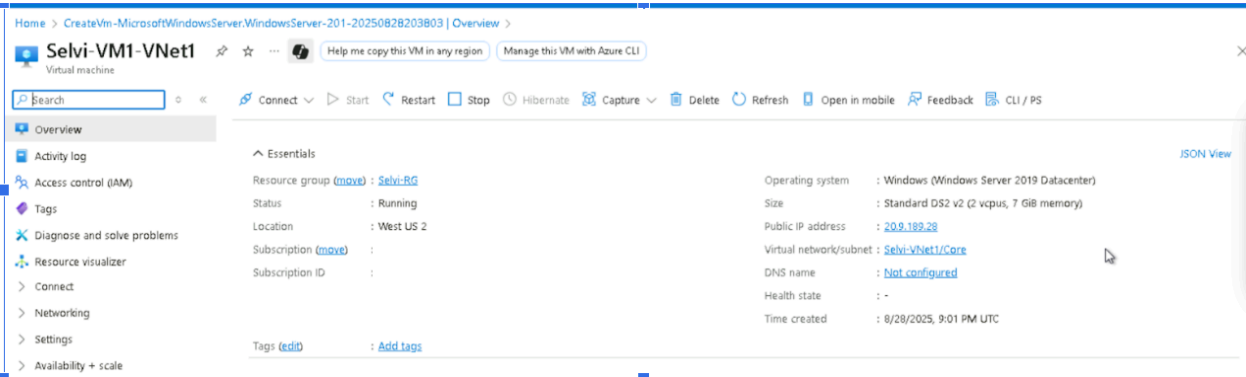
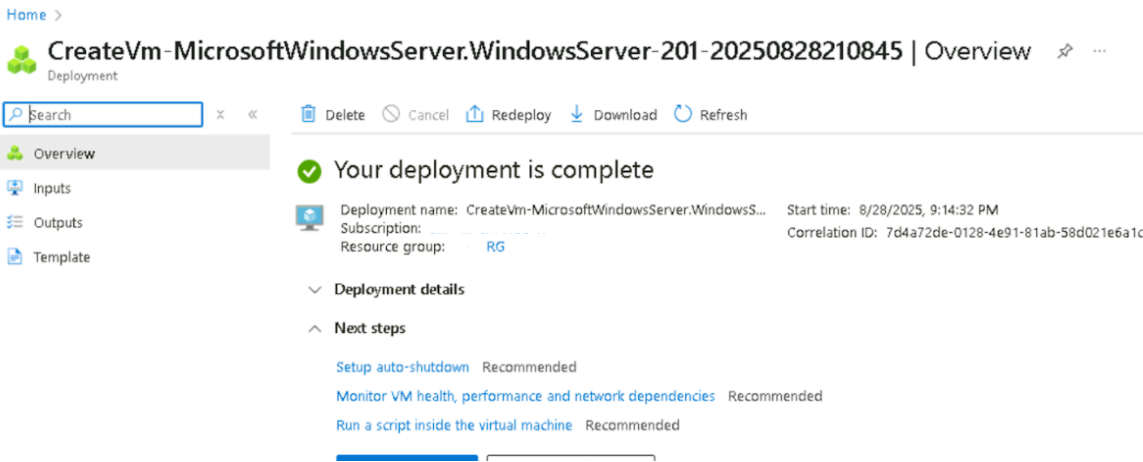
