```

```
webServerScaleSet - Microsoft / x Exercise - Deploy a scale set in the A 172.172.148.12 +
portal.azure.com/?feature.msal=s=true#@vivekash1507@gmail.com/microsoft.com/resource/subscriptions/ee9ea131-d6f1-4e0b-b...
Microsoft Azure Upgrade Search resources, services, and docs (G+) vivekash1507@gmail...
Bash
vivek [ ~ ]$ az network lb rule create --resource-group myResourceGroup --name webServerLoadBalancerRuleWeb --lb-name webServerScaleSetLB --probe-name webServerHealth --back
end-pool-name webServerScaleSetLBBackendPool --backend-port 80 --frontend-ip-name loadBalancerFrontEnd --frontend-port 80 --protocol tcp
{
  "backendAddressPool": {
    "id": "/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/backendAddressPo
ols/webServerScaleSetLBBackendPool",
    "resourceGroup": "myResourceGroup"
  },
  "backendAddressPools": [
    {
      "id": "/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/backendAddress
Pools/webServerScaleSetLBBackendPool",
      "resourceGroup": "myResourceGroup"
    }
  ],
  "backendPort": 80,
  "disableOutboundSnat": false,
  "enableFloatingIP": false,
  "enableTcpReset": false,
  "etag": "W/\"0bcb8496-5f03-4f0a-88b3-b99001cad59\"\"",
  "frontendIPConfiguration": {
    "id": "/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/frontendIPConfig
urations/loadBalancerFrontEnd",
    "resourceGroup": "myResourceGroup"
  },
  "frontendPort": 80,
  "id": "/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/loadBalancingRules
/webServerLoadBalancerRuleWeb",
  "idleTimeoutInMinutes": 4,
  "loadDistribution": "Default",
  "name": "webServerLoadBalancerRuleWeb",
  "probe": {
    "id": "/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/probes/webServer
Health",
    "resourceGroup": "myResourceGroup"
  },
  "protocol": "Tcp",
  "provisioningState": "Succeeded",
  "resourceGroup": "myResourceGroup",
  "type": "Microsoft.Network/loadBalancers/loadBalancingRules"
}
```

```
webServerScaleSet - Microsoft / x Exercise - Deploy a scale set in the A 172.172.148.12 +
portal.azure.com/?feature.msal=s=true#@vivekash1507@gmail.com/microsoft.com/resource/subscriptions/ee9ea131-d6f1-4e0b-b...
Microsoft Azure Upgrade Search resources, services, and docs (G+) vivekash1507@gmail...
Bash
{
  "backendAddressPools": [
    {
      "id": "/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/backendAddress
Pools/webServerScaleSetLBBackendPool",
      "resourceGroup": "myResourceGroup"
    }
  ],
  "backendPort": 80,
  "disableOutboundSnat": false,
