

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 Key Vault Overview page for a resource named "keyvaulttest098h". The main panel displays a green checkmark indicating "Your deployment is complete" with deployment details: Deployment name: keyvaulttest098h, Subscription: Azure for Students, and Resource group: RG. It also shows the start time as 11/14/2025, 10:56:36 PM and Correlation ID: 38bad236-13f0-41ea-9436-1a5... Below this, there are sections for "Deployment details" and "Next steps", with a "Go to resource" button. To the right, there are promotional cards for "Cost management", "Microsoft Defender for Cloud", and "Free Microsoft tutorials". A sidebar on the left lists navigation options like Inputs, Outputs, and Template.

The screenshot shows the Microsoft Azure Key Vault Overview page for the same resource. This view includes a "JSON View" button at the top right. The main panel displays the "Essentials" section with detailed information: Resource group (RG), Location (Central India), Subscription (Azure for Students), Subscription ID (08961442-0fc-42c9-828a-eb31cd3c44ff), Vault URI (https://keyvaulttest098h.vault.azure.net/), Sku (Standard), Directory ID (325d9070-2465-40ee-be80-4120f284ad8b), Directory Name (Default Directory), Soft-delete (Enabled), and Purge protection (Disabled). The sidebar on the left remains the same as the previous screenshot.

Task 2: Add a secret to the Key Vault

Introduction to Cloud Computing

LAB 05

Microsoft Azure Search resources, services, and docs (G+/-) Copilot DEFAULT DIRECTORY (BSSE22801...)

All services > keyvaulttest098h | Secrets >

Create a secret

Upload options: Manual

Name: ExamplePassword

Secret value:

Content type (optional):

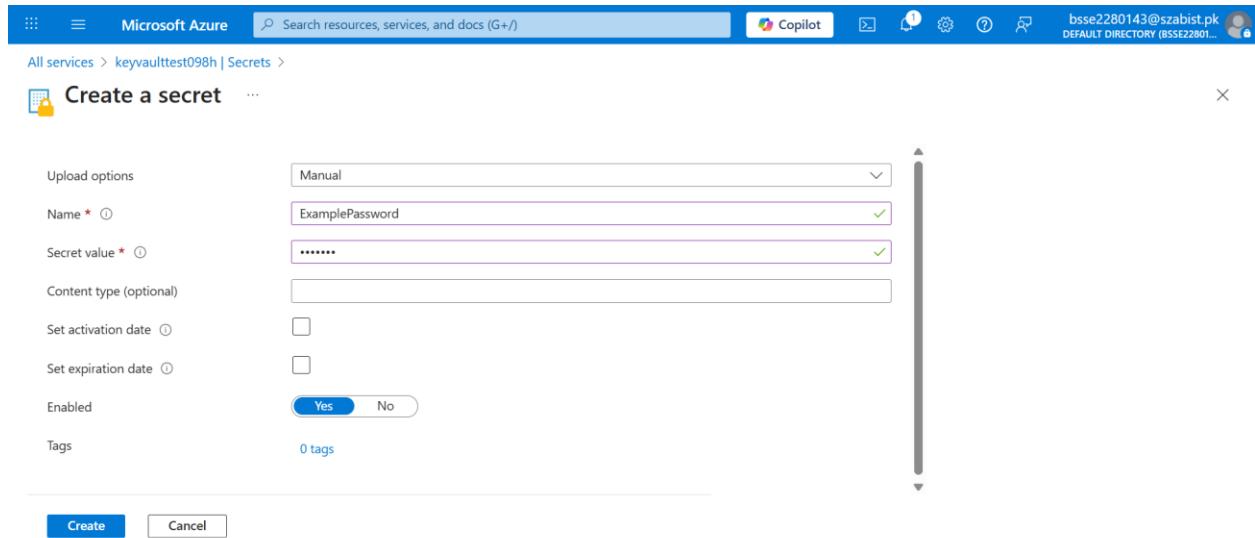
Set activation date:

Set expiration date:

Enabled: Yes

Tags: 0 tags

Create **Cancel**



Microsoft Azure Search resources, services, and docs (G+/-) Copilot DEFAULT DIRECTORY (BSSE22801...)

All services > Key vaults > keyvaulttest098h

keyvaulttest098h | Secrets

Key vault

Search: + Generate/Import ⏪ Refresh ⏩ Restore Backup ⚡ Manage deleted secrets ↗ View sample code

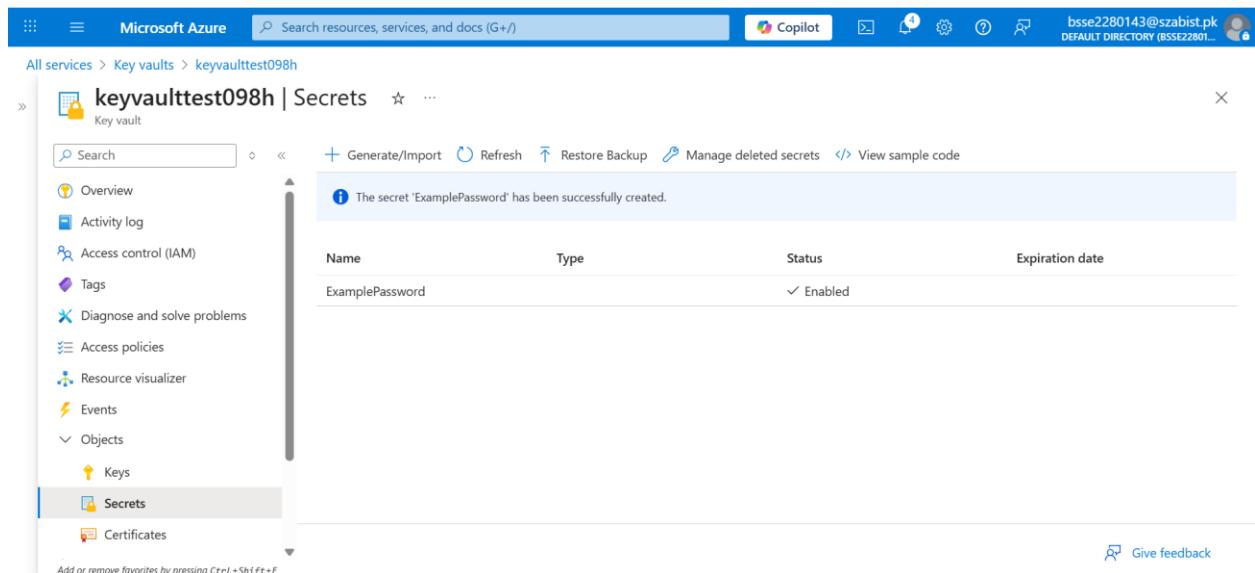
The secret 'ExamplePassword' has been successfully created.

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+L+Shift+F**

Give feedback



Introduction to Cloud Computing

LAB 05

The screenshot shows the Microsoft Azure Key Vault interface. The top navigation bar includes 'Microsoft Azure', a search bar, 'Copilot', and user information. The main title is 'b04d59c116d44d8bb60fa73885dbc812' with a 'Secret Version' link. Below the title, there are several configuration fields:

- 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:** Includes 'Set activation date' and 'Set expiration date' checkboxes.
- Enabled:** A toggle switch set to 'Yes'.
- Tags:** 0 tags.
- Secret:** Content type (optional) field.
- Secret value:** A large text input field containing 'hVfkdk96'.

A blue button labeled 'Hide Secret Value' is visible above the secret value field.