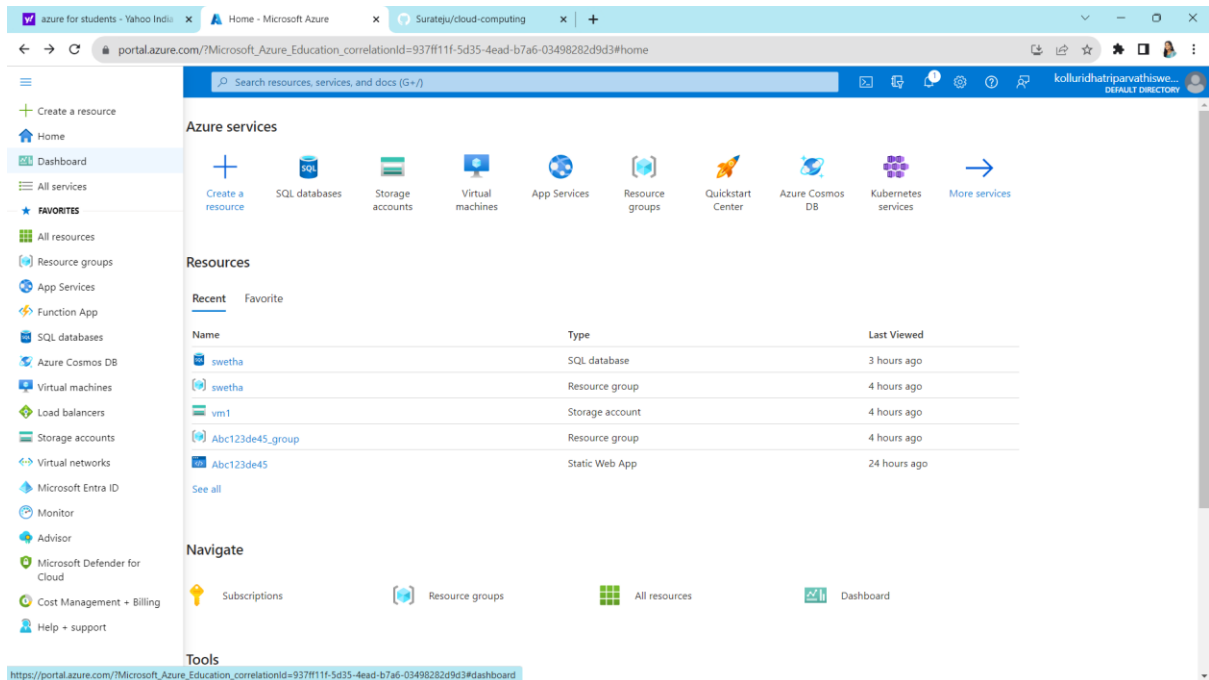


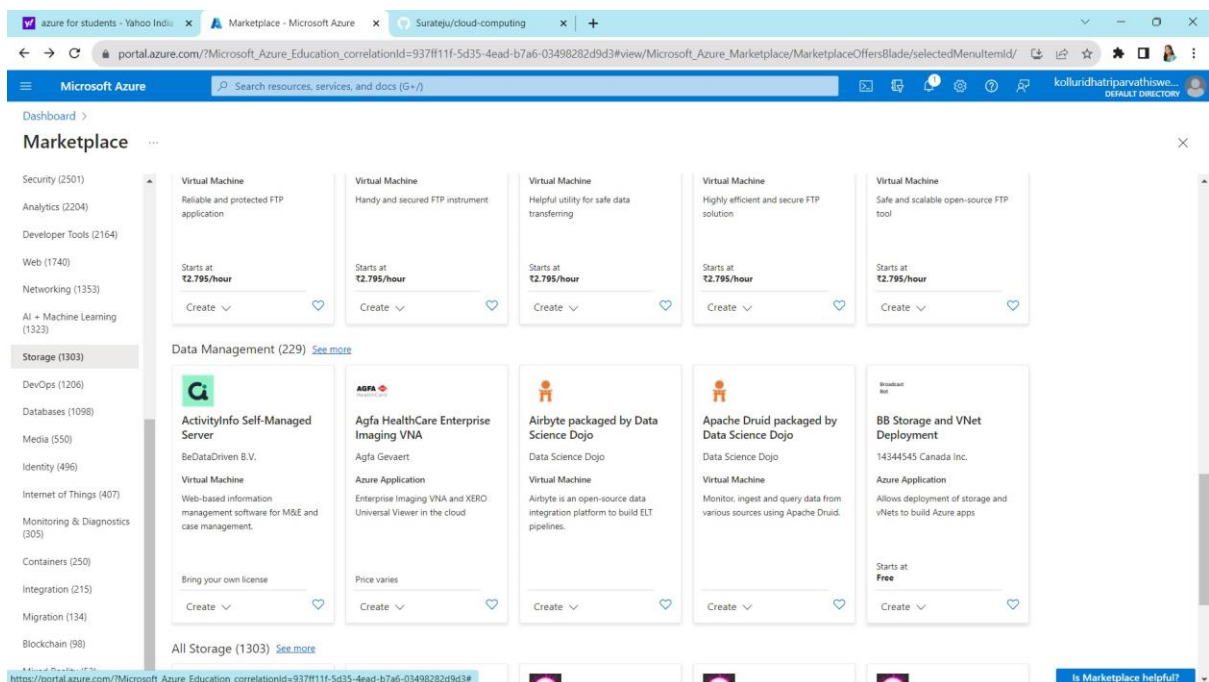
## EXPERIMENT 17

Create a Storage service using any Public Cloud Service Provider (Azure/GCP/AWS) and check the public accessibility of the stored file to demonstrate Storage as a Service

Click on three lines which is on left side top and select dashboard



From categories select storage select any one application



## Click on create

The screenshot shows the Microsoft Azure Marketplace page for the 'BB Storage and VNet Deployment' application. The page is titled 'BB Storage and VNet Deployment' and is associated with '14344545 Canada Inc.'. Below the title, there is a 'Plan' dropdown menu set to 'Web App Deployment' and a 'Create' button. The page also includes tabs for 'Overview', 'Plans + Pricing', 'Usage Information + Support', and 'Ratings + Reviews'. The 'Overview' tab is selected, showing a description of the application and a list of features. The features are categorized into '1. Azure Storage Services' and '1. Azure Virtual Networks'. The 'Azure Storage Services' section lists five services: Azure Blob Storage, Azure Table Storage, Azure Queue Storage, Azure File Storage, and Azure Disk Storage. The 'Azure Virtual Networks' section lists one service: Azure Virtual Networks (VNet). The URL in the address bar is 'https://portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=937ff11f-5d35-4ead-b7a6-03498282d9d3#view/Microsoft\_Azure\_Marketplace/GalleryItemDetailsBladeNopdl/id/14344545ca...'.

Dashboard > Marketplace > BB Storage and VNet Deployment

14344545 Canada Inc.

BB Storage and VNet Deployment Add to Favorites

14344545 Canada Inc. | Azure Application

Plan

Web App Deployment Create

Overview Plans + Pricing Usage Information + Support Ratings + Reviews

Offered under Microsoft Standard Contract.

Microsoft Azure offers a robust and flexible cloud platform that enables developers to build, deploy, and manage applications at scale. One of the key features of Azure is its support for storage and virtual networks, which are essential components when building modern applications. This solution will provide an overview of how Azure enables the deployment of storage and virtual networks, and how these resources can be utilized to build and deploy Azure applications effectively.

