

Lab 6

CST8912_011

Romeo De Guzman

degu0055

Feb 20, 2025

Submitted to :

Prof. Tanishq Bansal

Lab Report Format

Title

Configuring Azure Private Network & Storage

Introduction or Purpose

This lab activity is a step-by-step guide to configure a secure Azure cloud environment via Private Link and Private Endpoints. By following this tutorial, you will create a virtual network, deploy a Bastion Host, set up a storage account, turn off public access, and establish private connectivity to Azure services. You will also create a test virtual machine, establish storage access, and test connectivity using Azure Storage Explorer.

Steps covered in the lab

Create a Virtual Network and Bastion Host

- **Go to** Virtual Networks in the portal.
- **Click** + Create.
- On the **Basics** tab, fill in:
 - **Subscription:** Azure for students
 - **Resource Group:** CST8912demo
 - **Name:** 8912-vnet1
 - **Region:** Canada Central
- **Click** Next to go to the Security tab.
- Under **Azure Bastion**, select **Enable Bastion**.
- For **Azure Bastion**, set:
 - **Host name:** Bastion8912
 - **Public IP:** Create a new one, name it **public-ip**, and click **OK**.
- **Click** Next to go to the IP Addresses tab.
- In **Subnets**, select the default subnet.
- In **Edit subnet**, set:
 - **Name:** Subnet-1-8912
 - **IPv4 address range:** 10.0.0.0/16
 - **Subnet size:** /24 (256 addresses)
- **Click** Save.
- Once validation passes, **click** Create.

Create a Storage Account

- **Search for Storage account** in the portal and select **Storage accounts**.
 - **Click + Create**.
 - On the **Basics** tab, fill in:
 - **Subscription**: Azure for students
 - **Resource Group**: CST8912demo
 - **Storage Account Name**: Storage1-8912
 - **Location**: Canada Central
 - **Performance**: Standard
 - **Redundancy**: Local Redundant Storage (LRS)
 - **Click Review**.
 - **Click Create**.
-

Disable Public Access to Storage Account

- **Search for Storage account** in the portal and select **Storage accounts**.
 - **Select storage1** or your existing storage account.
 - Go to **Security + networking** and select **Networking**.
 - In the **Firewalls and virtual networks** tab, set **Public network access** to **Disabled**.
 - **Click Save**.
-

Create a Private Endpoint

1. **Search for Private endpoint** in the portal and select **Private endpoints**.
2. **Click + Create**.
3. On the **Basics** tab, fill in:
 - **Subscription**: Azure for students
 - **Resource Group**: CST8912demo
 - **Name**: Privateendpoint-8912
 - **Network Interface Name**: Leave as **private-endpoint-nic**
 - **Region**: Canada Central
4. **Click Next: Resource**.
5. In the **Resource** pane, fill in:
 - **Connection method**: Leave as **Connect to an Azure resource in my directory**
 - **Subscription**: Select your subscription
 - **Resource type**: Microsoft.Storage/storageAccounts
 - **Resource**: Select **Storage1-8912** (or your storage account)
 - **Target subresource**: Select **blob**
6. **Click Next: Virtual Network**.
7. In **Virtual Network**, fill in:
 - **Virtual network**: Select **8912-vnet (CST8912demo)**
 - **Subnet**: Select **Subnet-1-8912**

- **Network policy for private endpoints:** Click **edit**, then select the checkbox for **Network security groups** and **Route Tables**
 - **Click Save**
 - **Private IP configuration:** Select **Dynamically allocate IP address**
8. **Click** Next: DNS and leave the defaults.
 9. **Click** Next: Tags, then **Next:** Review + Create.
 10. **Click** Create.
-

Create a Test Virtual Machine

- **Search** for and select **Virtual machines** in the portal.
 - **Click** + Create, then select **Azure virtual machine**.
 - On the **Basics** tab, fill in:
 - **Subscription:** Azure for students
 - **Resource Group:** CST8912demo
 - **Virtual Machine name:** 8912-VM1
 - **Region:** Canada Central
 - **Availability options:** No infrastructure redundancy required
 - **Security type:** Standard
 - **Image:** Windows Server 2022 Datacenter - x64 Gen2
 - **VM architecture:** Leave as **x64**
 - **Size:** Select **B1**
 - **Authentication:** Choose **username and password**
 - **Public inbound ports:** Select **None**
 - **Click** the **Networking** tab.
 - In the **Networking** tab, fill in:
 - **Virtual Network:** Select **8912-vnet (CST8912demo)**
 - **Subnet:** Select **Subnet-1-8912**
 - **Public IP:** Select **None**
 - **NIC network security group:** Select **Advanced**
 - **Configure network security group:** Select **Create new** and name it **nsg-1**
 - **Click OK**
 - Leave the rest of the settings as default and **click** Review + Create.
 - **Review** the settings and **click** Create.
-

Storage Access Key

- **Search** for **Storage account** in the portal and select **Storage accounts**.
 - **Select** your storage account (either the one you created or an existing one).
 - Under **Security + networking**, select **Access keys**.
 - **Click** Show, then **copy** the **Connection string** for **key1**.
-

Add a Blob Container

- **Search for Storage account** in the portal and select **Storage accounts**.
 - **Select** your storage account.
 - Under **Data storage**, select **Containers**.
 - **Click** + Container to create a new one.
 - Name the container and select **Private (no anonymous access)** for the access level.
 - **Click Create**.
-

Test Connectivity to Private Endpoint

1. **Search for Virtual machine** in the portal and select **Virtual machines**.
2. **Select 8912-VM1**.
3. In **Operations**, select **Bastion**.
4. Enter the **username** and **password** used during VM creation.
5. **Click Connect**.
6. Open **Windows PowerShell** on the server after connecting.
7. Run the command:
`nslookup <storage-account-name>.blob.core.windows.net`
Replace **<storage-account-name>** with the name of your storage account. **Note** the returned private IP address.
8. Install **Microsoft Azure Storage Explorer** on the VM.
9. After installation, **click Finish** and leave the box checked to open the app.
10. In **Microsoft Azure Storage Explorer**, click the **Power plug symbol** to open the **Select Resource** dialog.
11. Select **Storage account or service** to add a connection to your storage account.
12. Choose **Connection string**, then click **Next**.
13. **Paste** the connection string in the provided box.
14. **Click Next**.
15. **Verify** the settings in **Summary**.
16. **Click Connect**.
17. Select your storage account from **Storage Accounts** in the explorer menu.
18. Expand the storage account and click **Blob Containers**.
19. Your created container will be displayed.
20. **Close** the connection to **8912-VM1**.
21. **Clean up** all resources and document the steps with screenshots for your lab report.

Results

Create a Virtual Network and Bastion Host

Microsoft Azure

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

Copilot

deg0055@algonquin...

ALGONQUIN COLLEGE (ALGONQ...

Home > Marketplace >

Create virtual network ...

Basics Security IP addresses Tags Review + create

Azure Bastion

Azure Bastion is a paid service that provides secure RDP/SSH connectivity to your virtual machines over TLS. When you connect via Azure Bastion, your virtual machines do not need a public IP address. [Learn more](#)

Enable Azure Bastion

Azure Bastion host name

Azure Bastion public IP address * [Create a public IP address](#)

Azure Firewall

Azure Firewall is a managed cloud-based network security service that protects your Azure Virtual Network resources. [Learn more](#)

Enable Azure Firewall

Azure DDoS Network Protection

Azure DDoS Network Protection is a paid service that offers enhanced DDoS mitigation capabilities via adaptive tuning, attack notification, and telemetry to protect against the impacts of a DDoS attack for all protected resources within this virtual network. [Learn more](#)

Previous Next Review + create Give feedback

Microsoft Azure

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

Copilot

deg0055@algonquin...

