

# PRIVATE & SERVICE ENDPOINTS

<https://portal.azure.com/#create/Microsoft.StorageAccount>

**Create a storage account**

**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 subscription 1

Resource group \* (New) storage-rg Create new

**Instance details**

Storage account name \* nandhinistore12345

Region \* (US) West US 3 Deploy to an Azure Extended Zone

Preferred storage type Choose preferred storage type

This helps us provide relevant guidance. It doesn't restrict your storage to this resource type. [Learn more](#)

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

Premium: Recommended for scenarios that require low latency.

Previous Next Review + create Give feedback

Upcoming Earnings

16:10 ENG IN 06-02-2026

<https://portal.azure.com/#create/Microsoft.StorageAccount>

**Create a storage account**

**Basics Advanced Networking Data protection Encryption Tags Review + create**

**Security**

Configure security settings that impact your storage account.

Require secure transfer for REST API operations

Allow enabling anonymous access on individual containers

Enable storage account key access

Default to Microsoft Entra authorization in the Azure portal

Minimum TLS version \* Version 1.2

Permitted scope for copy operations (preview) \* From any storage account

**Hierarchical Namespace**

Hierarchical namespace, complemented by Data Lake Storage Gen2 endpoint, enables file and directory semantics, accelerates big data analytics workloads, and enables access control lists (ACLs). [Learn more](#)

Enable hierarchical namespace

Previous Next Review + create

Upcoming Earnings

16:10 ENG IN 06-02-2026

azure portal login - Google Search | Microsoft Azure Portal | Microsoft | Create a storage account - Microsoft

https://portal.azure.com/#create/Microsoft.StorageAccount

Microsoft Azure | Upgrade | Search resources, services, and docs (G+) | Copilot | Home > Storage center | Blob Storage | Create a storage account

Networking

Public access

Access your resource from anywhere through a public network.

Note: Allowing access to your resource through a public network increases security risk. [Learn more](#)

Public network access \*  Enable: Allow inbound and outbound access with the option to restrict select inbound access using resource access configurations for this resource.  Disable: Restrict inbound access while allowing outbound access.  Secure by perimeter (Most restricted): Restrict inbound and outbound access using a network security perimeter. Secure by perimeter offers the greatest level of inbound and outbound restriction to secure your resource.

Public network access scope \*  Enable from all networks.  Enable from selected virtual networks and IP addresses.   
⚠️ Enabling public network access will make this resource available publicly. Unless public access is required, consider using the most restricted access.

Previous | Next | Review + create | Give feedback

Upcoming Earnings

Search | Copilot | Home | Copilot | Help | Settings | Log out | ENG IN | 16:11 | 06-02-2026

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https://portal.azure.com/#create/Microsoft.StorageAccount

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Data protection

Recovery

Protect your data from accidental or erroneous deletion or modification.

Enable point-in-time restore for containers: Use point-in-time restore to restore one or more containers to an earlier state. If point-in-time restore is enabled, then versioning, change feed, and blob soft delete must also be enabled. [Learn more](#)

Enable soft delete for blobs: Soft delete enables you to recover blobs that were previously marked for deletion, including blobs that were overwritten. [Learn more](#)

Enable soft delete for containers: Soft delete enables you to recover containers that were previously marked for deletion. [Learn more](#) ⚡ Enabling soft delete for frequently overwritten data may result in increased storage costs. [Learn more](#)

Enable soft delete for file shares: Soft delete enables you to recover file shares that were previously marked for deletion. [Learn more](#)

Tracking

Manage versions and keep track of changes made to your blob data.

Previous | Next | Review + create | Give feedback

Finance headline India Holds Rate... | Search | Copilot | Home | Copilot | Help | Settings | Log out | ENG IN | 16:11 | 06-02-2026

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<https://portal.azure.com/#create/Microsoft.StorageAccount>

Microsoft Azure [Upgrade](#)  Copilot

Home > Storage center | Blob Storage

## Create a storage account

Basics Advanced Networking Data protection **Encryption** Tags Review + create

Encryption type \*  Microsoft-managed keys (MMK)  Customer-managed keys (CMK)

Enable support for customer-managed keys  Blobs and files only  All service types (blobs, files, tables, and queues) ⚠ This option cannot be changed after this storage account is created.

Enable infrastructure encryption

The screenshot shows the Microsoft Azure Portal interface for creating a new storage account. The top navigation bar includes 'Previous' and 'Next' buttons, a 'Review + create' button, and a search bar. The address bar shows the URL for creating a storage account. The main header features the Microsoft Azure logo, an 'Upgrade' button, a search bar, and various navigation icons. The left sidebar lists 'Storage center | Blob Storage' and 'Create a storage account'. The main content area is titled 'Create a storage account' and is divided into sections: 'Basics', 'Advanced', and 'Tags'. The 'Review + create' tab is currently selected. Under 'Basics', fields include Subscription (Azure subscription 1), Resource group (storage-rg), Location (West US 3), Storage account name (nandhinistore12345), Preferred storage type (Standard), Performance (Standard), and Replication (Locally-redundant storage (LRS)). Under 'Advanced', fields include Enable hierarchical namespace (Disabled), Enable SFTP (Disabled), Enable network file system v3 (Disabled), Allow cross-tenant replication (Disabled), Access tier (Hot), and Enable Isolated file shares (Enabled). At the bottom, there are 'Previous', 'Next', and 'Create' buttons, along with a 'Review + create' button.

