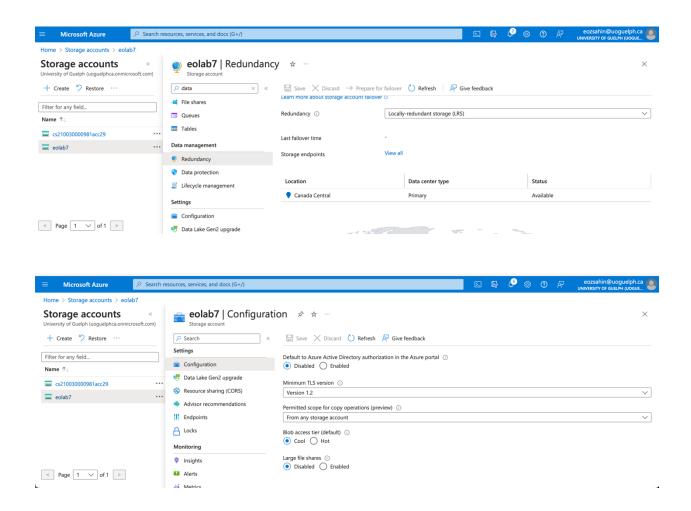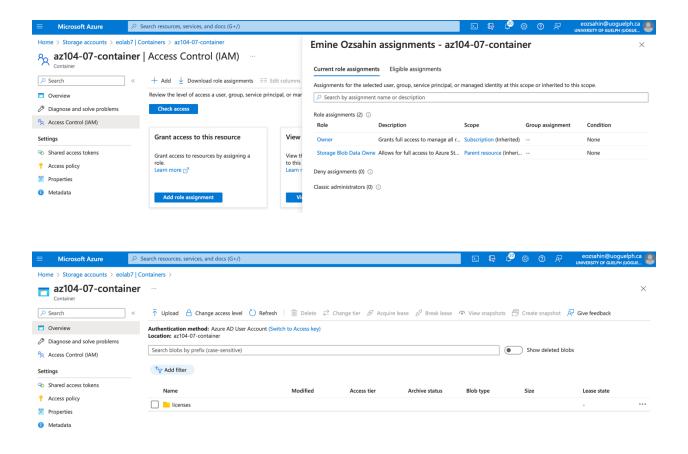# Create and configure Azure Storage accounts

Manage authentication and authorization for Azure Storage

https://eolab7.blob.core.windows.net/az104-07-container/licenses/LICENSE.txt?sp=r&st=2023-06-29T15:49:39Z&se=2023-07-01T23:49:39Z&spr=https&sv=2022-11-02&sr=b&sig=dnGJ16AY%2FAM8C46tF4thk1fWxs9oYDmDYgYb%2FoEjXaQ%3D

Home > Storage accounts > eolab7 | Containers > az104-07-container

az104-07-container | Access Control (IAM)
Container

Search

+ Add   ⬇ Download role assignments   ≡≡ Edit columns

Review the level of access a user, group, service principal, or man

Check access

Grant access to this resource

Grant access to resources by assigning a role.
Learn more

Add role assignment

View

View th to this
Learn r

Settings
- Overview
- Diagnose and solve problems
- Access Control (IAM)
- Shared access tokens
- Access policy
- Properties
- Metadata

Emine Ozsahin assignments - az104-07-container ✕

Current role assignments   Eligible assignments

Assignments for the selected user, group, service principal, or managed identity at this scope or inherited to this scope.

Search by assignment name or description

Role assignments (2) ⓘ

Role	Description	Scope	Group assignment	Condition
Owner	Grants full access to manage all r...	Subscription (Inherited)	--	None
Storage Blob Data Owne	Allows for full access to Azure St...	Parent resource (Inheri...	--	None

Deny assignments (0)

Classic administrators (0) ⓘ

Home > Storage accounts > eolab7 | Containers

az104-07-container ...
Container

Search

⬆ Upload   🔒 Change access level   ↻ Refresh   🗑 Delete   ⇄ Change tier   Acquire lease   Break lease   View snapshots   Create snapshot   Give feedback

Authentication method: Azure AD User Account (Switch to Access key)
Location: az104-07-container

Search blobs by prefix (case-sensitive)   ⬤ Show deleted blobs

+ᵧ Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
☐ 📁 licenses					-	...

Settings
- Overview
- Diagnose and solve problems
- Access Control (IAM)
- Shared access tokens
- Access policy
- Properties
- Metadata

Create and configure an Azure Files shares

Home > Storage accounts > eolab7 | Containers > az104-07-container

az104-07-container | Access Control (IAM)
Container

Search

+ Add   ⬇ Download role assignments   ≡≡ Edit columns

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- Overview
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- Shared access tokens
- Access policy
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Emine Ozsahin assignments - az104-07-container ✕

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Deny assignments (0)

