

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 homepage. At the top, there's a search bar and a Copilot button. On the right, the user's email (bsse2280149@szabist.pk) and a sign-out link are visible. Below the header, there's a section for 'Azure services' with icons for creating a resource, App Services, Storage accounts, Virtual networks, Virtual machines, Quickstart Center, Azure AI Foundry, and Kubernetes services. To the right of this is a 'Microsoft' logo and a user profile for 'bsse2280149@szabist.pk'. A 'Sign in with a different account' link is also present. Below the services section, there's a 'Resources' section with tabs for 'Recent' and 'Favorite'. It lists four recent resources: 'myDockerWebApp112' (App Service), 'ASP-RGWebapp-9b10' (App Service plan), 'RG_Webapp' (Resource group), and 'NetworkWatcherRG' (Resource group). Each item has a small icon, its name, type, and last viewed time.

The screenshot shows the 'Create a key vault' wizard. The first step, 'Project details', is displayed. It asks the user to select a subscription and a resource group. The 'Subscription' dropdown is set to 'Azure for Students'. The 'Resource group' dropdown shows 'rg2' with a 'Create new' option. Below this, there's an 'Instance details' section with fields for 'Key vault name' (set to 'keyvaulttest443'), 'Region' (set to 'Central India'), and 'Pricing tier' (set to 'Standard'). At the bottom of the page, there are 'Previous' and 'Next' buttons, and a prominent blue 'Review + create' button.

The screenshot shows the Microsoft Azure Key Vault Overview page for the resource group 'rg2'. The left sidebar lists navigation options: Activity log, Access control (IAM), Tags, Diagnose and solve problems, Access policies, Resource visualizer, Events, Objects, Keys, and Secrets. The main content area displays the following details:

Setting	Value
Resource group (move)	rg2
Location	Central India
Subscription (move)	Azure for Students
Subscription ID	504b0a3b-5612-41db-b87d-61c0d67009e3
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

At the bottom of the page, there are tabs for Get started, Properties, Monitoring, Tools + SDKs, and Tutorials.

Task 2: Add a secret to the Key Vault:

The screenshot shows the 'Create a secret' dialog for the 'keyvaulttest433' Key Vault. The form fields are as follows:

Field	Value
Upload options	Manual
Name *	ExamplePassword
Secret value *	*****
Content type (optional)	(empty)
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

At the bottom of the dialog are 'Create' and 'Cancel' buttons.

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...> Copy

Settings

Set activation date □

Set expiration date □

Enabled: Yes No

Tags: 0 tags

Secret

Content type (optional):

Hide Secret Value

Secret value: Copy