The screenshot shows the Microsoft Azure Portal interface. The top navigation bar includes tabs for 'Microsoft Azure' and 'Upgrade'. A search bar at the top right contains the placeholder 'Search resources, services, and docs (G+)'. On the far right, there's a user profile for 'lsk2026@outlook.com' and a link to 'DEFAULT DIRECTORY (LSR00208...)'.

The main content area displays a deployment titled 'nandhinistore12345\_1770374515824 | Overview'. The left sidebar has sections for 'Deployment' (selected), 'Overview' (highlighted in green), 'Inputs', 'Outputs', and 'Template'. Below the sidebar, a message says 'Your deployment is complete' with a green checkmark icon. It lists the deployment name, subscription, and resource group. To the right, deployment details like start time (2/6/2026, 4:12:24 PM) and correlation ID are shown, along with a 'Go to resource' button. At the bottom, there are links for 'Give feedback' and 'Tell us about your experience with deployment'.

On the right side of the main content area, there are two promotional cards: 'Cost Management' (with a green dollar sign icon) and 'Microsoft Defender for Cloud' (with a green shield icon). Both cards include descriptive text and a 'Get started' button.

The bottom of the screen features a taskbar with icons for Finance headline, India Holds Rate..., Search, and various system icons. The date '06-02-2026' is visible in the bottom right corner.

**Overview**

Resource group (move) : `storage-rg`

Location : westus3

Subscription (move) : [Azure subscription 1](#)

Subscription ID : `a3107e0d-376f-4650-b383-aa7b2b3c0c9a`

Disk state : Available

Tags (edit) : Add tags

**Properties**

**Blob service**

Hierarchical namespace	Disabled	Require secure transfer for REST API operations	Enabled
Default access tier	Hot	Storage account key access	Enabled
Blob anonymous access	Enabled	Minimum TLS version	Version 1.2
Blob soft delete	Disabled	Infrastructure encryption	Disabled
Container soft delete	Disabled		
Versioning	Disabled		
Change feed	Disabled		
NFS v3	Disabled		
Allow cross-region replication	Disabled		

**Security**

Public network access	Enabled
Public network access scope	Enable from all networks

**Networking**

**Microsoft Azure Portal - Storage Account**

https://portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourcegroups/srorage-rg/providers/Microsoft.Storage/storageAccounts/nandhinistore12345

**nandhinistore12345 | Containers**

Storage account

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

Copilot

Successfully created storage container  
Successfully created storage container 'con2'.

Add container Upload Refresh Delete Change access level Restore containers Edit columns

Search containers by prefix Only show active containers

Showing all 2 items

Name	Last modified	Anonymous access level	Lease state
con1	2/6/2026, 4:14:45 PM	Blob	Available
con2	2/6/2026, 4:15:33 PM	Container	Available

Overview Activity log Tags Diagnose and solve problems Access Control (IAM) Data migration Events Storage browser Storage Mover Partner solutions Resource visualizer Data storage Containers File shares Queues Tables Security + networking

27°C Sunny

**Microsoft Azure Portal - Blob Storage**

https://portal.azure.com/#view/Microsoft\_Azure\_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2Fa3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourceGroups/srorage-rg/providers/Microsoft.Storage/storageAccounts/nandhinistore12345/containers/con1

**con1**

Container

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

Copilot

Successfully uploaded blob(s)  
Successfully uploaded 1 blob(s).

Add Directory Upload Change access level Refresh Delete Copy Paste Rename Acquire lease Break lease Edit columns

Authentication method: Access key (Switch to Microsoft Entra user account)

Add filter

Search blobs by prefix (case-sensitive) Only show active blobs

Showing all 1 items

Name	Last modified	Access tier	Blob type	Size	Lease state
Screenshot 2026-02-05 154001.png	2/6/2026, 4:43:53 PM	Hot (Inferred)	Block blob	198.3 KiB	Available

27°C Sunny

threw a CORS error, check that the redirectUri is registered in the Azure

16:43 06-02-2026

The screenshot shows the Microsoft Azure Blob Storage interface. A single file, 'Screenshot 2026-02-05 154001.png', is listed in the 'Overview' section of the 'con1' container. The file was last modified on 2/6/2026 at 4:43:53 PM, has an 'Access tier' of Hot (Inferred), is a 'Block blob', and has a size of 198.3 KB. A context menu is open over the file, showing options like Properties, View/edit, Rename, Clone, Copy URL, Download, Change tier, Generate SAS, Acquire lease, Create snapshot, View snapshots, View versions, and Delete.