ALGONQUIN COLLEGE (ALGONQ...

Home > Marketplace >

Create virtual network ...

Basics Security IP addresses Tags Review + create

Configure your virtual network address space with the IPv4 and IPv6 addresses and subnets you need. [Learn more](#)

Define the address space of your virtual network with one or more IPv4 or IPv6 address ranges. Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet. [Learn more](#)

+ Add a subnet

Subnets	IP address range	Size	NAT gateway
default	10.0.0.0 - 10.0.255.255	/16	-
AzureBastionSubnet	10.0.1.0 - 10.0.1.63	/26	-

Add IPv4 address space

Edit subnet

Select an address space and configure your subnet. You can customize a default subnet or select from subnet templates if you plan to add select services later. [Learn more](#)

Subnet purpose Default

Name *

IPv4

Include an IPv4 address space

IPv4 address range 10.0.0.0 - 10.0.255.255

Starting address *

Size /24 (256 addresses)

Subnet address range

IPv6

Include an IPv6 address space This virtual network has no IPv6 address ranges.

Private subnet

Private subnets enhance security by not providing default outbound access. To enable outbound connectivity for virtual machines to access the internet, it is necessary to explicitly grant outbound access. A NAT gateway is the recommended way to provide outbound connectivity for virtual machines in the subnet. [Learn more](#)

Enable private subnet (no default outbound access)

Security

Simultaneously access the internet for virtual machines by using a network address translation gateway. Filter subnet traffic using a network security rule.

Save Cancel Give feedback

Microsoft Azure

8912-vnet1 Virtual network

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Monitoring

Automation

Help

Search

Move Delete Refresh Give feedback

JSON View

Resource group (move) : CST8912demo

Location (move) : Canada Central

Subscription (move) : Azure for Students

Subscription ID : cdb9bdf3-e7ee-43e9-8f6c-ba7327868df1

Address space : 10.0.0.0/16

DNS servers : Azure provided DNS service

Flow timeout : Configure

BGP community string : Configure

Virtual network ID : 2e536403-13b6-4cd9-b216-d09cb6512232

Tags (edit) : Add tags

Topology Properties Capabilities (5) Recommendations Tutorials

DDoS protection Configure additional protection from distributed denial of service attacks. Not configured

Azure Firewall Protect your network with a stateful L3-L7 firewall. Not configured

Peerings Seamlessly connect two or more virtual networks. Not configured

Microsoft Defender for Cloud Strengthen the security posture of your environment. Not configured

Private endpoints Privately access Azure services without sending traffic across internet. Not configured

Create a Storage Account

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

degu0055@algonquinli... ALGONQUIN COLLEGE (ALGON...)

Home > Storage accounts >

Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review + create

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription * Azure for Students

Resource group * CST8912demo

Create new

Instance details

Storage account name * brandnewlab6storage1

Region * (Canada) Canada Central Deploy to an Azure Extended Zone

Primary service * Select a primary service

Performance * Standard: Recommended for most scenarios (general-purpose v2 account)

Premium: Recommended for scenarios that require low latency.

Redundancy * Locally-redundant storage (LRS)

Previous Next Review + create Give feedback

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

degu0055@algonquinli... ALGONQUIN COLLEGE (ALGON...)

Home > brandnewlab6storage1_1740026709845 | Overview >

brandnewlab6storage1

Storage account

Upload Open in Explorer Delete Move Refresh Open in mobile CLI / PS Feedback

Overview

Activity log : CST8912demo

Tags : canadacentral

Diagnose and solve problems : Azure for Students

Access Control (IAM) : cdb9bdf3-e7ee-43e9-8f6c-ba7327868df1

Data migration : Available

Events : Add tags

Properties Monitoring Capabilities (7) Recommendations (0) Tutorials Tools + SDKs

Essentials

Performance	Standard	
Replication	Locally-redundant storage (LRS)	
Account kind	StorageV2 (general purpose v2)	
Provisioning state	Succeeded	
Created	2/19/2025, 11:45:36 PM	

JSON View

Blob service

Hierarchical namespace	Disabled	
Default access tier	Hot	
Blob anonymous access	Disabled	
Blob soft delete	Enabled (7 days)	
Container soft delete	Enabled (7 days)	
Versioning	Disabled	
Change feed	Disabled	
NFS v3	Disabled	
Allow cross-tenant replication	Disabled	
Storage tasks assignments	None	

Security

Require secure transfer for REST API operations	Enabled	
Storage account key access	Enabled	
Minimum TLS version	Version 1.2	
Infrastructure encryption	Disabled	

Networking

Allow access from	All networks	
Private endpoint connections	0	
Network routing	Microsoft network routing	
Access for trusted Microsoft services	Yes	
Endpoint type	Standard	

Disable Public Access to Storage Account

Microsoft Azure

Storage accounts

Algonquin College (AlgonquinUcom.onmicrosoft.com)

+ Create ⚡ Restore 🌐 Manage view ⌛ Refresh ⌂ Export to CSV 🌐 Open query | 🌐 Assign tags 🗑 Delete

Filter for any field... Subscription equals all Resource group equals all Location equals all Add filter

No grouping List view

Showing 1 to 1 of 1 records.

Name	Type	Kind	Resource group	Location	Subscription
brandnewlab6storage1	Storage account	StorageV2	CST8912demo	Canada Central	Azure for Students

< Previous Page 1 of 1 Next >

Give feedback

Microsoft Azure

Storage accounts > brandnewlab6storage1

brandnewlab6storage1 | Networking

Storage account

Firewalls and virtual networks Private endpoint connections Custom domain

Save Discard Refresh Give feedback

Public network access

- Enabled from all networks
- Enabled from selected virtual networks and IP addresses
- Disabled** (selected)

Configure network security for your storage accounts. Learn more

Network Routing

Determine how you would like to route your traffic as it travels from its source to an Azure endpoint. Microsoft routing is recommended for most customers.

Routing preference

- Microsoft network routing (selected)
- Internet routing

Publish route-specific endpoints

- Microsoft network routing
- Internet routing

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Partner solutions

Data storage

Security + networking

Networking

- Front Door and CDN
- Access keys
- Shared access signature
- Encryption
- Microsoft Defender for Cloud

Data management

Settings

Monitoring

Monitoring (classic)

Create a Private Endpoint

Microsoft Azure Search resources, services, and docs (G+) Copilot deguy055@algonquin... ALGONQUIN COLLEGE (ALGON... X

Home > Private Link Center | Private endpoints > Create a private endpoint ...

Basics Resource Virtual Network DNS Tags Review + create

Use private endpoints to privately connect to a service or resource. Your private endpoint must be in the same region as your virtual network, but can be in a different region from the private link resource that you are connecting to. [Learn more](#)

Project details

Subscription * Azure for Students ...
Resource group * CST8912demo ... [Create new](#)

Instance details

Name * Privateendpoint-8912 ✓
Network Interface Name * Privateendpoint-8912-nic ✓
Region * Canada Central ...

