

Introduction to Cloud Computing

LAB 05

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BSSE 7-B

Task 1: Create an Azure Key Vault

The screenshot shows the Microsoft Azure portal interface. At the top, there's a navigation bar with the Microsoft Azure logo, a search bar, and user information. Below the navigation bar, the main content area displays the 'keyvaulttest098h' deployment overview. The status is 'Your deployment is complete'. Key details include: Deployment name: keyvaulttest098h, Subscription: Azure for Students, Resource group: RG, Start time: 11/14/2025, 10:56:36 PM, and Correlation ID: 38bad236-13f0-41ea-9436-1a5... The left sidebar shows the 'Overview' tab selected, with options for Inputs, Outputs, and Template. The right sidebar contains recommendations for Cost management, Microsoft Defender for Cloud, and Free Microsoft tutorials.

The screenshot shows the Microsoft Azure portal interface for the 'keyvaulttest098h' Key Vault. The top navigation bar is consistent with the previous screenshot. The main content area displays the 'Essentials' section of the Key Vault. Key details include: Resource group: RG, Location: Central India, Subscription: Azure for Students, Subscription ID: 08961442-0f0c-42c9-828a-eb31cd3c44ff, Vault URI: https://keyvaulttest098h.vault.azure.net/, Sku (Pricing tier): Standard, Directory ID: 325d9070-2465-40ee-be80-4120f284ad8b, Directory Name: Default Directory, Soft-delete: Enabled, and Purge protection: Disabled. The left sidebar shows the 'Overview' tab selected, with options for Activity log, Access control (IAM), Tags, Diagnose and solve problems, Access policies, Resource visualizer, Events, Objects, Settings, Monitoring, and Automation. The right sidebar contains a 'JSON View' button. The bottom of the page shows a navigation bar with 'Get started', 'Properties', 'Monitoring', 'Tools + SDKs', and 'Tutorials'.

Task 2: Add a secret to the Key Vault

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

All services > keyvaulttest098h | Secrets >

Create a secret

Upload options: Manual

Name *

Secret value *

Content type (optional):

Set activation date: ☐

Set expiration date: ☐

Enabled: ☒ Yes ☐ No

Tags: 0 tags

Create Cancel

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

All services > Key vaults > keyvaulttest098h

keyvaulttest098h | Secrets

Key vault

Search

+ Generate/Import Refresh Restore Backup Manage deleted secrets View sample code

The secret 'ExamplePassword' has been successfully created.

Name	Type	Status	Expiration date
ExamplePassword		✓ Enabled	

Overview Activity log Access control (IAM) Tags Diagnose and solve problems Access policies Resource visualizer Events Objects Keys Secrets Certificates

Add or remove favorites by pressing Ctrl+Shift+F

Give feedback

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Microsoft Azure

Search resources, services, and docs (G+/)

Copilot

bsse2280143@szabist.pk
DEFAULT DIRECTORY (BSSE2280143@SZABIST.PK)

All services > Key vaults > keyvaulttest098h | Secrets > ExamplePassword >

b04d59c116d44d8bb60fa73885dbc812

Secret Version

Created

11/14/2025, 11:10:36 PM

Updated

11/14/2025, 11:10:36 PM

Secret Identifier

<https://keyvaulttest098h.vault.azure.net/secrets/ExamplePa...>

Settings

Set activation date

☐

Set expiration date

☐

Enabled

Yes

No

Tags

0 tags

Secret

Content type (optional)

Hide Secret Value

Secret value

hVfkd96