1. Azure Storage Services: Azure provides a suite of storage services that cater to different application requirements. These services include:

- a. Azure Blob Storage: Designed for unstructured data, such as images, documents, and videos. It provides cost-effective, durable, and highly available storage.
- b. Azure Table Storage: A NoSQL service for storing structured, non-relational data. Ideal for applications that require fast access to large volumes of data without complex relationships.
- c. Azure Queue Storage: A messaging service for storing and processing messages between application components, enabling asynchronous communication.
- d. Azure File Storage: A fully managed file share service that supports the SMB protocol, allowing integration with existing file systems and applications.
- e. Azure Disk Storage: Provides durable, high-performance block storage for virtual machines, suitable for workloads that require low-latency access to data.

1. Azure Virtual Networks: Azure Virtual Networks (VNet) allow developers to create and manage isolated, secure, and scalable network environments for their

[https://portal.azure.com/?Microsoft\\_Azure\\_Education\\_correlationId=937ff11f-5d35-4ead-b7a6-03498282d9d3#](https://portal.azure.com/?Microsoft_Azure_Education_correlationId=937ff11f-5d35-4ead-b7a6-03498282d9d3#)

## Fill the required details and click on review and create

The screenshot shows the 'Create BB Storage and VNet Deployment' page in the Microsoft Azure portal. The page is titled 'Create BB Storage and VNet Deployment' and has tabs for 'Basics' and 'Review + create'. The 'Basics' tab is selected, showing the 'Project details' section. The 'Project details' section includes a 'Subscription' dropdown set to 'Azure for Students' and a 'Resource group' dropdown set to 'Abc123de45\_group'. Below these, there is a 'Create new' link. The 'Instance details' section includes a 'Region' dropdown set to 'Central US' and a 'Name' dropdown set to 'swetha2004'. The 'Managed Application Details' section includes an 'Application Name' dropdown set to 'storage' and a 'Managed Resource Group' dropdown set to 'mrg-azuremanagedapp1-20231019125422'. At the bottom of the page, there are three buttons: 'Previous', 'Next', and 'Review + create'.