  "enableFloatingIP": false,
  "enableTcpReset": false,
  "etag": "W/\"0bcb8496-5f03-4f0a-88b3-b99001cad59\"\"",
  "frontendIPConfiguration": {
    "id": "/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/frontendIPConfig
urations/loadBalancerFrontEnd",
    "resourceGroup": "myResourceGroup"
  },
  "frontendPort": 80,
  "id": "/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/loadBalancingRules
/webServerLoadBalancerRuleWeb",
  "idleTimeoutInMinutes": 4,
  "loadDistribution": "Default",
  "name": "webServerLoadBalancerRuleWeb",
  "probe": {
    "id": "/subscriptions/ee9ea131-d6f1-4e0b-baee-b293615685ae/resourceGroups/myResourceGroup/providers/Microsoft.Network/loadBalancers/webServerScaleSetLB/probes/webServer
Health",
    "resourceGroup": "myResourceGroup"
  },
  "protocol": "Tcp",
  "provisioningState": "Succeeded",
  "resourceGroup": "myResourceGroup",
  "type": "Microsoft.Network/loadBalancers/loadBalancingRules"
}
vivek [ ~ ]$
```

webServerScaleSet - Microsoft Azure

Exercise: Deploy a scale set in the A... 172.172.148.12

portal.azure.com/?feature.msajs=true#@vivekvash1507@gmail.com/microsoft.com/resource/subscriptions/ee9ea131-d6f1-4a0b-b... Search resources, services, and docs (G+)

Microsoft Azure Upgrade

Home > Resource groups > myResourceGroup > webServerScaleSet

Virtual machine scale set

Search

Move Start Restart Stop Hibernate Reimage Delete Refresh Feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Instances

Networking

Network settings

Load balancing

Application security groups

Network manager

Settings

Disks

Extensions + applications

Operating system

Configuration

Properties

Essentials

Resource group (move): myResourceGroup

Status: 2 out of 2 succeeded

Location: East US

Subscription (move): Azure subscription 1

Subscription ID: ee9ea131-d6f1-4e0b-baee-b293615685ae

Operating system: Linux

Size: Standard\_DS1\_v2 (2 instances)

Public IP address: 172.172.148.12

Public IP address (IPv6): -

Virtual network/subnet: webServerScaleSetVNET/webServerScaleSetSubnet

Orchestration mode: Flexible

Time created: 5/27/2024, 4:37 AM UTC

Tags (edit): Add tags

Properties Monitoring Capabilities (6) Recommendations Tutorials

Virtual machine profile

Operating system: Linux

Capacity reservation group: -

Hibernation: Disabled

Networking

Public IP address: 172.172.148.12

Public IP address (IPv6): -

Virtual network/subnet: webServerScaleSetVNET/webServerScaleSetSubnet

Size

Size: Standard\_DS1\_v2

vCPUs: 1

RAM: 3.5 GB

Availability + scaling