[< Previous](#) [Next : Resource >](#)

Microsoft Azure Search resources, services, and docs (G+) Copilot deguy055@algonquin... ALGONQUIN COLLEGE (ALGON... X

Home > Private Link Center | Private endpoints > Create a private endpoint ...

✓ Basics ✓ Resource Virtual Network DNS Tags Review + create

Networking

To deploy the private endpoint, select a virtual network subnet. [Learn more](#)

Virtual network 8912-vnet1 (CST8912demo) ...
Subnet * Subnet-1-8912 ...
Network policy for private endpoints Disabled (edit) ...

Private IP configuration

Dynamically allocate IP address
 Statically allocate IP address

Application security group

Configure network security as a natural extension of an application's structure. ASG allows you to group virtual machines and define network security policies based on those groups. You can specify an application security group as the source or destination in an NSG security rule. [Learn more](#)

+ Create
Application security group ...

[< Previous](#) [Next : DNS >](#)

Microsoft Azure

Home > Private Link Center | Private endpoints > Create a private endpoint ...

Basics Resource **Virtual Network** DNS Tags Review + create

Networking
To deploy the private endpoint, select a virtual network subnet. [Learn more](#)
Virtual network: 8912-vnet1 (CST8912demo)
Subnet: Subnet-1-8912
Network policy for private endpoints: Disabled (edit)

Private IP configuration
 Dynamically allocate IP address
 Statically allocate IP address

Application security group
Configure network security as a natural extension of an application's structure. ASG allows you to group virtual machines and define network security policies based on those groups. You can specify an application security group as the source or destination in an NSG security rule. [Learn more](#)
+ Create

Application security group:

< Previous Next : DNS >

Save Discard

Edit subnet network policy

To apply network security groups (NSGs) and user defined routes (UDRs) to a private endpoint, network policies must be enabled on the subnet. All private endpoints within the subnet are affected. [Learn more](#)

Virtual network: 8912-vnet1 (CST8912demo)
Subnet: Subnet-1-8912 (10.0.0.0/24)

Network policies setting for all private endpoints in this subnet:

Enabled

Network security groups
 Route tables

Existing private endpoints

Name: Private IP: Resource: Sub-resource:

Microsoft Azure

Home > Private Link Center | Private endpoints > Create a private endpoint ...

Basics Resource **Virtual Network** DNS Tags Review + create

Networking
To deploy the private endpoint, select a virtual network subnet. [Learn more](#)
Virtual network: 8912-vnet1 (CST8912demo)
Subnet: Subnet-1-8912
Network policy for private endpoints: Enabled (edit)

Private IP configuration
 Dynamically allocate IP address
 Statically allocate IP address

Application security group
Configure network security as a natural extension of an application's structure. ASG allows you to group virtual machines and define network security policies based on those groups. You can specify an application security group as the source or destination in an NSG security rule. [Learn more](#)
+ Create

Application security group:

< Previous Next : DNS >

Microsoft Azure Search resources, services, and docs (G+) Copilot ALGONQUIN COLLEGE (ALGONQ...

Home > Microsoft.PrivateEndpoint-20250219235751 | Overview > **Privateendpoint-8912** ...

Private endpoint

Search Delete Refresh

Overview JSON View

Essentials

Resource group (move)	: CST8912demo	Virtual network/subnet	: 8912-vnet1/Subnet-1-8912
Location	: Canada Central	Network interface	: Privateendpoint-8912-nic
Subscription (move)	: Azure for Students	Private link resource	: brandnewlab6storage1
Subscription ID	: cdb9bdf3-e7ee-43e9-8f6c-ba7327868df1	Target sub-resource	: blob
Provisioning state	: Succeeded	Connection status	: Approved
Tags (edit)	: Add tags	Request/Response	: Auto-Approved

[Activity log](#) [Access control \(IAM\)](#) [Tags](#) [Diagnose and solve problems](#) [Settings](#) [Monitoring](#) [Automation](#) [Help](#)

[Give feedback](#)

Create a Test Virtual Machine

Microsoft Azure Search resources, services, and docs (G+) Copilot degu0055@algonquin... ALGONQUIN COLLEGE (ALGON... X

Home > Virtual machines > Create a virtual machine ...

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

Subscription * Subscription dropdown: Azure for Students
Resource group * Resource group dropdown: CST8912demo

Instance details

Virtual machine name * 8912-VM1
Region * (Canada) Canada Central
Availability options No infrastructure redundancy required
Security type Standard

Trusted launch virtual machine is required when using 1P Gallery images.

Image * Windows Server 2022 Datacenter: Azure Edition - x64 Gen2
This image is compatible with additional security features. [Click here to swap to the Trusted launch security type.](#)

VM architecture Arm64 x64
Arm64 is not supported with the selected image.

Give feedback

Microsoft Azure Search resources, services, and docs (G+) Copilot degu0055@algonquin... ALGONQUIN COLLEGE (ALGON... X

Home > Virtual machines > Create a virtual machine ...

Run with Azure Spot discount
Size * Standard_B1s - 1 vcpu, 1 GiB memory (\$11.39/month) (free services eligible)
Enable Hibernation
Hibernate is not supported by the size that you have selected. Choose a size that is compatible with Hibernate to enable this feature. [Learn more](#)

Administrator account

Username * 8912lab6
Password * password@123
Confirm password * *****

Inbound port rules
Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports * None Allow selected ports
Select inbound ports Select one or more ports
All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

Give feedback

Microsoft Azure Search resources, services, and docs (G+) Copilot deg0055@algonquin... ALGONQUIN COLLEGE (ALGON...)

Home > Virtual machines > Create a virtual machine ...

Help me create a low cost VM Help me create a VM optimized for high availability Help me choose the right VM size for my workload

Basics Disks **Networking** Management Monitoring Advanced Tags Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network *

Subnet *

Public IP

NIC network security group None Basic Advanced

Microsoft Azure Search resources, services, and docs (G+) Copilot deg0055@algonquin... ALGONQUIN COLLEGE (ALGON...)

Home > Virtual machines > Create a virtual machine ...

Help me create a low cost VM Help me create a VM optimized for high availability Help me choose the right VM size for my workload

Basics Disks **Networking** Management Monitoring Advanced Tags Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network *

Subnet *

Public IP

NIC network security group None Basic Advanced

Configure network security group *

Delete NIC when VM is deleted

Enable accelerated networking The selected VM size does not support accelerated networking.

[< Previous](#) [Next : Management >](#) **Review + create** Give feedback

Microsoft Azure

Home > Virtual machines > Create network security group

Name * nsgr-1

Inbound rules (1)

- 1000: default-allow-rdp
 - Any
 - RDP (TCP/3389)

+ Add an inbound rule

Outbound rules (0)

No results.

