

LAB 6

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DEVOPS

SZABIST KARACHI

lab6vm - Microsoft Azure | Cloud Fundamentals Labs - Google | LAB 5 - Google Docs | +

https://portal.azure.com/#@bcsbs2112247szabist.onmicrosoft.com/resource/subscriptions/b66021fe-798c-48c3-b945-4826f4575449/resourcegroups/lab6vm/providers/Microsoft.Compute/vm...

Microsoft Azure | Upgrade | lab6vm | Copilot | bcsbs2112247@szabist... | DEFAULT DIRECTORY

Home > CreateVm-MicrosoftWindowsServer-201-20250412123548 | Overview >

lab6vm
Virtual machine

Search

Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Resource visualizer
Connect
Networking
Settings
Availability + scale
Security
Backup + disaster recovery
Operations
Monitoring
Automation
Help

lab6vm virtual machine agent status is not ready. Troubleshoot the issue →

Help me copy this VM in any region

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

Essentials

Resource group (move) : lab6vm
Status : Running
Location : East US (Zone 2)
Subscription (move) : Azure subscription 1
Subscription ID : b66021fe-798c-48c3-b945-4826f4575449
Availability zone : 2

Tags (edit) : Add tags

Operating system : Windows
Size : Standard B1s (1 vcpu, 1 GiB memory)
Public IP address : 40.76.249.255
Virtual network/subnet : lab6vm-vnet/default
DNS name : Not configured
Health state : -
Time created : 4/12/2025, 7:40 AM UTC

Properties Monitoring Capabilities (8) Recommendations Tutorials

Virtual machine

Computer name : lab6vm
Operating system : Windows
VM generation : V2
VM architecture : x64
Agent status : Not Ready

Networking

Public IP address : 40.76.249.255 (Network interface lab6vm898_z2)
Public IP address (IPv6) : -
Private IP address : 10.0.0.4
Private IP address (IPv6) : -
Virtual network/subnet : lab6vm-vnet/default

JSON View

Add or remove favorites by pressing Ctrl+Shift+F

33°C Haze

Search

12:40 pm 12/04/2025

TASK 2

Associate network interface - Microsoft Azure

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Home > lab6NSG

lab6NSG | Network interfaces

Network security group

Search

Associate Refresh Dissociate

Search network interfaces

Name Public IP address

No results.

Associate network interface

lab6NSG

Network interface associations *

lab6vm898_z2

OK

Type here to search

9:55 pm 13/04/2025

lab6NSG - Microsoft Azure

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Home > lab6NSG

lab6NSG | Network interfaces

Network security group

Search

Associate Refresh Dissociate

Search network interfaces

Name ↑↓	Public IP address ↑↓	Private IP address ↑↓	Virtual machine ↑↓
lab6vm898_z2	40.76.249.255	10.0.0.4	lab6vm

Overview
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Inbound security rules
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Properties
Locks
Monitoring

Add or remove favorites by pressing Ctrl+Shift+F

Give feedback

Type here to search

Very... 9:56 pm 13/04/2025

TASK 3

lab6vm - Microsoft Azure

Download history

chrome://downloads

Download history

Search download history

Clear all

Today

Remote Desktop Connection

Remote Desktop can't connect to the remote computer for one of these reasons:

- 1) Remote access to the server is not enabled
- 2) The remote computer is turned off
- 3) The remote computer is not available on the network

Make sure the remote computer is turned on and connected to the network, and that remote access is enabled.

OK Help

lab6vm - Microsoft Azure x Download history x +

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

lab6vm | Network settings

Virtual machine

Search

Resource visualizer

Connect

Networking

Network settings

Load balancing

Application security groups

Network manager

This is a new experience. [Please provide feedback](#)

Impacts 0 subnets, 1 network interfaces

Search rules

Source == all Destination == all Protocol == all Action == all

Priority ↑	Name	Port	Protocol	Source	Destination	Action
Inbound port rules (4)						
300	AllowAnyCustom3389Inbound	3389	TCP	Any	Any	✓
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	✓

lab6vm - Microsoft Azure x Download history x +

Chrome chrome://downloads

Download history

Search download history

Clear all

Today

Windows Security

Enter your credentials

These credentials will be used to connect to 40.76.249.255.

maft037

Password

☐ Remember me

[More choices](#)

OK Cancel

TASK 4

Microsoft Azure portal interface showing the "Add outbound security rule" dialog for the Network security group (lab6NSG) attached to the network interface of the virtual machine lab6vm.

The dialog displays the following configuration:

- Source: Any
- Source port ranges: *
- Destination: Service Tag
- Destination service tag: Internet
- Service: Custom
- Destination port ranges: 8080
- Protocol: TCP

The "Add" button is highlighted.

Below the dialog, the "Network settings" page for lab6vm is visible, showing the Network security group lab6NSG (attached to network interface: lab6vmin). It lists the following rules:

Priority	Name	Port
Inbound port rules (4)		
300	AllowAnyCustom3389Inbound	3389
65000	AllowVnetInBound	Any
65001	AllowAzureLoadBalancerInBound	Any
65500	DenyAllInBound	Any
Outbound port rules (3)		
65000	AllowVnetOutBound	Any
65001	AllowInternetOutBound	Any

Microsoft Azure portal interface showing the "Network settings" page for the virtual machine lab6vm. The page displays the Network security group lab6NSG (attached to network interface: lab6vmin) and lists the following rules:

Priority	Name	Port	Protocol	Source	Destination	Status
Inbound port rules (4)						
300	AllowAnyCustom3389Inbound	3389	TCP	Any	Any	✓
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	✓
65001	AllowAzureLoadBalancerInBound	Any	Any	AzureLoadBalancer	Any	✓
65500	DenyAllInBound	Any	Any	Any	Any	✗
Outbound port rules (4)						
4000	DenyInternet	8080	TCP	Any	Internet	✓
65000	AllowVnetOutBound	Any	Any	VirtualNetwork	VirtualNetwork	✓
65001	AllowInternetOutBound	Any	Any	Any	Internet	✓