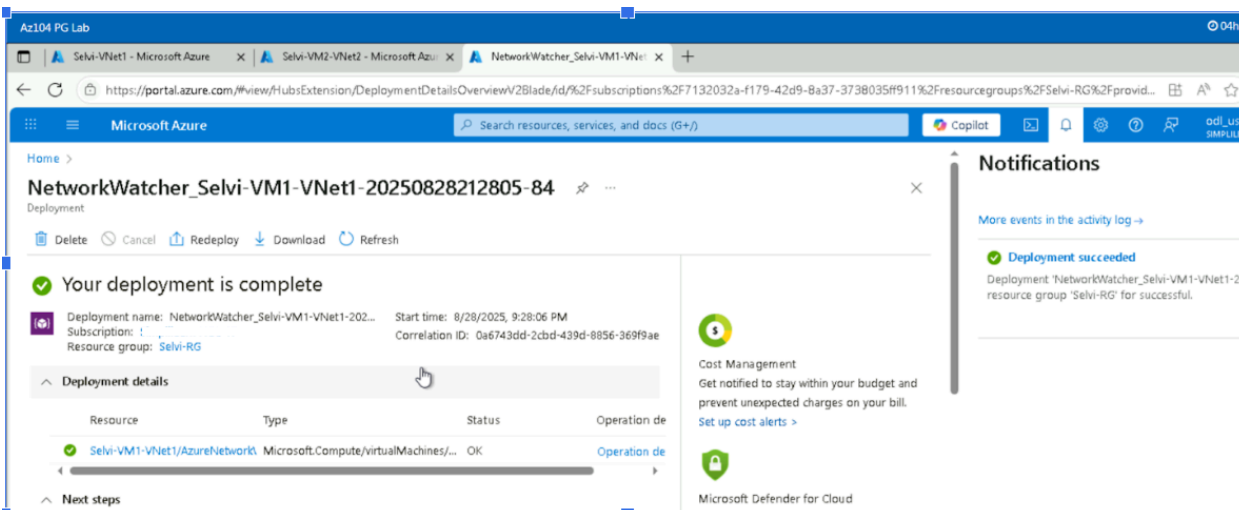
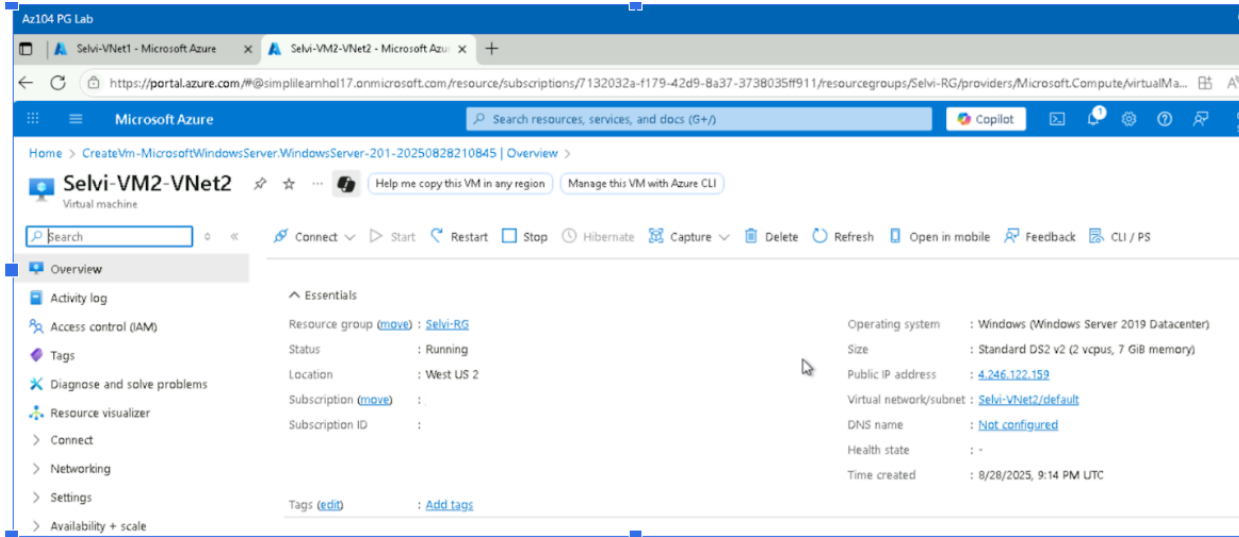