+ Add an outbound rule

OK

Microsoft Azure

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-2025020001833 | Overview

8912-VM1 Virtual machine

Help me copy this VM in any region

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

- Network settings
- Load balancing
- Application security groups
- Network manager

Settings

- Availability + scale
- Security
- Backup + disaster recovery
- Operations
- Monitoring
- Automation
- Help

Properties Monitoring Capabilities (0) Recommendations Tutorials

Virtual machine

Computer name	8912-VM1
Operating system	Windows (Windows Server 2022 Datacenter Azure Edition)
VM generation	V2
VM architecture	x64
Agent status	Ready
Agent version	2.7.41491.1095
Hibernation	Disabled
Host group	-
Host	-

Networking

Public IP address	-
Public IP address (IPv6)	-
Private IP address	10.0.0.5
Private IP address (IPv6)	-
Virtual network/subnet	8912-vnet1/Subnet-1-8912
DNS name	-

Size

Size	Standard B1s
vCPUs	1

Operating system : Windows (Windows Server 2022 Datacenter Azure Edition)

Size : Standard B1s (1 vcpu, 1 GiB memory)

Public IP address : -

Virtual network/subnet : 8912-vnet1/Subnet-1-8912

DNS name : -

Health state : -

Time created : 2/20/2025, 5:26 AM UTC

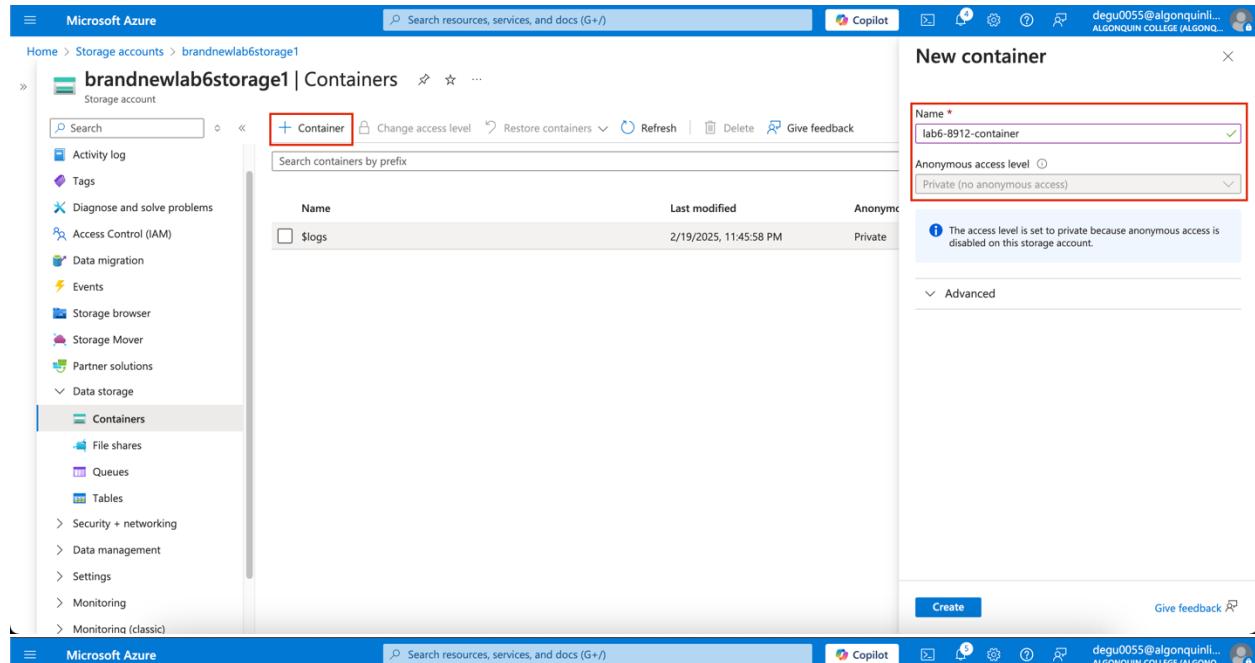
Tags (edit) : Add tags

JSON View

Storage Access Key

The screenshot shows the Microsoft Azure Storage Access Keys page for the storage account 'brandnewlab6storage1'. The page has a top navigation bar with 'Microsoft Azure', a search bar, and user information. The main content area is titled 'brandnewlab6storage1 | Access keys'. On the left, a sidebar lists various storage account management options, with 'Access keys' selected. The main content area displays two access keys: 'key1' and 'key2'. Each key is associated with a 'Rotate key' button, a 'Last rotated' timestamp (2/19/2025), and a 'Key' field. Below each key is a 'Connection string' field, with the 'DefaultEndpointsProtocol=https;AccountName=brandnewlab6storage1;Account...' part highlighted with a red box. There are 'Show' and 'Hide' buttons for each connection string. The 'key1' connection string also has a 'Copy' icon.

Add a Blob Container



New container

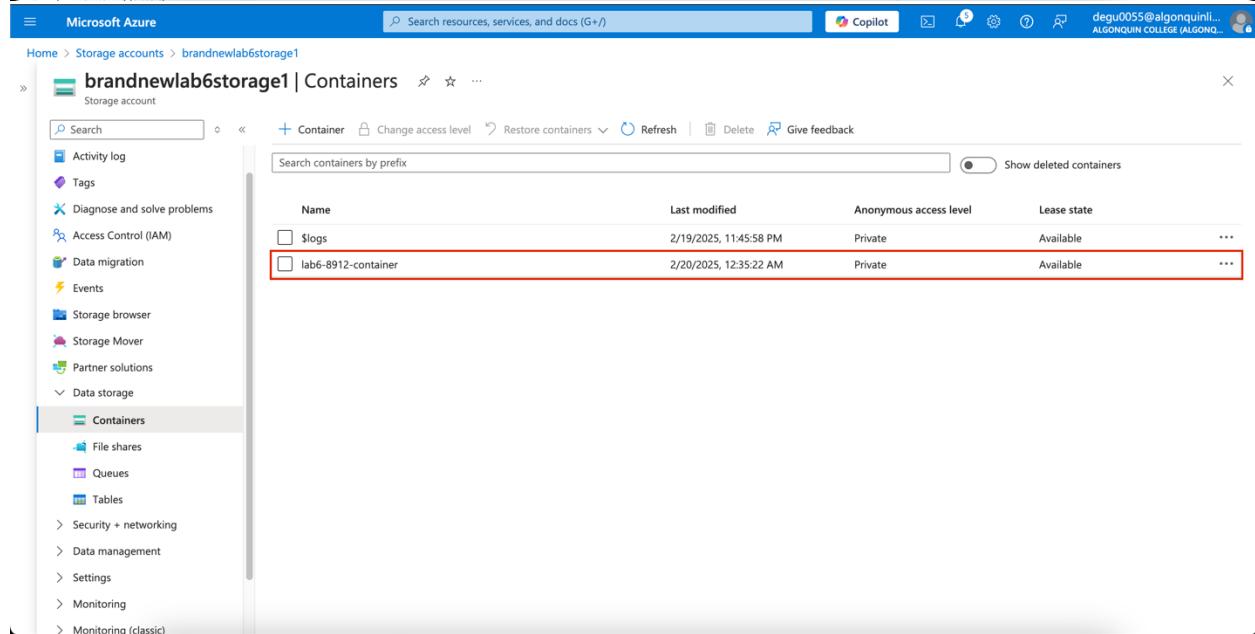
Name * ✓

Anonymous access level

The access level is set to private because anonymous access is disabled on this storage account.

