

Introduction To Cloud Computing

LAB 02

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BS-SE 7B

Task 1: Create a virtual network:

Microsoft Azure

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Home > Network foundation | Virtual networks >

Create virtual network

Basics Security IP addresses Tags Review + create

Resource group * (New) RG-1
[Create new](#)

Instance details

Virtual network name * vnet1

Region * (Asia Pacific) Central India
[Deploy to an Azure Extended Zone](#)

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Microsoft Azure

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vnet1-1762329817314 | Overview

Deployment

Search

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Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : vnet1-1762329817314 Start time : 11/5/2025, 1:03:47 PM

Subscription : Azure for Students Correlation ID : 3f97eebd-9d70-4fb6-aae6-509...

Resource group : RG-1

> Deployment details

✓ Next steps

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Task 2: Create two virtual machines:

The screenshot displays the Microsoft Azure portal interface for two virtual machines, VM1 and VM2. The browser tabs at the top include "Azure for Students | Microsoft...", "Introduction to Cloud Comput...", "VM1 - Microsoft Azure", and "Intro to Cloud Computing Assi...". The address bar shows the URL: `portal.azure.com/#@bsse2280149szabist.onmicrosoft.com/resource/subscriptions/504b0a3b-5612-41db-b87d-61c0d67009e3/resourcegrou...`.

The left sidebar contains the navigation menu with options: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Connect, Bastion, Windows Admin Center, and Networking. The main content area shows the "Overview" page for a virtual machine.

VM1 Overview:

- Essentials:**
 - Resource group: [RG-1](#)
 - Status: Running
 - Location: Central India
 - Subscription: [Azure for Students](#)
 - Subscription ID: 504b0a3b-5612-41db-b87d-61c0d67009e3
- Operating system:** Windows (Windows Server 2025 Datacenter)
- Size:** Standard D2s v3 (2 vcpus, 8 GiB memory)
- Primary NIC public IP:** [74.225.171.142](#)
- Virtual network/subnet:** [vnet1/snet-centralindia-1](#)
- DNS name:** [Not configured](#)
- Health state:** -

VM2 Overview:

- Essentials:**
 - Resource group: [RG-1](#)
 - Status: Running
 - Location: Central India
 - Subscription: [Azure for Students](#)
 - Subscription ID: 504b0a3b-5612-41db-b87d-61c0d67009e3
- Operating system:** Windows (Windows Server 2025 Datacenter)
- Size:** Standard D2s v3 (2 vcpus, 8 GiB memory)
- Primary NIC public IP:** [74.225.171.135](#)
- Virtual network/subnet:** [vnet1/snet-centralindia-2](#)
- DNS name:** [Not configured](#)
- Health state:** -

Task 3: Test the connection