# Step 1: Set up virtual network -1 and add a virtual machine in West-Us 2



# Step 2: Set up virtual network -2 and add a virtual machine in West-Us 2





## Step 3: Configure VNet peering between the 2 virtual networks

Microsoft Azure portal interface showing the 'Selvi-VNet1 | Peerings' page. The page displays a table of virtual network peerings. The table has columns for Name, Peering sync status, Peering state, Remote network, and Virtual network. The first row shows 'VM-VNet2-To-VM-VNet1' with a status of 'Fully Synchronized' and a state of 'Connected'.

Name	Peering sync status	Peering state	Remote network	Virtual network
VM-VNet2-To-VM-VNet1	Fully Synchronized	Connected	Selvi-VN...	Disabled

## Step 4: Test the connectivity between VMs

Az104 PG Lab interface showing the 'Run Command Script' window. The window displays a PowerShell script to test network connectivity between two VMs. The script is: `Test-NetConnection 10.0.1.4 -port 3389`. The 'Run' button is visible at the bottom of the script editor.

Microsoft Azure

Home > Selvi-VM2-VNet2

### Selvi-VM2-VNet2 | Run command

Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Connect

Networking

Settings

Availability + scale

Now it's possible to execute multiple scripts at the same time, manage the updated Run Command feature, now available through Azure CLI

Run Command uses the VM agent to let you run a script inside this virtual application maintenance. Select a command below to see details.

Name
RunPowerShellScript
DisableNLA
DisableWindowsUpdate
EnableAdminAccount
EnableEMS

Run

Output

```
ComputerName : 10.0.1.4
RemoteAddress : 10.0.1.4
RemotePort : 3389
InterfaceAlias : Ethernet 2
SourceAddress : 10.1.0.4
TcpTestSucceeded : True
```

## Step 5 : Create Custom RBAC Role and add permissions to access VM, Network, Storage

Microsoft Azure

Home > Resource groups > Selvi-RG

### Selvi-RG | Access control (IAM)

Resource group

Search

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Cost Management

Monitoring

Automation

Action required: 1 user assignment

Check access

Role

A role definition is a collection of permissions

All

Job function role

vmope

Name

### VMOperator

CustomRole

Permissions JSON Assignments

Description: VM Operator for both virtual networks

Search permissions

Type: All

Permission Type

☒ Actions ☐ DataActions

Showing 12 of 12 permissions

Type	Permissions	Description
Microsoft.Compute		
Read	Get Virtual Machine ⓘ	Get the properties of a virtual machine
Other	Start Virtual Machine ⓘ	Starts the virtual machine

Showing 12 of 12 permissions

Type	Permissions	Description
Microsoft.Compute		
Read	Get Virtual Machine ⓘ	Get the properties of a virtual machine
Other	Start Virtual Machine ⓘ	Starts the virtual machine
Other	Restart Virtual Machine ⓘ	Restarts the virtual machine
Other	Deallocate Virtual Machine ⓘ	Powers off the virtual machine and releases the compute resources
Microsoft.Network		
Read	Get Network Interface ⓘ	Gets a network interface definition.
Read	Get Network Security Group ⓘ	Gets a network security group definition
Read	Get Public Ip Address ⓘ	Gets a public ip address definition.
Read	Get Virtual Network ⓘ	Get the virtual network definition
Microsoft.Storage		
Microsoft.Storage		
Read	Get blob container ⓘ	Returns a container
Read	List of blob containers ⓘ	Returns list of containers
Read	List File Services ⓘ	List file services
Read	Get file service properties ⓘ	Get file service properties

## Step 6: User Creation: (User name - Test User)

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Home > Simplilearn HOL 17 > Users > Users

TestUser

User

Search

Edit properties

Delete

Refresh

Reset password

Revoke sessions

Manage view

Got feedback?