Advanced

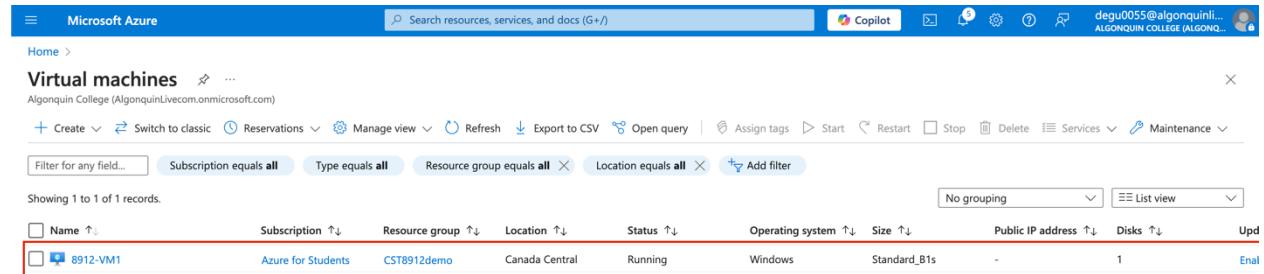
Create Give feedback



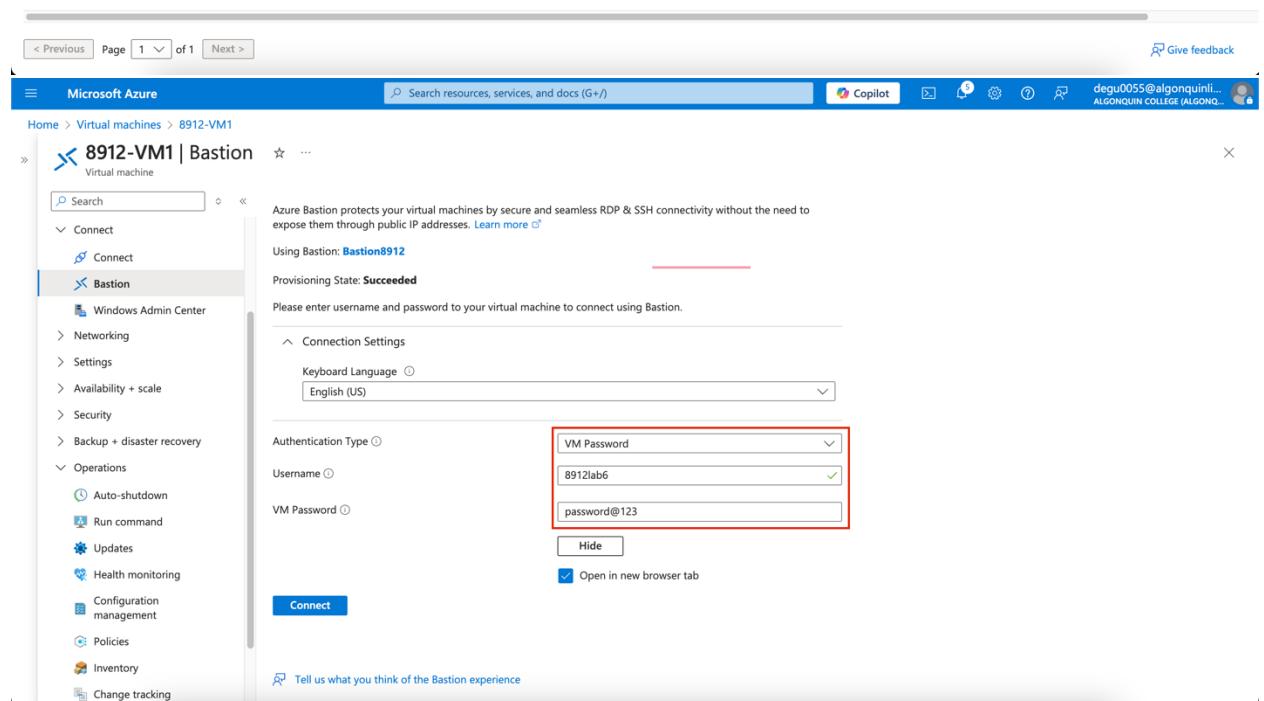
Containers

Name	Last modified	Anonymous access level	Lease state	...
\$logs	2/19/2025, 11:45:58 PM	Private	Available	...
lab6-8912-container	2/20/2025, 12:35:22 AM	Private	Available	...

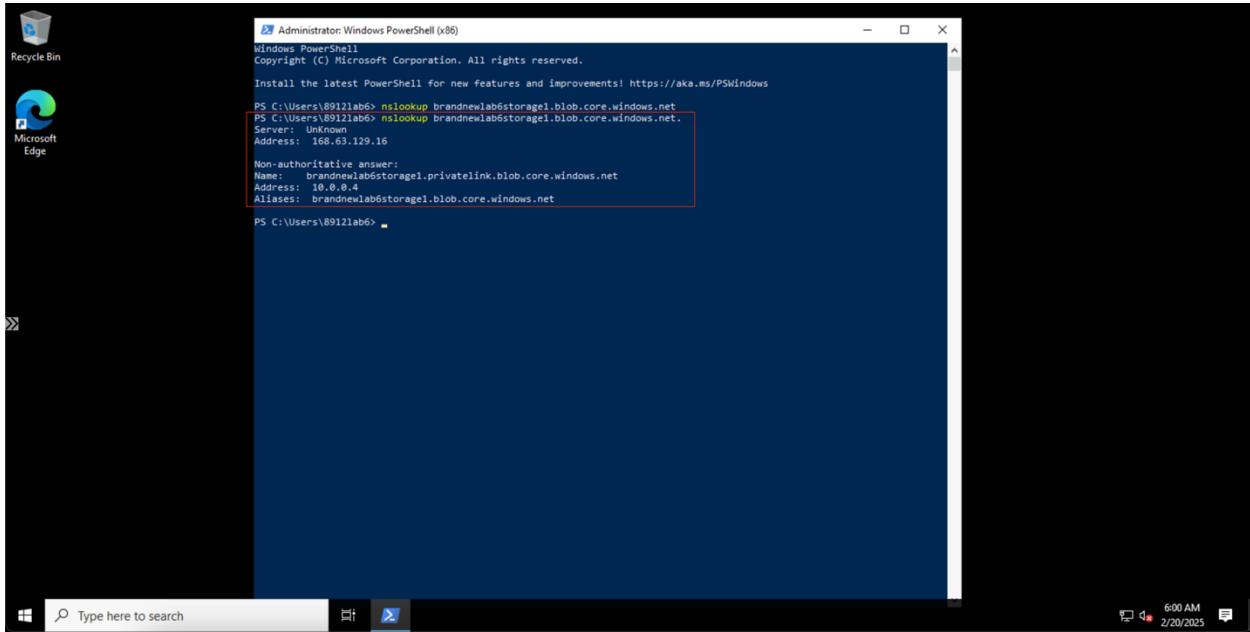
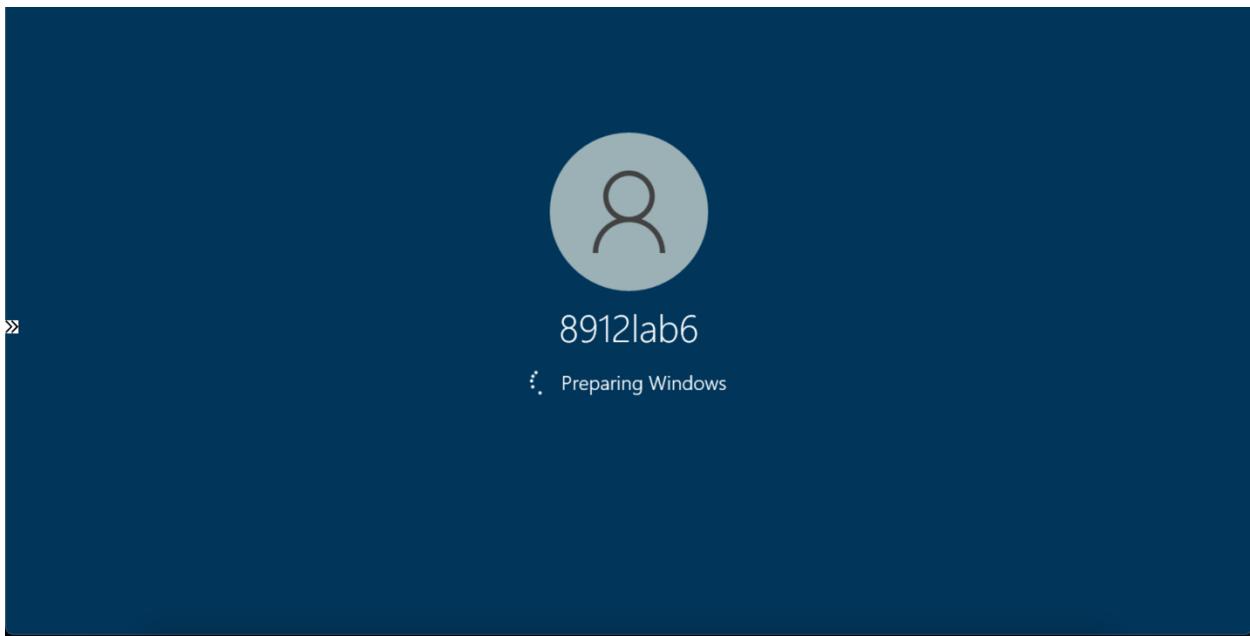
Test Connectivity to Private Endpoint

