

# Introduction To Cloud Computing

## LAB 01

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BS-SE 7B

### Task 1: Create the virtual machine:

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bsse2280149@szabist.pk | DEFAULT DIRECTORY (BSSE22801...)

Home > Create a 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

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

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](#)

**i** 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 for Students

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Validation passed

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

1 X Standard D2s v3 by Microsoft | Subscription credits apply ⓘ | 0.1970 USD/hr | Pricing for other VM sizes

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**TERMS**

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

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Microsoft Azure

Search resources, services, and docs (G+/I)

Copilot

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DEFAULT DIRECTORY (BSSE22801...

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20251105115854 | Overview >

myVM

Virtual machine

Help me copy this VM in any region

Manage this VM with Azure CLI

Search

Help me copy this VM in any region

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Connect

Networking

Settings

Availability + scale

Security

Connect

Start

Restart

Stop

Hibernate

Capture

Delete

Refresh

Open in mobile

Feedback

Essentials

Resource group [\(move\)](#)  
[Resource-group1](#)

Status  
Running

Location  
Central India

Subscription [\(move\)](#)  
[Azure for Students](#)

Subscription ID  
504b0a3b-5612-41db-b87d-61c0d67009e3

Operating system  
Windows (Windows Server 2025 Datacenter)

Size  
Standard\_D2s\_v3

Primary NIC public IP  
[20.192.29.240](#)  
[1 associated public IPs](#)

Virtual network/subnet  
[vnet-centralindia/snet-centralindia-1](#)

DNS name  
[Not configured](#)

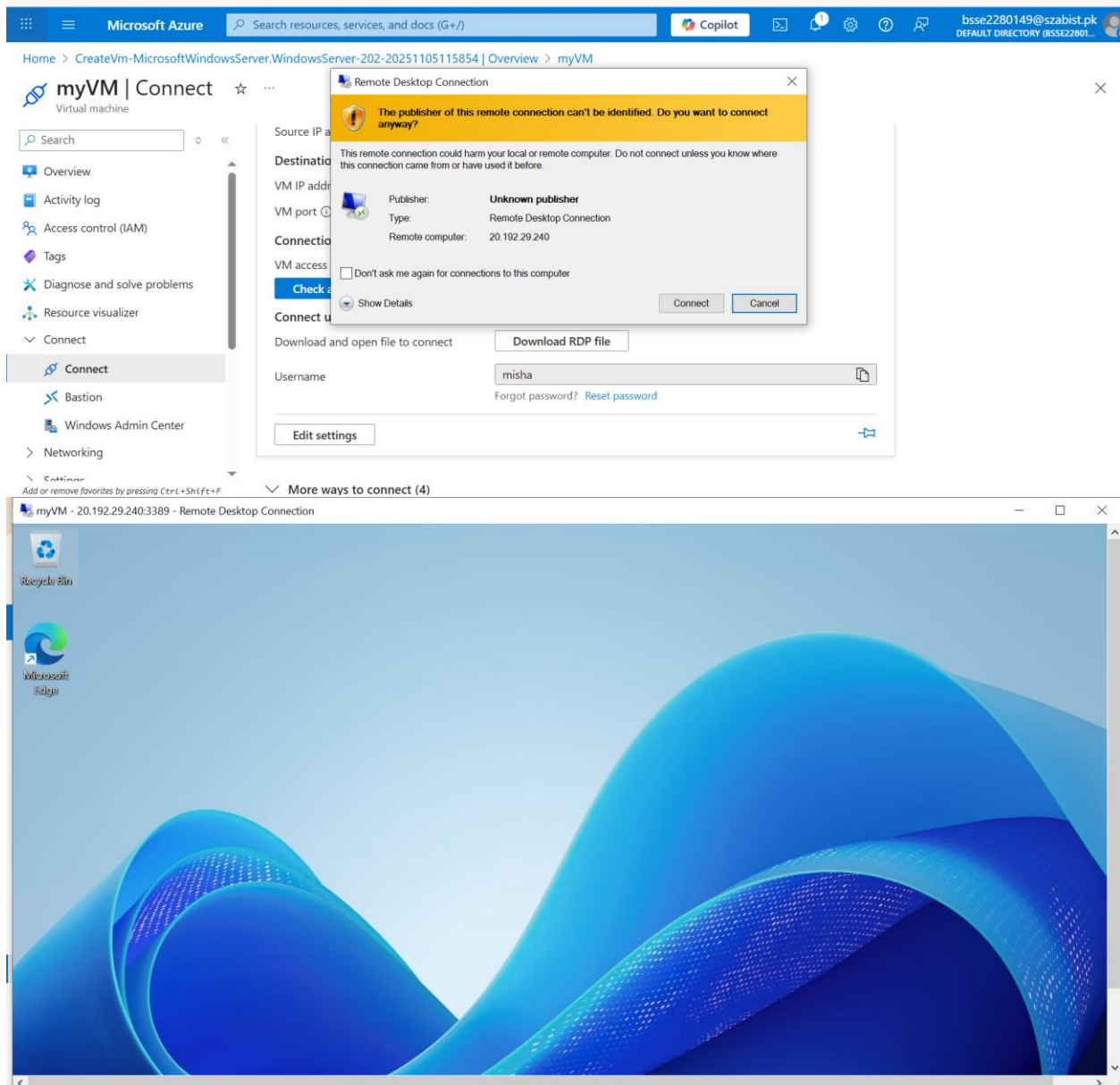
Health state  
-

[JSON View](#)