Availability zone: -

Proximity placement group: -

Colocation status: -

webServerScaleSet - Microsoft Azure

Exercise: Deploy a scale set in the A... 172.172.148.12

portal.azure.com/?feature.msajs=true#@vivekvash1507@gmail.com/microsoft.com/resource/subscriptions/ee9ea131-d6f1-4a0b-b... Search resources, services, and docs (G+)

Microsoft Azure Upgrade

Home > Resource groups > myResourceGroup > webServerScaleSet

webServerScaleSet | Instances

Virtual machine scale set

Search

Edit columns Refresh Export to CSV Open query Assign tags Start Restart Stop Hibernate Reimage Delete Detach Upgrade

Filter for any field... Status equals all Add filter

Showing 1 to 2 of 2 records.

No grouping List view

Name	Computer name	Status	Type	Provisioning state
webServerScaleSet_343aa5c9	webServeHP9L5	Running	VM	Succeeded
webServerScaleSet_B27949B9	webServeYTUGZB	Running	VM	Succeeded

< Previous Page 1 of 1 Next >

Give feedback



The screenshot shows the Azure portal interface for a Virtual Machine Scale Set. The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Instances, Networking, and Settings. The main content area shows the 'Essentials' tab for the 'webServerScaleSet'. Key details include:
 

- Resource group: myResourceGroup
- Status: 2 out of 2 succeeded
- Location: East US
- Subscription: Azure subscription 1
- Operating system: Linux
- Size: Standard\_DS1\_v2 (2 instances)
- Public IP address: 172.172.148.12

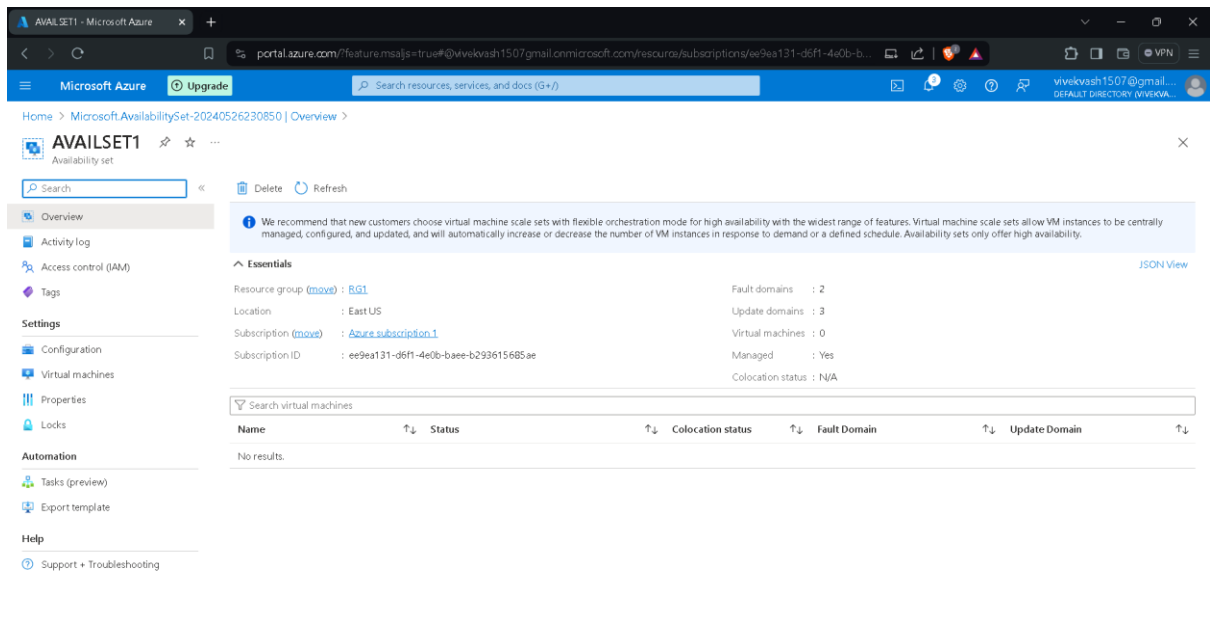
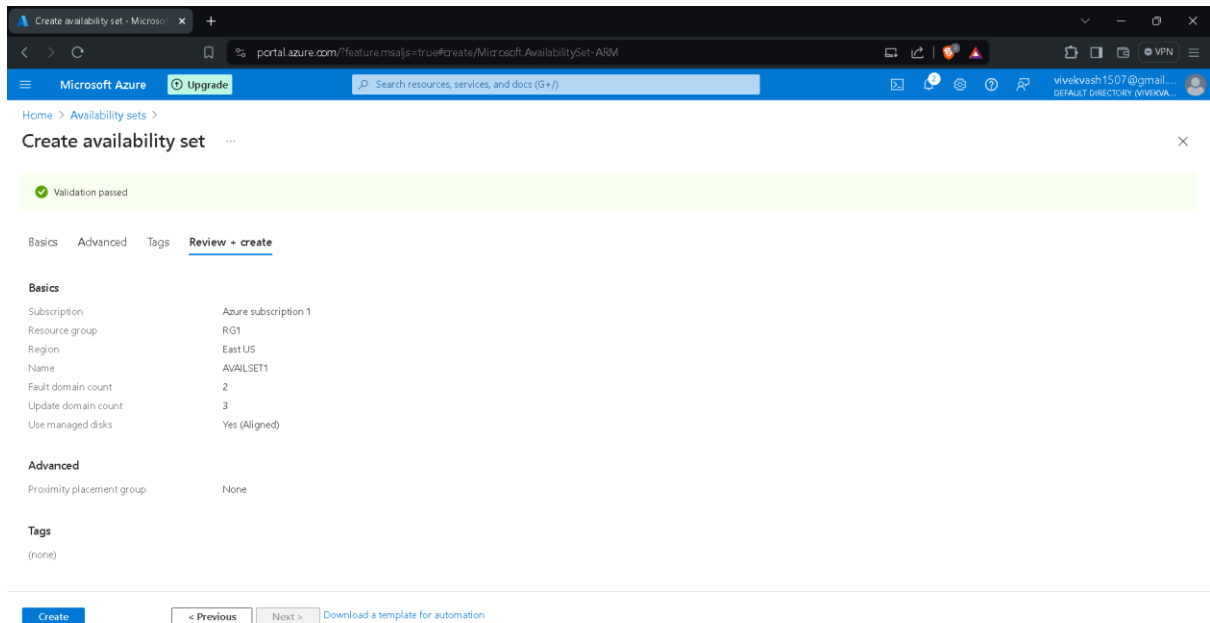
 A browser window is open in the foreground, displaying a 'Hello world from Virtual Machine Scale Set!' message, indicating the VMs are successfully running.

## - Availability Set with two virtual machines

The screenshot displays the 'Create availability set' wizard in the Azure portal. The 'Project details' section is filled out with 'Subscription' set to 'Azure subscription 1' and 'Resource group' set to 'RG1'. The 'Instance details' section shows:
 

- Name: AVAILSET1
- Region: (US) East US
- Fault domains: 2
- Update domains: 3
- Use managed disks: Yes (Aligned)

 At the bottom, there are buttons for 'Review + create', '< Previous', and 'Next: Advanced >'. A blue informational banner at the top recommends using virtual machine scale sets for high availability.



Create a virtual machine - Micr...x

portal.azure.com/?feature.msajs=true#create/Microsoft.VirtualMachine-ARM

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vivekvash1507@gmail...DEFAULT DIRECTORY (VIVEKVA...