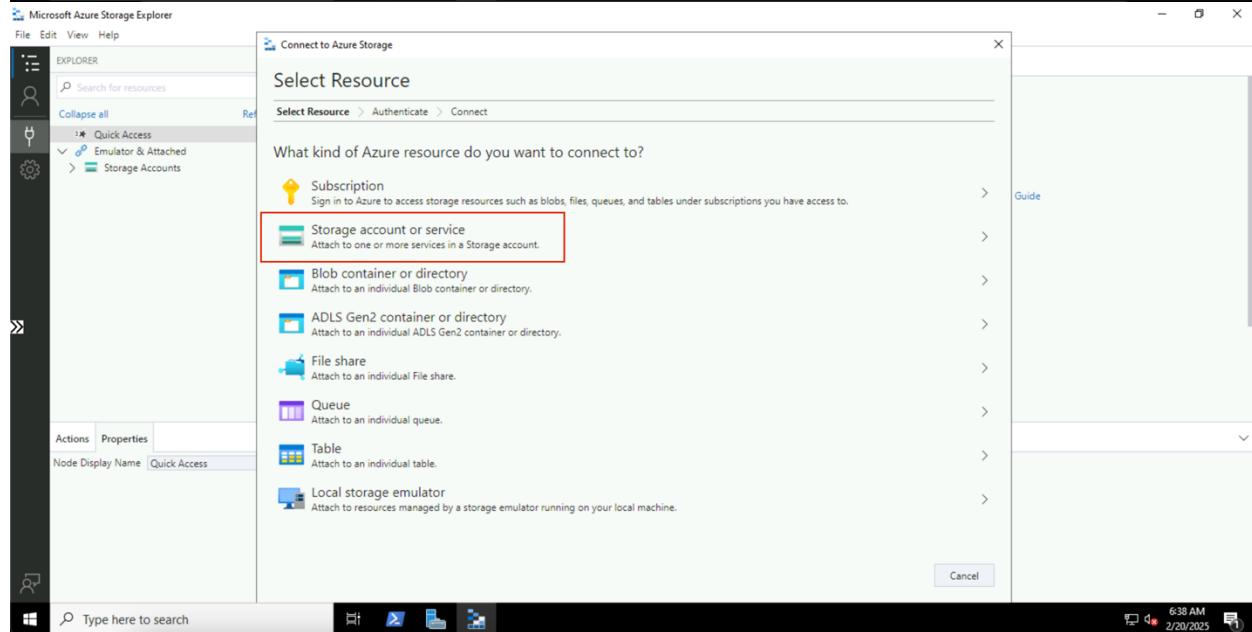
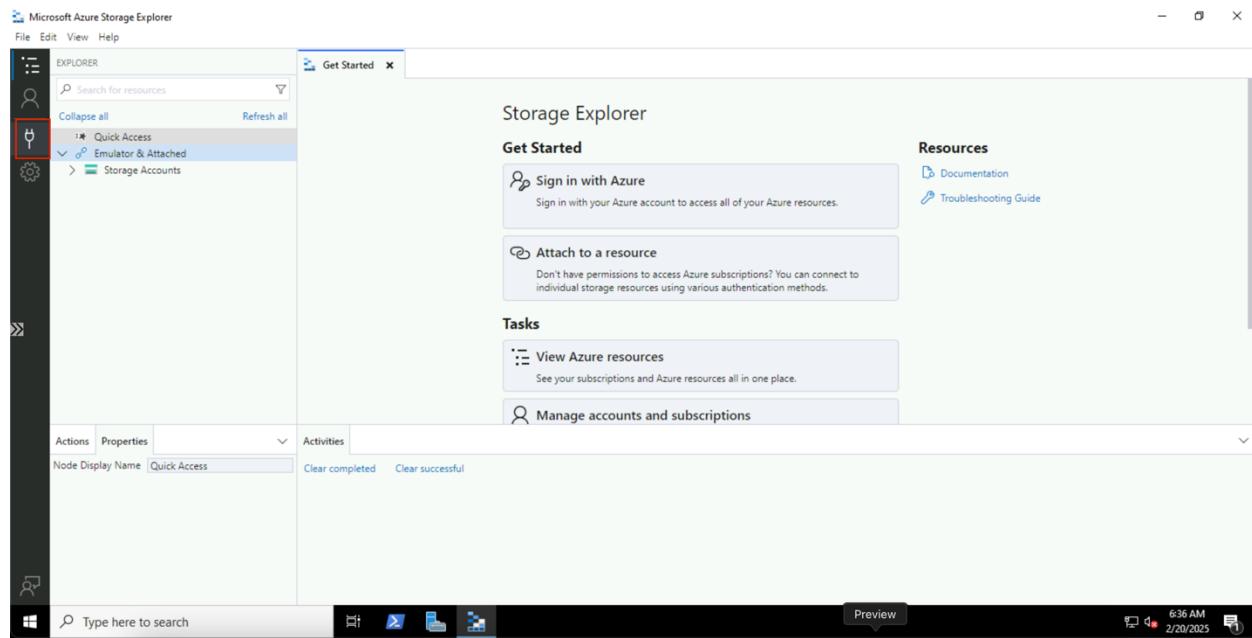


