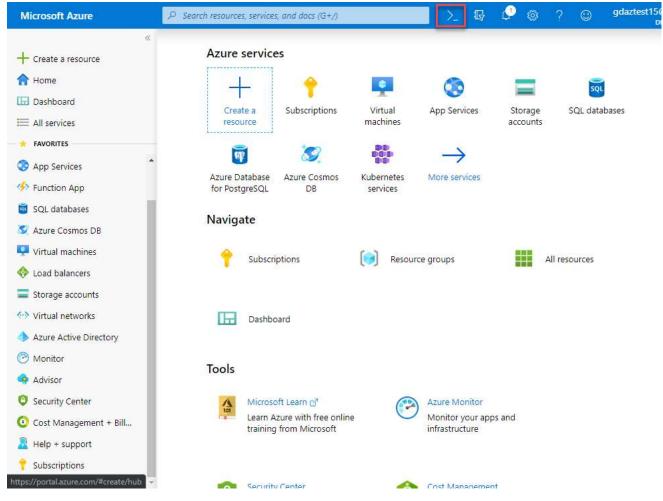
## Module 4 - Lab 4 - Encrypting Azure VM Disks

Overview

In this lab, you will learn how to use encryption to protect the disks of virtual machines deployed in Azure using the Azure CLI (Bash).

## Task 1: Login to the Azure Portal and open Cloud Shell

- 1. Login to the Azure Portal 👔 https://portal.azure.com with the username 👔 sheikhnasirYOT4A@gdcs1.com and password 🛐 3nJrjyfREZxFijg6
- 2. Select **Cloud Shell** from the Azure Portal tool bar.



- 3. Select **Bash** on the Welcome screen.
- 4. In the You have no storage mounted pane, click Show advanced settings, perform the following tasks:
  - Leave the **Subscription** drop-down list entry set to its default value.
  - In the **Cloud Shell region:** East US.
  - In the **Resource group** section, select the Resource Group that has been created for you.
  - In the **Storage account** section, ensure that the **Create new** option is selected and then, in the text box below, type a unique name consisting of a combination of between 3 and 24 characters and digits.
  - In the File share section, ensure that the Create new option is selected and then, in the text box below, type cloudshell.
  - Click the Create storage button.
- 5. Wait for the **Cloud Shell** to finish its first-time setup procedures before you proceed to the next task.

## Task 2: Create a Key Vault configured for encryption keys

• Azure disk encryption stores its encryption key in an Azure Key Vault. Create a Key Vault with az keyvault create. To enable the Key Vault to store encryption keys, use the --enabled-for-disk-encryption parameter.

