

# Introduction To Cloud Computing

## LAB 05

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BS-SE 7B

### Task 1: Create an Azure Key Vault:

The screenshot shows the Microsoft Azure portal dashboard. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user profile for 'bsse2280149@szabist.pk'. Below the navigation bar, there are two main sections: 'Azure services' and 'Resources'.

**Azure services**

- Create a resource
- App Services
- Storage accounts
- Virtual networks
- Virtual machines
- Quickstart Center
- Azure AI Foundry
- Kubernetes services

**Resources**

Recent Favorite

Name	Type	Last Viewed
myDockerWebApp112	App Service	2 minutes ago
ASP-RGWebapp-9b10	App Service plan	31 minutes ago
RG_Webapp	Resource group	32 minutes ago
NetworkWatcherRG	Resource group	2 hours ago

See all

The screenshot shows the 'Create a key vault' form in the Microsoft Azure portal. The form is titled 'Create a key vault' and includes a 'Project details' section. The form fields are as follows:

**Project details**

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \*

Resource group \*  [Create new](#)

**Instance details**

Key vault name \*  ✓

Region \*

Pricing tier \*

Navigation buttons: Previous, Next, Review + create

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Home > keyvaulttest443 Key vault

What is the overall service API latency for this Key Vault? How do I troubleshoot issues with this Key Vault? +1

Search x « Delete → Move Refresh Open in mobile

Overview

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

Essentials

Resource group (move) rg2

Location Central India

Subscription (move) Azure for Students

Subscription ID 504b0a3b-5612-41db-b87d-61c0d67009e3

Tags (edit) Add tags

Vault URI https://keyvaulttest443.vault.azure.net/

SKU (Pricing tier) Standard

Directory ID 448c85e6-8857-4190-a3ba-6e7245b20065

Directory Name Default Directory

Soft-delete Enabled

Purge protection Disabled

JSON View

Get started Properties Monitoring Tools + SDKs Tutorials

## Task 2: Add a secret to the Key Vault:

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All services > keyvaulttest443 | Secrets >

### Create a secret

Upload options Manual

Name \* ExamplePassword ✓

Secret value \* \*\*\*\*\* ✓

Content type (optional)

Set activation date ☐

Set expiration date ☐

Enabled Yes No

Tags 0 tags

Create Cancel

- Overview
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- Objects
- Keys
- Secrets

The secret 'ExamplePassword' has been successfully created.

Name	Type	Status	Expiration date
ExamplePassword		✓ Enabled	



96a3f3444ca442e89a5635bc5c6421b4

Secret Version



### Properties

Created 11/4/2025, 6:16:17 PM

Updated 11/4/2025, 6:16:17 PM

Secret Identifier <https://keyvault432.vault.azure.net/secrets/ExamplePassword/96a3f344...>

### Settings

Set activation date ☐

Set expiration date ☐

Enabled Yes No

Tags 0 tags

### Secret

Content type (optional)

Hide Secret Value

Secret value hvFkk96