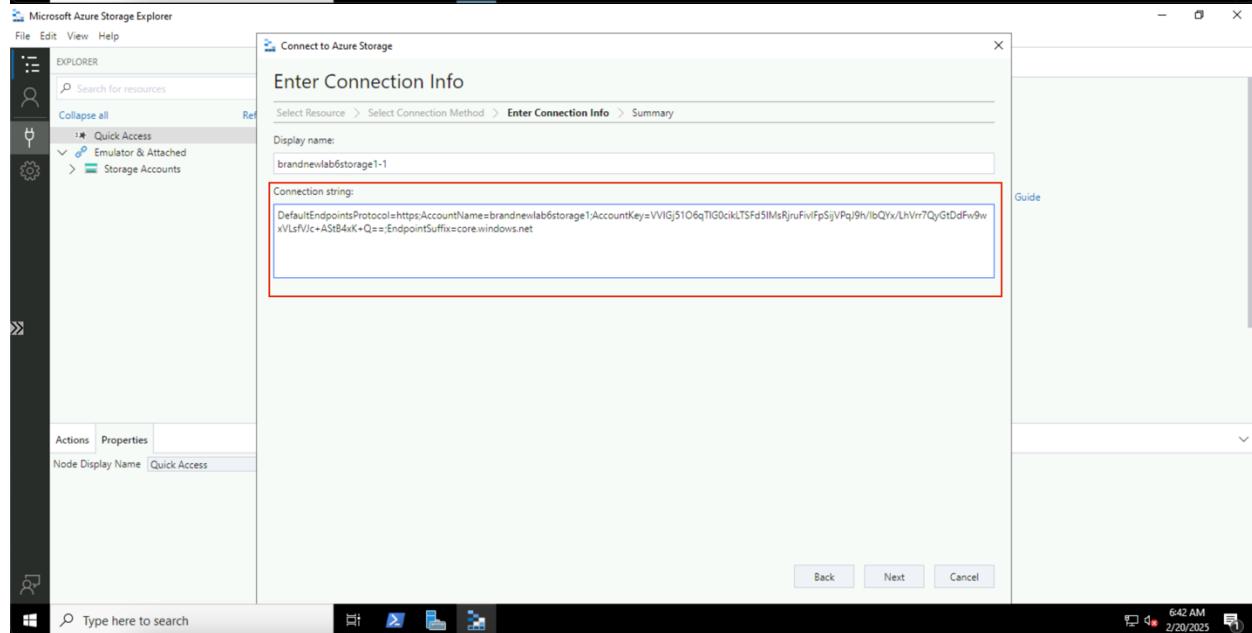
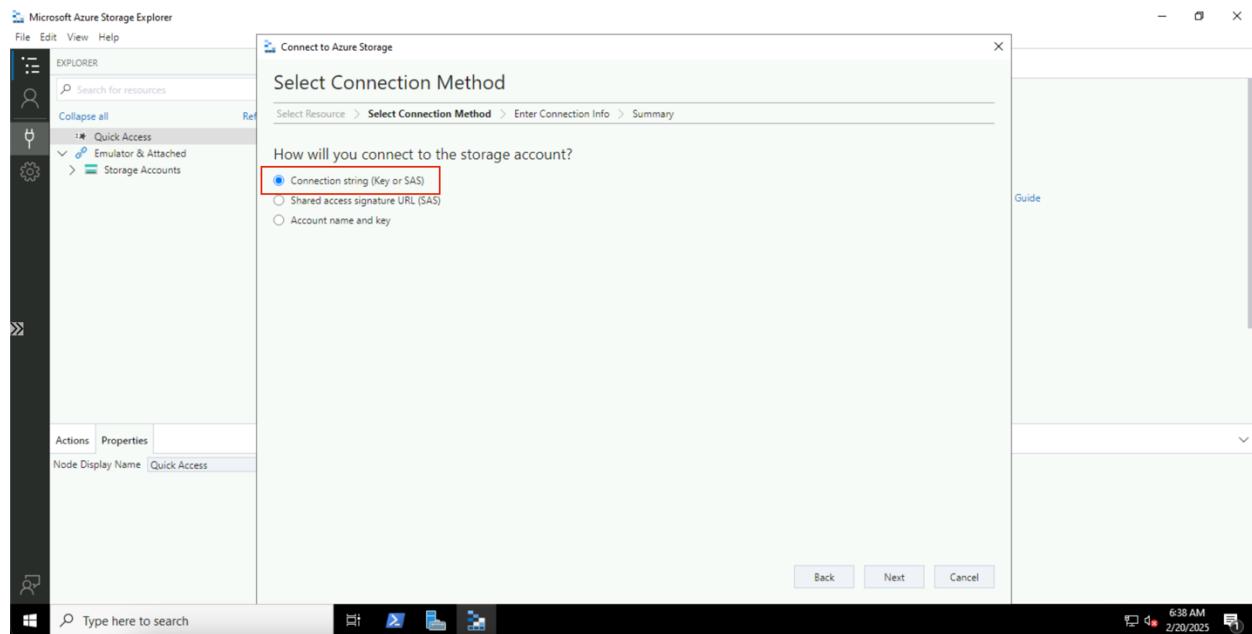
The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes 'Microsoft Azure', a search bar, 'Copilot', and user information. Below the navigation is a toolbar with various icons for creating, managing, and monitoring resources. The main content area is titled 'Virtual machines' and shows a single record: '8912-VM1'. The table columns include Name, Subscription, Resource group, Location, Status, Operating system, Size, Public IP address, Disks, and Upd. The 'Name' column is sorted ascending. The 'Status' column shows 'Running'. The 'Operating system' column shows 'Windows'. The 'Size' column shows 'Standard_B1s'. The 'Public IP address' column is empty. The 'Disks' column shows '1'. The 'Upd' column shows 'Enal'. The entire table row for '8912-VM1' is highlighted with a red border.