Dashboard > Marketplace > BB Storage and VNet Deployment > Create BB Storage and VNet Deployment

Basics Review + create

Project details

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

Subscription \* Azure for Students

Resource group \* Abc123de45\_group

Create new

Instance details

Region \* Central US

Name \* swetha2004

Managed Application Details

Provide a name for your managed application, and its managed resource group. Your application's managed resource group holds all the resources that are required by the managed application which the consumer has limited access to.

Application Name \* storage

Managed Resource Group \* mrg-azuremanagedapp1-20231019125422

Previous Next Review + create

NAME:-SWETHA KOLLURI

2

Reg no:-192210372

Click on create

azure for students - Yahoo India x Create BB Storage and VNet De x Surateju/cloud-computing x +

portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=937ff11f-5d35-4ead-b7a6-03498282d9d3#create/14344545canadainc1672360479498.azuremanagedapp1plan01

Microsoft Azure Search resources, services, and docs (G+)

Dashboard > Marketplace > BB Storage and VNet Deployment >

### Create BB Storage and VNet Deployment

Name: SWETHA KOLLURI

Preferred e-mail address: kolluridhatiparvathiswetha0372.sse@saveetha.com

Preferred phone number: 08019834345

**Co-Admin Access Permission**

By checking the box and clicking "Create" I give permission for the template provider referenced above (the "Provider") to have Administrative-level access to one or more Azure resources in order to provide support and management services for the template. In the event of an issue arising from a Provider's services or failure to provide services, your sole recourse is with the Provider. Unless Microsoft is the Provider, Microsoft (i) does not approve, monitor or manage the Provider's access, and (ii) bears no responsibility whatsoever for acts or omissions of a Provider.

☒ I agree to the terms and conditions above. \*

**Basics**

Subscription	Azure for Students
Resource group	Abc123de45_group
Region	Central US
Name	swetha2004
Application Name	storage
Managed Resource Group Name	mrg-azuremanagedapp1-20231019125422

Previous Next Create

Your deployment is completed

azure for students - Yahoo India x 14344545canadainc1672360479498.azuremanagedapp1-20231019125642 x +

portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=937ff11f-5d35-4ead-b7a6-03498282d9d3#view/HubsExtension/DeploymentDetailsBlade/~/\_overview/id/%2Fsubscriptions%2F14344545canadainc1672360479498.azuremanagedapp1-20231019125642

Microsoft Azure Search resources, services, and docs (G+)

Dashboard >

### 14344545canadainc1672360479498.azuremanagedapp1-20231019125642 | Overview

Deployment

Search << Delete Cancel Redeploy Download Refresh

**Overview**

- Inputs
- Outputs
- Template

**Your deployment is complete**

Deployment name : 14344545canadainc1672360479498.azuremanagedapp1-20231019125642 Start time : 10/19/2023, 12:57:28 PM

Subscription : Azure for Students Correlation ID : 10f9c86b-d348-4e77-af99-ac7a7d4644aa

Resource group : swetha

**Deployment details**

**Next steps**

[Go to resource](#)

**Give feedback**

[Tell us about your experience with deployment](#)

**Cost management**

Get notified to stay within your budget and prevent unexpected charges on your bill.

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NAME:-SWETHA KOLLURI

Reg no:-192210372

## Finally Created a Storage service using any Public Cloud Service Provider

The screenshot displays the Microsoft Azure portal interface. At the top, the browser address bar shows the URL: [portal.azure.com/?Microsoft\\_Azure\\_Education\\_correlationId=937ff1f-5d35-4ead-b7a6-03498282d9d3#@kolluridhatiparvathiswetha.onmicrosoft.com/resource/subscriptions/5d0b2d9d...](https://portal.azure.com/?Microsoft_Azure_Education_correlationId=937ff1f-5d35-4ead-b7a6-03498282d9d3#@kolluridhatiparvathiswetha.onmicrosoft.com/resource/subscriptions/5d0b2d9d...). The page title is "STORAGE - Microsoft Azure". The main content area shows the "STORAGE" managed application overview. On the left, there is a navigation pane with options: Overview (selected), Activity log, Access control (IAM), Tags, Settings, Parameters and Outputs, Authorizations, Identity, Properties, Locks, Monitoring, Alerts, Automation, Tasks (preview), Export template, and Help. The "Overview" section is expanded, showing a "Delete" button and a "JSON View" link. The "Essentials" section displays the following information:

Resource group	Location	Subscription	Subscription ID
swetha	South India	Azure for Students	5d0b2d9d-e218-4eba-a8bc-08aba99c9622

Below the "Essentials" section, there is a "Broadcast Bot" section with the text: "Managed Applications for ML. This managed application is to help with ML use cases."