

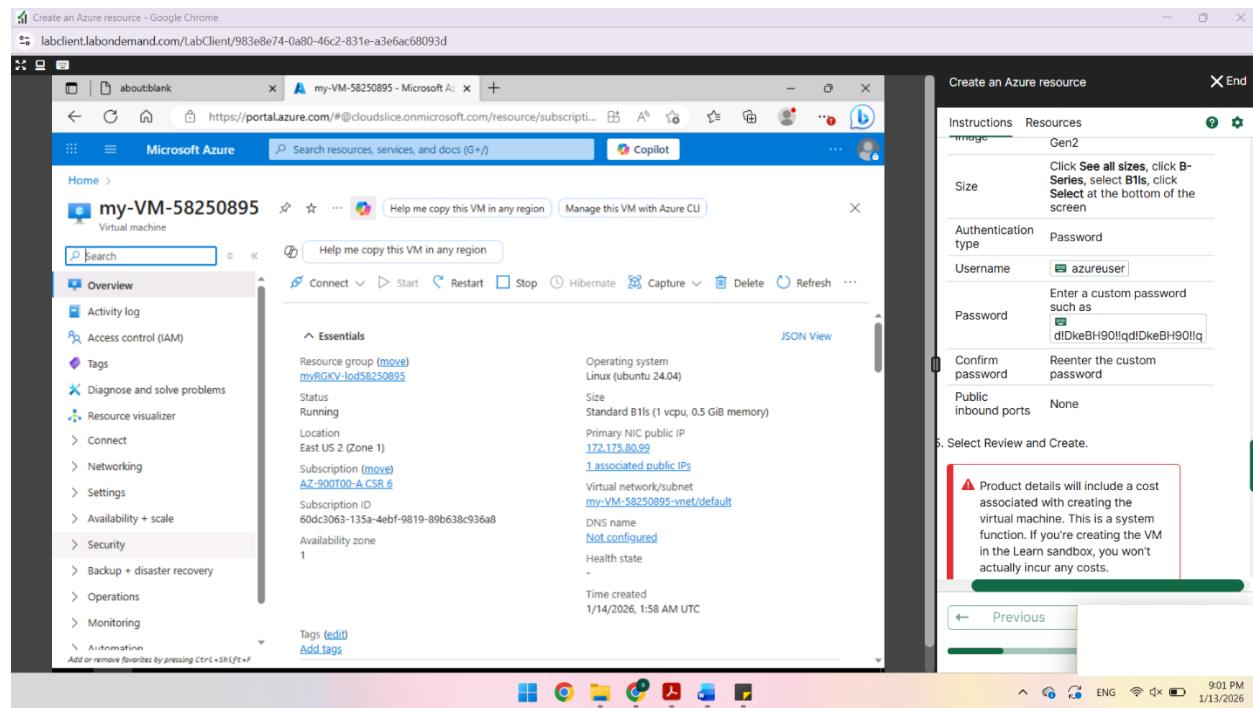
Project Overview

This document summarizes hands-on experience deploying Azure resources and virtual machines using the Azure Portal.

- Created and managed core Azure resources
- Deployed and configured an Azure Virtual Machine

Azure Resource Provisioning

This section documents the creation and management of core Azure resources using the Azure Portal, including subscription selection, resource group setup, and foundational configuration.



Create an Azure resource - Google Chrome
labclient.labondemand.com/LabClient/983e8e74-0a80-46c2-831e-a3e6ac68093d

about:blank my-VM-58250895 - Microsoft Edge https://portal.azure.com/#@cloudslice.onmicrosoft.com/resource/subscript... +

Microsoft Azure Search resources, services, and docs (G+) Copilot

Home > my-VM-58250895 Virtual machine

Overview Activity log Access control (IAM) Tags Diagnose and solve problems Resource visualizer > Connect > Networking > Settings > Availability + scale > Security > Backup + disaster recovery > Operations > Monitoring > Automation Add or remove favorites by pressing Ctrl+Shift+F

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine Computer name my-VM-58250895 Operating system Linux (Ubuntu 24.04) VM generation V2 VM architecture x64 Agent status Ready Agent version 2.15.0.1 Hibernation Disabled Host group

Help me copy this VM in any region Manage this VM with Azure CL

Instructions Resources Size Click See all sizes, click B-Series, select B1s, click Select at the bottom of the screen Authentication type Password Username azureuser Enter a custom password such as dIDkeBH90!qdIDkeBH90!q Password Confirm password Reenter the custom password Public inbound ports None

5. Select Review and Create.

⚠ Product details will include a cost associated with creating the virtual machine. This is a system function. If you're creating the VM in the Learn sandbox, you won't actually incur any costs.

