

**Shaheed Zulfikar Ali Bhutto Institute of Science and Technology**

**Department of Software Engineering**

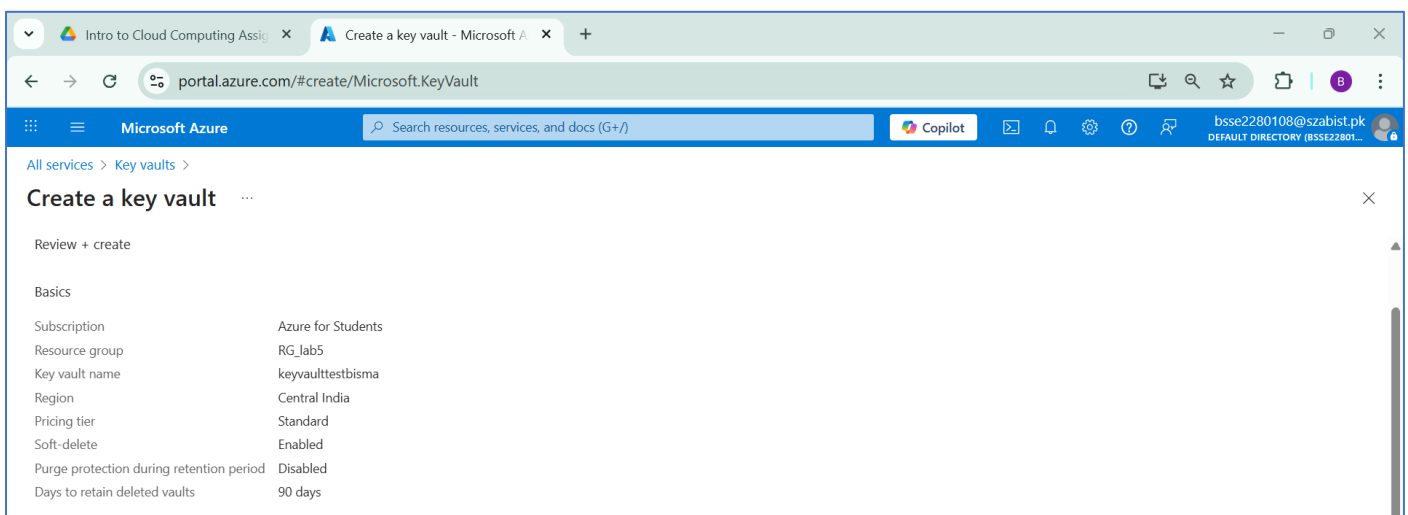
**Bisma Saeed – 2280108**

**BSSE – 7A**

**Lab: 05**

## Task 1: Create an Azure Key Vault

1. Sign in to the Azure portal.
2. From the All services blade, search for and select Key vaults, then select **\*\*+Add +New +Create \*\***.
3. Configure the key vault
4. Note replace xxxx to find a unique name.
5. Click Review + create, and then click Create.



6. Once the new key vault is provisioned, click Go to resource. Or you can locate your new key vault by search.
7. Click on the key vault Overview tab and take note of the Vault URI. Applications that use your vault through the REST APIs will need this URI.

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

In this task, we will add a password to the key vault.

Assigned the role first:

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

All services > Key vaults > keyvaulttestbisma | Access control (IAM) >

### Add role assignment

Role **Members** Conditions Review + assign

**Selected role**  
Key Vault Administrator

**Assign access to**

☒ User, group, or service principal  
☐ Managed identity

**Members**  
[+ Select members](#)

Name	Object ID	Type
Bisma Saeed(Guest)	1e9711e2-7a58-4556-9a4f-90...	User



#### Added Role assignment

Bisma Saeed(Guest) was added as Key Vault Administrator for keyvaulttestbisma.

1. Under Settings click Secrets, then click + Generate/Import.
2. Configure the secret. Leave the other values at their defaults. Notice you can set an activation and expiration date.
3. Click Create.
4. Once the secret has been successfully created, click on the ExamplePassword, and note it has a status of Enabled

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bsse2280108@szabist.pk  
DEFAULT DIRECTORY (BSSE22801...)

## Secrets

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

**i** The secret 'ExamplePassword' has been successfully created.

Name	Type	Status	Expiration date
ExamplePassword		✓ Enabled	

5. Select the secret you just created, note the Secret Identifier. This is the url value that you can now use with applications. It provides a centrally managed and securely stored password.

6. Click the button Show Secret Value, to display the password you specified earlier.

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user profile 'bsse2280108@szabist.pk'. The breadcrumb trail indicates the path: 'All services > Key vaults > keyvaulttestbisma | Secrets > ExamplePassword >'. The main content area displays the details for the secret '93c8de40833d4be99d335cfe6876cffb'. The 'Created' and 'Updated' timestamps are both '10/24/2025, 12:09:37 PM'. The 'Secret Identifier' is 'https://keyvaulttestbisma.vault.azure.net/secrets/ExampleP...'. Under the 'Settings' section, 'Set activation date' and 'Set expiration date' are both unchecked. The 'Enabled' toggle is set to 'Yes'. The 'Tags' section shows '0 tags'. The 'Secret' section has a 'Content type (optional)' field. A 'Hide Secret Value' button is present. The 'Secret value' field displays 'hVFkk96' with a copy icon.

Created	10/24/2025, 12:09:37 PM
Updated	10/24/2025, 12:09:37 PM
Secret Identifier	https://keyvaulttestbisma.vault.azure.net/secrets/ExampleP...
Settings	
Set activation date	<input type="checkbox"/>
Set expiration date	<input type="checkbox"/>
Enabled	<input checked="" type="radio"/> Yes <input type="radio"/> No
Tags	0 tags
Secret	
Content type (optional)	
Hide Secret Value	
Secret value	hVFkk96

**Congratulations! You have created an Azure Key vault and then created a password secret in that key vault, providing a securely stored, centrally managed password for use with applications.**