Home > Virtual machines >

Create a virtual machine

Subscription \* ⓘAzure subscription 1

Resource group \* ⓘRG1  
[Create new](#)

Instance details

Virtual machine name \* ⓘWinVM1

Region \* ⓘ(US) East US

Availability options ⓘAvailability set

Based on your input, you might want to consider creating this resource as a virtual machine scale set, which allows you to manage, configure and scale load balanced virtual machines. [Create as VMSS](#)

Availability set \* ⓘAVAILSET1  
[Create new](#)

Security type ⓘStandard

Image \* ⓘWindows Server 2019 Datacenter - x64 Gen2 (free services eligible)  
[See all images](#) | [Configure VM generation](#)

< Previous

Next > Disks

Review > create

[Give feedback](#)

Create a virtual machine - Micr...x

portal.azure.com/?feature.msajs=true#create/Microsoft.VirtualMachine-ARM

Microsoft Azure UpgradeSearch resources, services, and docs (G+J)

vivekvash1507@gmail...DEFAULT DIRECTORY (VIVEKVA...

Home > Virtual machines >

Create a virtual machine

Validation passed

Basics

Subscription

Azure subscription 1

Resource group

RG1

Virtual machine name

WinVM1

Region

East US

Availability options

Availability set

Availability set

AVAILSET1

Security type

Standard

Image

Windows Server 2019 Datacenter - Gen2

VM architecture

x64

Size

Standard B1s (1 vcpu, 1 GiB memory)

Enable Hibernation

No

Username

vivek.vashisht

Public inbound ports

RDP

Already have a Windows license?

No

Azure Spot

No

Disks

< Previous

Next >

Create

[Download a template for automation](#) [Give feedback](#)

CreateVm-MicrosoftWindowsServer-201-20240526232655 | Overview

Overview

Inputs

Outputs

Template

Search

Delete Cancel Redeploy Download Refresh

✓

Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer:WindowsSer...

Subscription: Azure subscription 1

Resource group: RG1

Start time: 5/26/2024, 11:29:01 PM

Correlation ID: 11ced91a-aea5-4064-abe8-c2fb883dbda

Deployment details

Next steps

Setup auto-shutdown Recommended

Monitor VM health, performance and network dependencies Recommended

Run a script inside the virtual machine Recommended

Go to resource

Create another VM

Give feedback

Tell us about your experience with deployment

Cost Management

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Set up cost alerts >

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Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

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Create a virtual machine - Micr

portal.azure.com/feature.msajs=true#create/Microsoft.VirtualMachine-ARM

Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > Virtual machines >

Create a virtual machine

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

Subscription \* Azure subscription 1

Resource group \* RG1

Create new

Instance details

Virtual machine name \* LinuxVM1

Region \* (US) East US

Availability options Availability set

Based on your input, you might want to consider creating this resource as a virtual machine scale set, which allows you to manage, configure and scale load balanced virtual machines. Create a VMSS

Availability set \* AVAILSET1

Create new

Security type Standard

Image \* CentOS-based 7.9 - x64 Gen1 (free services eligible)

< Previous

Next: Disks >

Review > create

Give feedback

Create a virtual machine - Micr

portal.azure.com/?feature.msajs=true#create/Microsoft.VirtualMachine-ARM

Microsoft Azure Upgrade

Search resources, services, and docs (G+)

Home > Virtual machines >

Create a virtual machine

Validation passed

Basics

Subscription

Azure subscription 1

Resource group name

RG1

Virtual machine name

Linux/VM1

Region

East US

Availability options

Availability set

Availability set

AVAILSET1

Security type

Standard

Image

CentOS-based 7.9 - Gen1

VM architecture

x64

Size

Standard B1s (1 vcpu, 1 GiB memory)

Enable Hibernation

No

Authentication type

Password

Username

vivekvashisht

Public inbound ports

SSH

Azure Spot

No

Disks

< Previous

Next >

Create

Download a template for automation

Give feedback

CreateVm-OpenLogic.CentOS

portal.azure.com/?feature.msajs=true#view/HubsExtension/DeploymentDetailsBlade~/overview/id/862f4ubscription...

Microsoft Azure Upgrade

Search resources, services, and docs (G+)

Home >

CreateVm-OpenLogic.CentOS-7\_9-20240526233317 | Overview

Deployment

Search

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

Your deployment is complete

Deployment name: CreateVm-OpenLogic.CentOS-7\_9-20240526233...