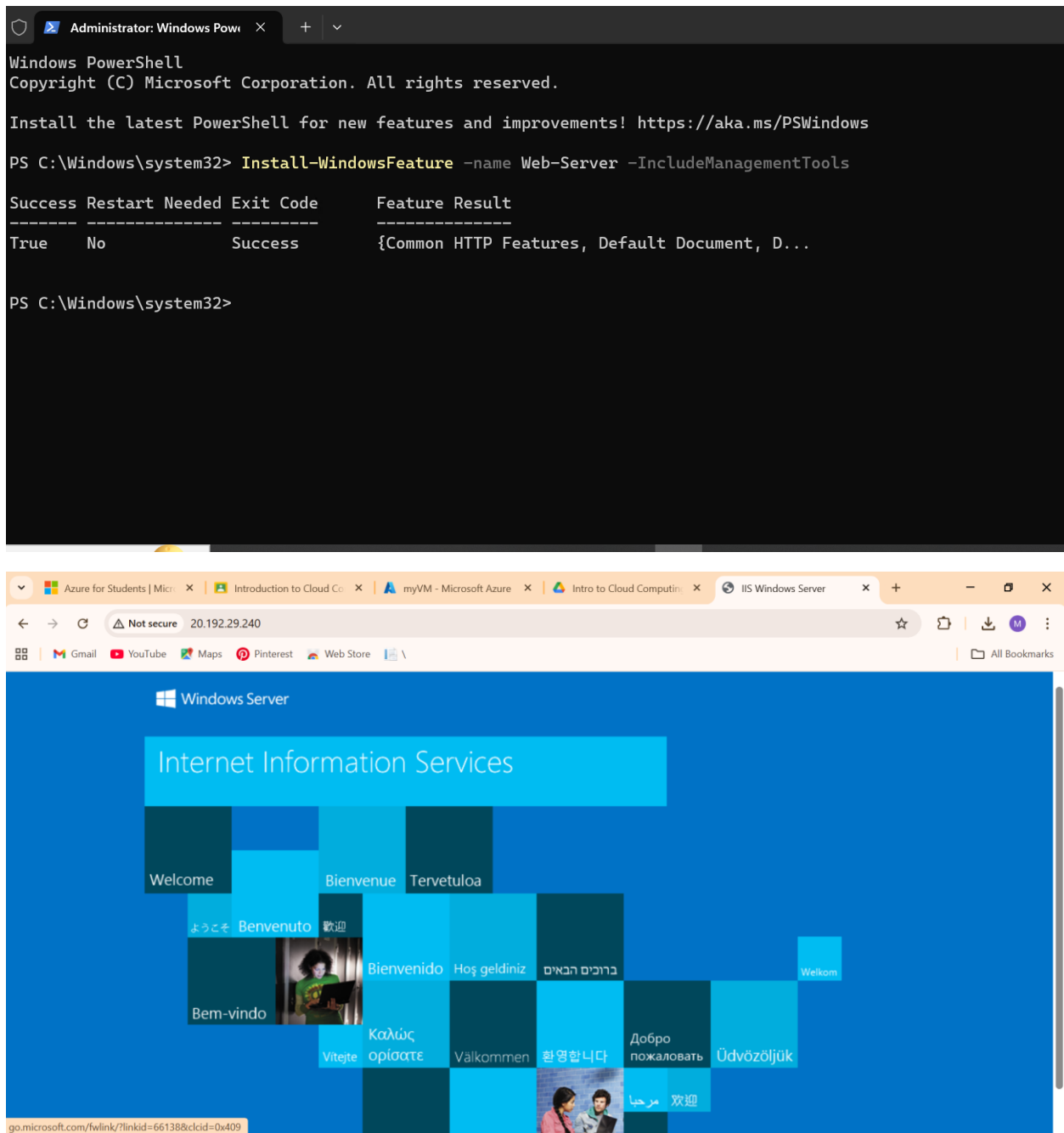
Desktop - Remote console

Add or remove favorites by pressing Ctrl+Shift+F

## Task 2: Connect to the virtual machine:



## Task 3: Install the web server role and test



The screenshot shows two windows from a Windows environment. The top window is an Administrator Windows PowerShell terminal. It displays the command to install the Web-Server role and the resulting output table.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Windows\system32> Install-WindowsFeature -name Web-Server -IncludeManagementTools
```

Success	Restart Needed	Exit Code	Feature Result
True	No	Success	{Common HTTP Features, Default Document, D...

PS C:\Windows\system32>

The bottom window is a web browser showing the IIS Windows Server default page. The page has a blue background with the text "Internet Information Services" and a grid of welcome messages in various languages. The browser's address bar shows the URL "20.192.29.240".