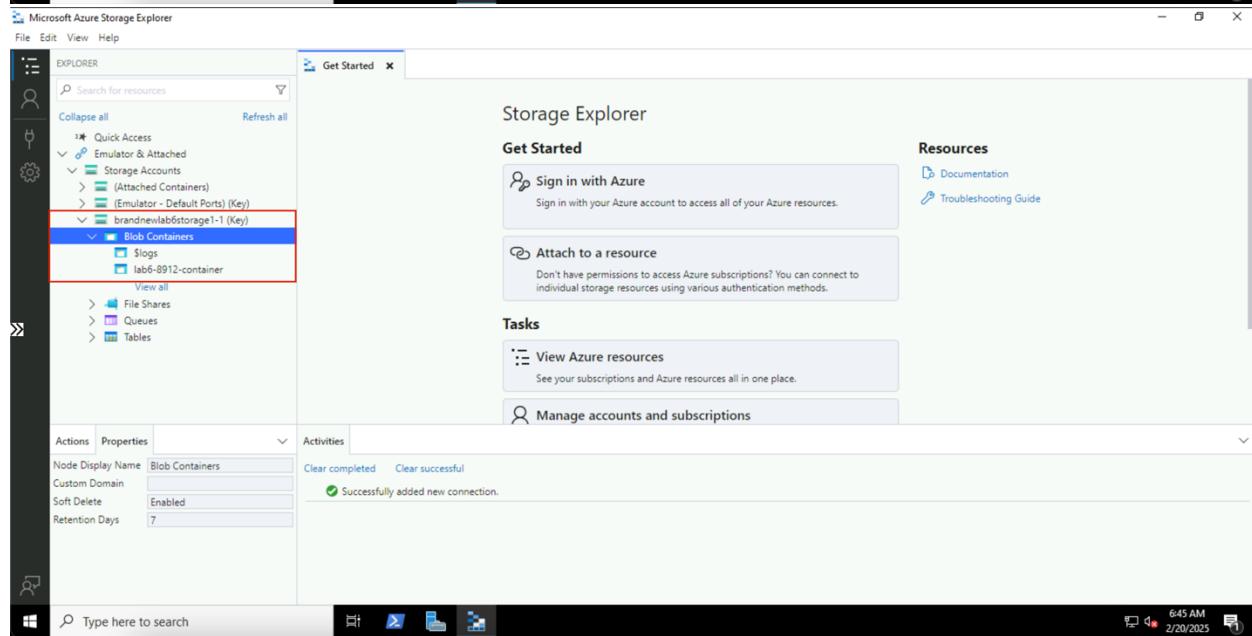
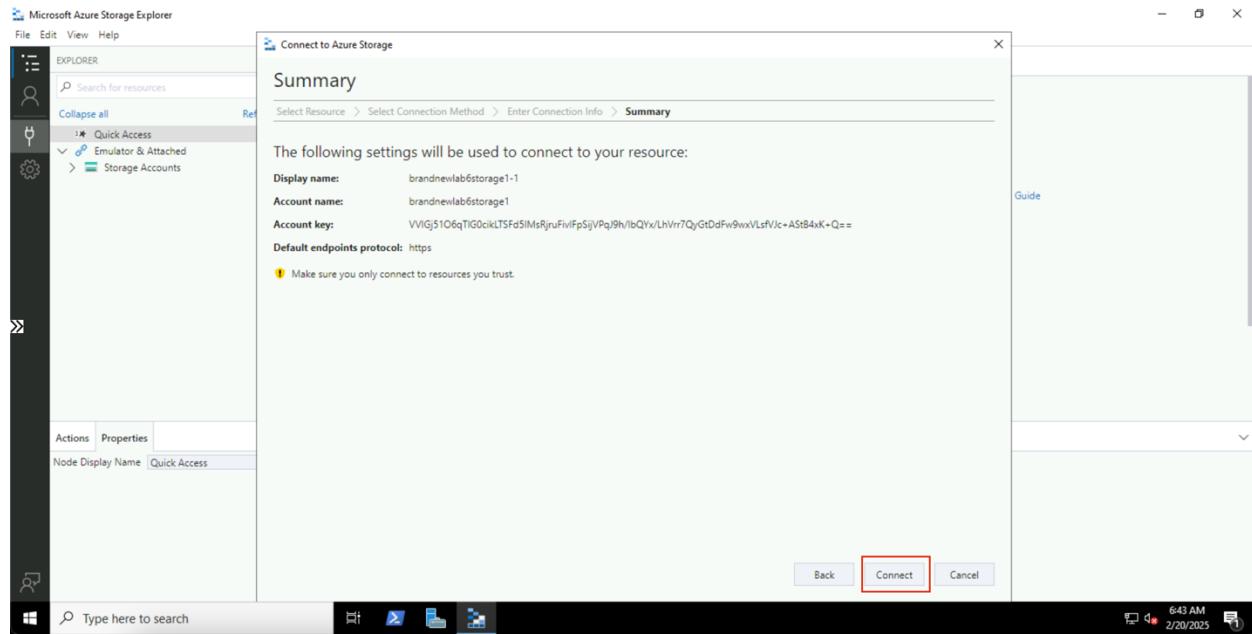


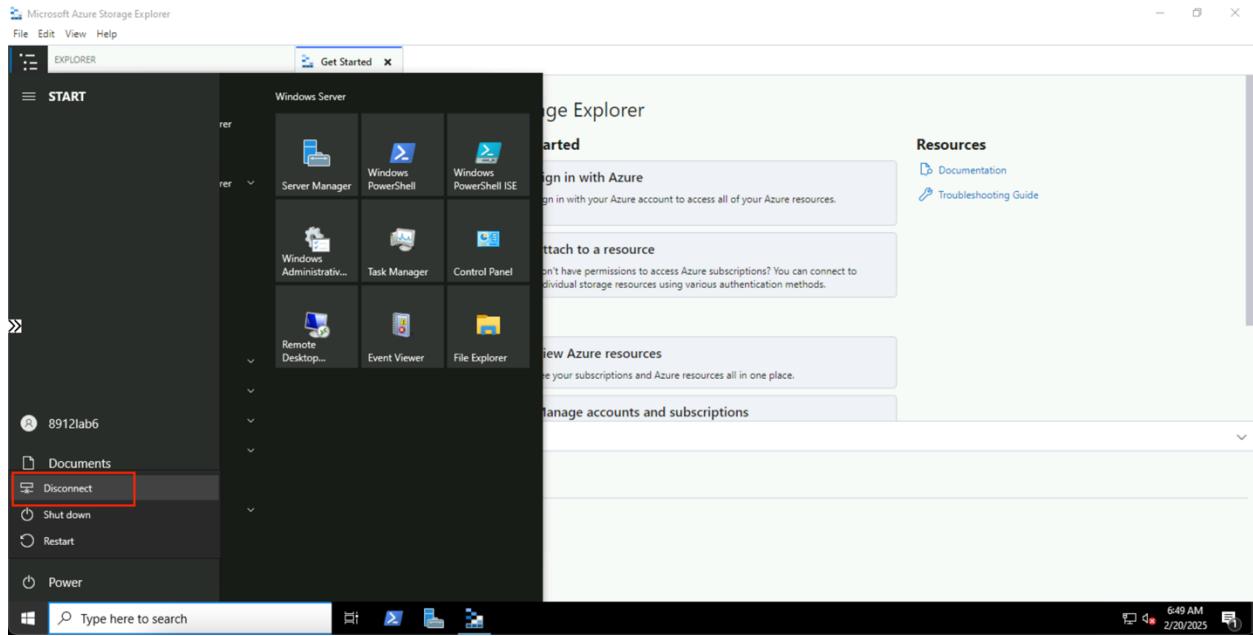
The screenshot shows the Microsoft Azure portal interface for the virtual machine '8912-VM1'. The left sidebar shows a navigation tree with 'Connect' selected. Under 'Connect', 'Bastion' is selected and highlighted with a blue border. The main content area displays the Bastion connection settings. It shows the Bastion host 'Bastion8912' and the provisioning state 'Succeeded'. It prompts for a username and password. The 'Authentication Type' dropdown is set to 'VM Password'. The 'Username' field contains '8912lab6'. The 'VM Password' field contains 'password@123'. Both fields are highlighted with a red border. A 'Connect' button is visible at the bottom. The entire 'Authentication Type' dropdown and its associated fields are highlighted with a red border.











Microsoft Azure

Home >

All resources

Algonquin College (AlgonquinLive.com.onmicrosoft.com)

+ Create Manage view Refresh Export to CSV Open query Assign tags Delete

Filter for any field... Subscription equals all Resource group equals all Type equals all Location equals all Add filter

0 Unsecure resources 0 Recommendations 5 Changed resources

Name ↑ Type ↑ Resource group ↑ Location ↑ Subscription ↑

No resources match your filters

Try changing or clearing your filters.

+ Create resources Clear filters

Learn more

