

# INTRODUCTION TO CLOUD COMPUTING

## LAB TASK 01

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BSSE 7-B

This screenshot shows the 'Create a virtual machine' page 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@szabist.pk). The main heading is 'Create a virtual machine'. Below this, there are three help buttons: 'Help me create a low cost VM', 'Help me create a VM optimized for high availability', and 'Help me choose the right VM size for my workload'. The 'Basics' tab is selected, showing instructions to create a VM running Linux or Windows. A notification states: 'This subscription may not be eligible to deploy VMs of certain sizes in certain regions.' Under 'Project details', the 'Subscription' is 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' page. A green banner at the top indicates 'Validation passed'. The 'Review + create' tab is selected, showing the 'Price' section. The configuration is for '1 X Standard D2s v3 by Microsoft'. The price is listed as '0.2240 USD/hr' with a note that 'Subscription credits apply'. Below the price, there are links for 'Terms of use' and 'Privacy policy'. At the bottom, there are navigation buttons: '< Previous', 'Next >', and 'Create'. A link for 'Download a template for automation' and a 'Give feedback' button are also present.

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**arihaVM** Virtual machine

Search

Overview

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

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** JSON View

Resource group (move)	Operating system
<a href="#">MyResourceGroup</a>	Windows
Status	Size
Running	Standard D2s v3 (2 vcpus, 8 GiB memory)
Location	Primary NIC public IP
East Asia	<a href="#">20.205.34.70</a>
Subscription (move)	<a href="#">1 associated public IPs</a>
<a href="#">Azure for Students</a>	Virtual network/subnet
Subscription ID	<a href="#">vnet-eastasia/snet-eastasia-1</a>
57a8b5a5-89cd-44d7-aaaf-c65ebdf15a43	DNS name
	<a href="#">Not configured</a>

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**arihaVM | Connect** Virtual machine

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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 harm your local or remote computer. Do not connect unless you know where this connection came from or have used it before.

Publisher: Unknown publisher

Type: Remote Desktop Connection

Remote computer: 20.205.34.70

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

Show Details

Connect Cancel

Source machine

Source machine name

Source machine IP address

Destination

VM IP address

VM port 3389

Connection prerequisites

VM access

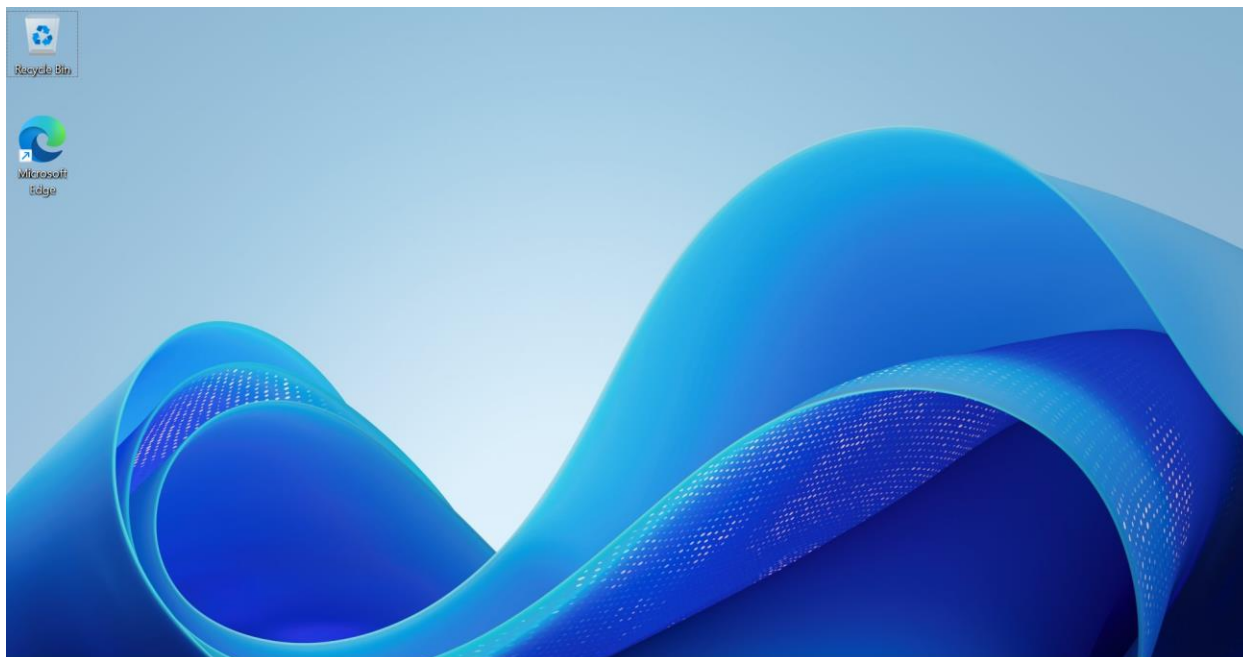
Check access

Port 3389 is accessible from source IP(s) View applied NSG rules

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...
```