Previous 9:01 PM 1/13/2026

Create an Azure resource - Google Chrome
labclient.labondemand.com/LabClient/983e8e74-0a80-46c2-831e-a3e6ac68093d

about:blank myRGKV-ld58250895 - Microsoft Edge https://portal.azure.com/#@cloudslice.onmicrosoft.com/resource/subscript... +

Microsoft Azure Search resources, services, and docs (G+) Copilot

Home > Resource Manager | Resource groups > myRGKV-ld58250895 Resource group

Overview Activity log Access control (IAM) Tags Resource visualizer Events > Settings > Cost Management > Monitoring > Automation > Help Add or remove favorites by pressing Ctrl+Shift+F

Export resource groups using Bicep or Terraform +

Group by none JSON View

Essentials Resources Recommendations

Filter for any field... Type equals all Location equals all + Add filter

Name	Type	Location
my-VM-58250895	Virtual machine	East US 2
my-VM-58250895-ip	Public IP address	East US 2
my-VM-58250895-nsg	Network security group	East US 2
my-VM-58250895-vnet	Virtual network	East US 2
my-vm-582508955s_z1	Network Interface	East US 2
my-VM-58250895_disk1_99e5cefb2974405b	Disk	East US 2

Create an Azure resource Instructions Resources Size Click See all sizes, click B-Series, select B1s, click Select at the bottom of the screen Authentication type Password Username azureuser Enter a custom password such as dIDkeBH90!qdIDkeBH90!q Password Confirm password Reenter the custom password Public inbound ports None

5. Select Review and Create.

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Azure Virtual Machine Deployment

This section documents the deployment and configuration of an Azure Virtual Machine using the Azure Portal, including resource selection, configuration choices, and validation steps.

The screenshot shows the Azure Portal interface for a virtual machine named VM1. The main pane displays the VM1 overview, showing its status as 'Running'. Key details include:

- Resource group: AZ900RGlod58311996
- Subscription: Challenge Labs 07
- Location: East US 2 (Zone 1)
- Primary NIC public IP: 128.24.112.239
- Virtual network/subnet: vnet-eastus2/snet-eastus2-1
- DNS name: Not configured
- Health state: -
- Time created: 1/16/2026, 2:30 AM UTC

The right-hand panel is titled "AZ900-011: Deploy an Azure Virtual Machine [Guided]" and shows a progress bar at 19 Minutes Remaining. It includes sections for "Instructions", "Resources", "Help", and "Check your work". The "Check your work" section contains two items:

- Verify that you have created an Azure virtual machine named VM1. Status: Congratulations! You have created an Azure virtual machine named VM1.
- Verify that you have created an Azure virtual machine named VM1. Status: Congratulations! You have created an Azure virtual machine named VM1.

At the bottom, there are "Previous" and "Next: Review Azure virtual..." buttons.

The screenshot shows the Azure Portal interface for a virtual machine named VM2. The main pane displays the VM2 overview, showing its status as 'Running'. Key details include:

- Resource group: AZ900RGlod58311996
- Subscription: Challenge Labs 07
- Location: East US 2
- Primary NIC public IP: 20.161.229.202
- Virtual network/subnet: CloudNet/subnet-01
- DNS name: vm258311996.eastus2.cloudapp.azure.com
- Health state: -
- Time created: 1/16/2026, 2:19 AM UTC

The right-hand panel is titled "AZ900-011: Deploy an Azure Virtual Machine [Guided]" and shows a progress bar at 18 Minutes Remaining. It includes sections for "Instructions", "Resources", "Help", and "Check your work". The "Check your work" section contains two items:

- The Get-AzVM cmdlet
- The az vm 2.0 commands

Below these, there are two verification boxes:

- What is the name of the virtual network that VM2 is connected to? Answer: CloudNet. Status: ✓ That is correct.
- How many vCPUs does VM2 have? Answer: 4. Status: ✓ That is correct.

At the bottom, there are "Previous" and "Next" buttons.