Classic administrators (0) ⓘ

Microsoft Azure

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

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Home > Storage accounts > eolab7 | File shares

az104-07-share
SMB File share

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Browse

Operations

Snapshots

Backup

∧ Essentials

Connect ⬆ Upload 🔄 Refresh ➕ Add directory

Storage account   : eolab7

Resource group (move) : az104-07-rg1

Location   : Canada Central

Subscription (move)   : Azure subscription 1

Subscription ID   : d8efbdae-fe14-40fd-a26e-3167035edd0f

Properties   Capabilities (2)   Tutorials

🗄 Size

Maximum capacity   5 TiB

Used capacity   0 B

Tier   Transaction optimized

⚡ Performance

Share

Redun

Config

Connect

az104-07-share

✕

Drive letter

Z   ▾

Authentication method

○ Active Directory

● Storage account key

ⓘ Connecting to a share using the storage account key is only appropriate for admin access. Mounting the Azure file share with the Active Directory identity of the user is preferred. Learn more

Show Script

[Show Script]

This script will check to see if this storage account is accessible via TCP port 445, which is the port SMB uses. If port 445 is available, your Azure file share will be persistently mounted. Your organization or internet service provider (ISP) may block port 445, however you may use Azure Point-to-Site (P2S) VPN, Azure Site-to-Site (S2S) VPN, or ExpressRoute to tunnel SMB traffic to your Azure file share over a different port.

Note: The script will only work on Windows Server 2012 and above.

Learn how to circumvent the port 445 problem (VPN)

Microsoft Azure

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

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Home > Virtual machines > az104-07-vm0

Virtual machines
University of Guelph

➕ Create ∨   ⇄ Switch to classic   ⋯

Filter for any field...

Name ↑↓

az104-07-vm0

< Page 1 ∨ of 1 >

az104-07-vm0 | Run comm
Virtual machine

Search

Configuration management (Preview)

Policies

Run command

Monitoring

Insights

Alerts

Metrics

Diagnostic settings

Logs

Connection monitor (classic)

Workbooks

No
use
Pow

Run Comm
and reco

Name

RunPow

DisableN

DisableV

EnableA

EnableEI

EnableR

Run Command Script
RunPowerShellScript

✕

ⓘ Script execution complete

```
7       } else {
8           Write-Error –Message "Unable to reach the Azure storage account via port 445. Check to make sure your
9       }
```

Run

Output

```
CMDKEY: Credential added successfully.
New-PSDrive : The local device name is already in use
At C:\Packages\Plugins\Microsoft.CPlat.Core.RunCommandWindows\1.1.15\Downloads\script2.ps1:6 char:5
+     New-PSDrive -Name Z -PSProvider FileSystem -Root "\\eolab7.file.c ...
+     ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : InvalidOperation: (Z:PSDriveInfo) [New-PSDrive], Win32Exception
    + FullyQualifiedErrorId : CouldNotMapNetworkDrive,Microsoft.PowerShell.Commands.NewPSDriveComma
nd
```

Home > az104-07-vm0

az104-07-vm0 | Run command
Virtual machine

- Search
- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

Settings
- Networking
- Connect
- Windows Admin Center
- Disks
- Size
- Microsoft Defender for Cloud
- Advisor recommendations
- Extensions + applications
- Availability + scaling
- Configuration
- Identity
- Properties
- Locks

Operations
- Bastion

Now it's possible to execute multiple scripts at the same time, about the updated Run Command feature, now available throu

Run Command uses the VM agent to let you run a script inside th application maintenance. Select a command below to see details.

Name

RunPowerShellScript
DisableNLA
DisableWindowsUpdate
EnableAdminAccount
EnableEMS
EnableRemotePS
EnableWindowsUpdate
IPConfig
RDPSettings
ResetRDPCert
SetRDPPort

Run Command Script
RunPowerShellScript

ℹ Script execution complete

PowerShell Script

```
1   New-Item –Type Directory –Path 'Z:\az104-07-folder'
2
3   New-Item –Type File –Path 'Z:\az104-07-folder\az-104-07-file.txt'
```

Run

Output

```
    Directory: Z:\

Mode              LastWriteTime         Length Name
----              -------------         ------ ----
d-----        6/30/2023    4:08 PM             az104-07-folder

    Directory: Z:\az104-07-folder

Mode              LastWriteTime         Length Name
----              -------------         ------ ----
-a----        6/30/2023    4:08 PM            0 az-104-07-file.txt
```

Home > Storage accounts > eolab7 | File shares > az104-07-share

az104-07-share | Browse
SMB File share

- Search
- Overview
- Diagnose and solve problems
- Access Control (IAM)
- Browse

Operations
- Snapshots
- Backup

🖉 Connect   ↑ Upload   + Add directory   ↻ Refresh   🗑 Delete share   ⚙ Change tier   ✎ Edit quota

Authentication method: Access key (Switch to Azure AD User Account)

Search files by prefix

Name	Type	Size	
📁 az104-07-folder	Directory		...

Home > Storage accounts > eolab7 | File shares > az104-07-share

az104-07-share | Browse
SMB File share

- Search
- Overview
- Diagnose and solve problems
- Access Control (IAM)
- Browse

Operations
- Snapshots
- Backup

↑ Upload   + Add directory   ↻ Refresh   🗑 Delete directory   ≡ Properties

Authentication method: Access key (Switch to Azure AD User Account)

Search files by prefix

Name	Type	Size	
📁 [..]			...
📄 az-104-07-file.txt	File	0 B	...

Mail