

# Introduction To Cloud Computing

## LAB 02

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### Task 1: Create a virtual network:

The screenshot shows the Microsoft Azure portal interface for creating a virtual network. At the top, there's a navigation bar with 'Microsoft Azure', a search bar, and various icons. Below it, the URL is 'Home > Network foundation | Virtual networks > Create virtual network'. The main area has tabs for 'Basics', 'Security', 'IP addresses', 'Tags', and 'Review + create'. Under 'Basics', the 'Resource group' dropdown is set to '(New) RG-1'. The 'Instance details' section includes fields for 'Virtual network name' (set to 'vnet1') and 'Region' (set to '(Asia Pacific) Central India'). There's also a link to 'Deploy to an Azure Extended Zone'. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons, along with a 'Give feedback' link.

The screenshot shows the Microsoft Azure portal for the deployed virtual network 'vnet1-1762329817314'. The top navigation bar is identical to the previous screenshot. The main page title is 'vnet1-1762329817314 | Overview'. On the left, there's a sidebar with 'Overview', 'Inputs', 'Outputs', and 'Template' options. The main content area shows a green checkmark icon and the message 'Your deployment is complete'. It provides deployment details: Deployment name: vnet1-1762329817314, Subscription: Azure for Students, Resource group: RG-1, Start time: 11/5/2025, 1:03:47 PM, and Correlation ID: 3f97eebd-9d70-4fb6-aae6-509... Below this, there are sections for 'Deployment details' and 'Next steps', with a 'Go to resource' button. The right side of the page features promotional cards for 'Cost management', 'Microsoft Defender for Cloud', and 'Free Microsoft tutorials'.

## Task 2: Create two virtual machines:

The screenshot shows the Azure portal interface with two separate browser tabs for virtual machines.

**VM1 - Microsoft Azure** (Top Tab):

- Overview** tab selected.
- Essentials** section details:
  - 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
  - 1 associated public IPs
  - Virtual network/subnet: vnet1/snet-centralindia-1
  - DNS name: Not configured
  - Health state: -

**VM2 - Microsoft Azure** (Bottom Tab):

- Overview** tab selected.
- Essentials** section details:
  - 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
  - 1 associated public IPs
  - Virtual network/subnet: vnet1/snet-centralindia-2
  - DNS name: Not configured
  - Health state: -

## Task 3: Test the connection