Overview

Audit logs

Sign-in logs

Diagnose and solve problems

Custom security attributes

Assigned roles

Administrative units

Groups

Applications

Licenses

T

TestUser

TestUser@

Member

User principal name

TestUser@

Object ID

6c775010-59b0-4e1a-96b2-73337ef08ef6

Created date time

Aug 28, 2025, 11:20 PM

User type

Member

Identities

Group memberships

0

Applications

0

Assigned roles

0

Assigned licenses

0

## Role Assignment: [Role assignment name - VM Operator]

Home > Selvi-RG

Selvi-RG | Access control (IAM)

Resource group

Search

◊ ◀

+ Add

↓ Download role assignments

≡ Edit columns

🔄 Refresh

🗑 Delete

🗨 Feedback

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Cost Management

Monitoring

Added Role assignment

TestUser now has Eligible Timebound assignment for VMOperator role on Selvi-RG.

Action required: 1 user has elevated access in your tenant. You should take immediate action and remove all role assignments with elevated access. [View role assignments](#)

Check access

Role assignments

Roles

Deny assignments

Classic administrators

Looking for the previous check access view? [Click here.](#)

Check access

Review the level of access a user, group, service principal, or managed identity has to this resource. [Learn more](#)

Check access

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Cost Management

Monitoring

Automation

Help

Check access

Role assignments

Roles

Deny assignments

Classic administrators

Number of role assignments for this subscription

34

4000

Privileged

29

[View assignments](#)

vmoperator

Type : All

Role : All

Scope : All scopes

State : All

End time : All

Group by : Role

All (1)

Job function roles (1)

Privileged administrator roles (0)

☐

Name ↑↓

☐

Type ↑↓

☐

Role ↑↓

☐

Scope ↑↓

☐

State ↑↓

☐

End time ↑↓

☐

Condition ↑↓

VMOperator (1)

☐

TestUser

6c775010-59b0-4e...

User

VMOperator

This resource

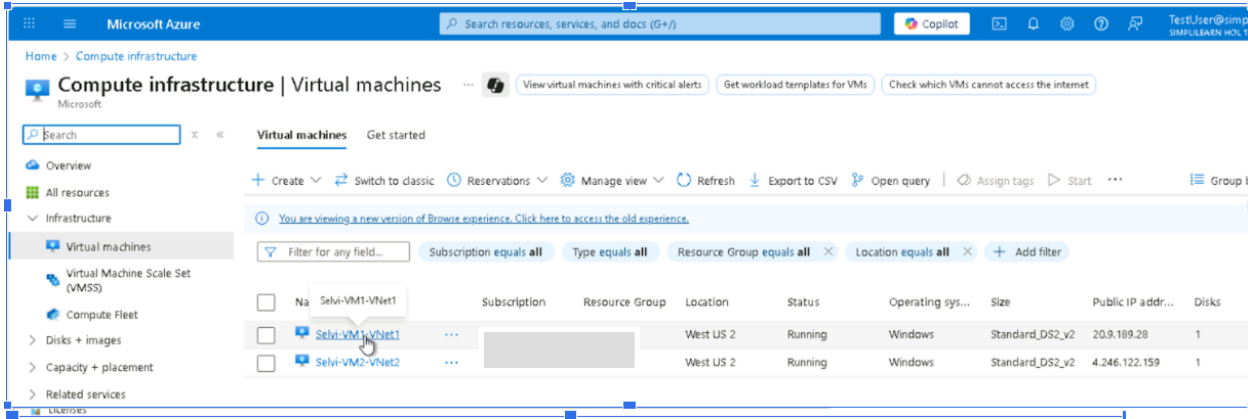
Eligible time-bound

8/28/2026, 11:25:50 PM

None

Showing 1 - 1 of 1 results.

Step 7 - Logged in as TestUser and validate the TestUser has access to the Virtual Machines in the 2 virtual Networks



## The TestUser is able to start/stop the virtual machine