Subscription: Azure subscription 1

Resource group: RG1

Start time: 5/26/2024, 11:35:48 PM

Correlation ID: 68e7802c-4e3c-4d4a-ad39-b7692c546673

Deployment details

Next steps

Setup auto-shutdown Recommended

Monitor VM health, performance and network dependencies Recommended

Run a script inside the virtual machine Recommended

Go to resource

Create another VM

Give feedback

Tell us about your experience with deployment

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

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LinuxVM1 - Microsoft Azure

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Home > AVAILSET1 >

**LinuxVM1** Virtual machine

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**Overview**

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

**Connect**

- Connect
- Bastion

**Networking**

- Network settings
- Load balancing
- Application security groups
- Network manager

**Settings**

- Disks
- Extensions + applications
- Operating system

Host group -

Host -

Proximity placement group -

Colocation status N/A

Capacity reservation group -

Disk controller type -

**Availability + scaling**

Availability zone (edit) -

Availability set AVAILSET1

Scale Set -

Fault domain 1

**Security type**

Security type Standard

**Health monitoring**

Health monitoring Not enabled

**Extensions + applications**

Extensions -

Applications -

**Size**

Size Standard B1s

vCPUs 1

RAM 1 GiB

**Source image details**

Source image publisher OpenLogic

Source image offer CentOS

Source image plan 7\_9

**Disk**

OS disk LinuxVM1\_OsDisk\_1\_f94299a8366e4015948adc5d2313b388

Encryption at host Disabled

Azure disk encryption Not enabled

Ephemeral OS disk N/A

Data disks 0

**Auto-shutdown**

Auto-shutdown Not enabled

Scheduled shutdown -

**Azure Spot**

Azure Spot -

WinVM1 - Microsoft Azure

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Home > AVAILSET1 >

**WinVM1** Virtual machine

Search

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**Overview**

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

**Connect**

- Connect
- Bastion
- Windows Admin Center

**Networking**

- Network settings
- Load balancing
- Application security groups
- Network manager

**Settings**

- Disks
- Extensions + applications

VM generation V2

VM architecture x64

Agent status Ready

Agent version 2.7.41.491.1121

Hibernation Disabled

Host group -

Host -

Proximity placement group -

Colocation status N/A

Capacity reservation group -

Disk controller type SCSI

**Availability + scaling**

Availability zone (edit) -

Availability set AVAILSET1

Scale Set -

Fault domain 0

**Security type**

Security type Standard

**Health monitoring**

Private IP address 10.1.0.4

Private IP address (IPv6) -

Virtual network/subnet WinVM1-vnet/default

DNS name Configure

**Size**

Size Standard B1s

vCPUs 1

RAM 1 GiB

**Source image details**

Source image publisher MicrosoftWindowsServer

Source image offer WindowsServer

Source image plan 2019-datacenter-gensecond

**Disk**

OS disk WinVM1\_OsDisk\_1\_efee264fed254684ab7d21c30873240a

Encryption at host Disabled

Azure disk encryption Not enabled

Ephemeral OS disk N/A

Data disks 0

AVAILSET1 - Microsoft Azure

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Home >

AVAILSET1Availability set

Search

DeleteRefresh

Overview

Activity log

Access control (IAM)

Tags

Settings

Configuration

Virtual machines

Properties

Locks

Automation

Tasks (preview)

Export template

Help

Support + Troubleshooting

We recommend that new customers choose virtual machine scale sets with flexible orchestration mode for high availability with the widest range of features. Virtual machine scale sets allow VM instances to be centrally managed, configured, and updated, and will automatically increase or decrease the number of VM instances in response to demand or a defined schedule. Availability sets only offer high availability.

Essentials

Resource group (move) : RG1

Location : East US

Subscription (move) : Azure subscription 1

Subscription ID : ee9ea131-d611-4e0b-baee-b293615685ae

Fault domains : 2

Update domains : 3

Virtual machines : 2

Managed : Yes

Colocation status : N/A

JSON View

Search virtual machines

Name	↑↓	Status	↑↓	Colocation status	↑↓	Fault Domain	↑↓	Update Domain	↑↓
LinuxVM1		Running				1		1	
WinVM1		Running				0		0	