

# Introduction to Cloud Computing

## LAB 01

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BSSE 7-B

This screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal, specifically the 'Basics' tab. The page header includes the Microsoft Azure logo, a search bar, and the user's profile (bsse2280138@szabot.pk). The breadcrumb trail indicates the path: Home > Compute infrastructure > Virtual machines > Create a virtual machine. The 'Basics' tab is selected, with other tabs like Disks, Networking, Management, Monitoring, Advanced, Tags, and Review + create visible. A message states: 'This subscription may not be eligible to deploy VMs of certain sizes in certain regions.' The 'Project details' section shows the 'Subscription' dropdown set to 'Azure for Students'. At the bottom, there are navigation buttons: '< Previous', 'Next: Disks >', and 'Review + create'.

This screenshot shows the 'Review + create' tab of the 'Create a virtual machine' wizard. A green banner at the top indicates 'Validation passed'. The 'Review + create' tab is selected, with other tabs like Basics, Disks, Networking, Management, Monitoring, Advanced, and Tags visible. The 'Price' section shows '1 X Standard D2v v3 by Microsoft' with a price of '0.2240 USD/hr'. A note states 'Subscription credits apply' and provides a link to 'Pricing for other VM sizes'. The 'TERMS' section is also visible. At the bottom, there are navigation buttons: '< Previous', 'Next >', and 'Create'. A link to 'Download a template for automation' and a 'Give feedback' button are also present.

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Home > CreateVM-MicrosoftWindowsServer-202-20251107192552 | Overview

**arihaVM** Virtual machine

Search

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Resource visualizer
- Connect
- Networking
- Settings
- Availability + scale
- Security

Alert or remove firewall by pressing Ctrl+Shift+F

arihaVM 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 Scale Open in mobile

Essentials

Resource group (more) [MyResourceGroup](#)

Status: Running

Location: East Asia

Subscription (more) [Azure for Students](#)

Subscription ID: 57a8b5a5-89cd-44d7-aad1-c65ebd115a43

Operating system: Windows

Size: Standard D2s v3 (2 vcpus, 8 GiB memory)

Primary NIC public IP: 20.205.34.20

1 associated public IP: [1 associated public IP](#)

Virtual network/subnet: [vnet-eastasia/vnet-eastasia-1](#)

DNS name: Not configured

JSON View

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**arihaVM | Connect** Virtual machine

Search

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Remote Desktop Connection

The publisher of this remote connection can't be identified. Do you want to connect anyway?

This remote connection could form your local or remote computer. Do not connect unless you know where the connection came from or have used it before.

Source machine: Publisher: Unknown publisher

Source machine type: Remote computer

Source IP address: 20.205.34.20

☐ Don't ask me again for connections to this computer

Destination: VM IP address: 20.205.34.20

VM port: 3389

Connection prerequisites

VM access: Port 3389 is accessible from source IP(s). [View applied NSG rules](#)

Check access

Connect using RDP file

Download and open file to connect [Download RDP file](#)



```
Administrator: Windows PowerShell
Windows PowerShell
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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...
```