The screenshot shows a web browser displaying the 'Welcome to nginx!' page from a URL like <https://nandini.blob.core.windows.net/con01/Screenshot%202025-09-17%20174219.png>. The page content includes a header from F5.com with navigation links like SOLUTIONS, PRODUCTS, PARTNERS, and SUPPORT. Below the header, there's a bio for OWEN GARRETT, published on JANUARY 01, 2014. The main content area features a large 'Welcome to nginx!' heading, a quote about seeing the page if nginx is installed, and links to the official documentation and commercial support. The footer contains a note about the page being the default web page for website operators.



The screenshot shows the Microsoft Azure Storage account settings page for the 'nandhini' account. The top navigation bar includes links for Home, Overview, and nandhini. The main content area is titled 'nandhini | Networking' and shows the 'Public access' tab selected. It indicates that public network access is enabled from all networks. Below this, there is a section for 'Network security perimeter' which shows that no network security perimeter has been associated. At the bottom, there is a 'Resource settings: Virtual networks, IP addresses, and exceptions' section with a note that resource settings are not in effect because public network access is enabled from all networks. The status bar at the bottom of the browser window shows the date as 09-02-2026 and the time as 15:29.

The screenshot shows the 'Public network access' configuration page in the Microsoft Azure portal. The URL is [https://portal.azure.com/#view/Microsoft\\_Azure\\_Storage/ConfigurePublicNetworkAccessAndResourceSettings.ReactView/resourceProps-~%7B%20apiVersion%3A%202025-06-01%2C%20id%3A%20...](https://portal.azure.com/#view/Microsoft_Azure_Storage/ConfigurePublicNetworkAccessAndResourceSettings.ReactView/resourceProps-~%7B%20apiVersion%3A%202025-06-01%2C%20id%3A%20...). The page title is 'Public network access'. The configuration section includes:

- Public network access \***:
  - Enable: Allow inbound and outbound access with the option to restrict select inbound access using resource access configurations for this resource.
  - Disable: Restrict inbound access while allowing outbound access.
  - Secured by perimeter (Most restricted): Restrict inbound and outbound access using a network security perimeter. Secure by perimeter offers the greatest level of inbound and outbound restriction to secure your resource.
- Enabling public network access will make this resource available publicly. Unless public access is required, consider using the most restricted access configurations. [Learn more](#)**
- Public network access scope \***:
  - Enable from all networks
  - Enable from selected networks

The screenshot shows the 'Public network access' configuration page in the Microsoft Azure portal, identical to the one above but with a warning message at the bottom:

**⚠ If you choose default action as 'Enable from selected networks', please add at least one IP firewall rule or a Virtual Network. Set public network access as 'Disabled' if you want to restrict all traffic to this resource over Private Endpoints only.**

**Virtual Networks**  
Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network ▾

Virtual Network	Subnet	Address Range	Endpoint Status	Resource Group	Subscription
-----------------	--------	---------------	-----------------	----------------	--------------

**Save** **Cancel**

The screenshot shows the Microsoft Azure portal interface for configuring public network access. The URL in the address bar is [https://portal.azure.com/#view/Microsoft\\_Azure\\_Storage/ConfigurePublicNetworkAccessAndResourceSettings.ReactView/resourceProps~-%7B%20apiVersion%3A%202025-06-01%2C%20id%3A%20...](https://portal.azure.com/#view/Microsoft_Azure_Storage/ConfigurePublicNetworkAccessAndResourceSettings.ReactView/resourceProps~-%7B%20apiVersion%3A%202025-06-01%2C%20id%3A%20...). The page title is "Public network access".

**Virtual Networks**

Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network

Add existing virtual network

Add new virtual network

Subnet	Address Range	Endpoint Status	Resource Group	Subscription
--------	---------------	-----------------	----------------	--------------

**IPv4 Addresses**

Allow select public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address ("49.206.40.158")

IPv4 address or CIDR

**Resource instances**

Specify resource instances that will have access to your storage account based on their system-assigned managed identity. [Learn more](#)

**Add networks**

Subscription \*: Azure subscription 1

Virtual networks \*: 0 selected

Subnets: 0 selected

**Save** **Cancel**

At the bottom, there is a Windows taskbar showing the date and time as 09-02-2026 and 15:31.

Screenshot 2025-09-01 at 15.32.09

Microsoft Azure | Microsoft Azure Portal | vm01 - Microsoft Azure | Microsoft Azure Portal | Add networks - Microsoft Azure | Screenshot 2025-09-01 at 15.32.09 | +

https://portal.azure.com/#view/Microsoft\_Azure\_Storage/ConfigurePublicNetworkAccessAndResourceSettings.ReactView/resourceProps~-%7B"apiVersion":%3A"2025-06-01"%2C"id":%3A"...

Microsoft Azure | Upgrade | Search resources, services, and docs (G+) | Copilot | Home > nandini\_1770629671181 | Overview > nandini | Networking | Public network access | ...

If you choose default action as 'Enable from selected networks', please add at least one IP firewall rule or a Virtual Network. Set public network access as 'Disabled' if you want to restrict all traffic to this resource.

**Virtual Networks**

Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network

Virtual Network	Subnet	Address Range	Endpoint Status	Resource Group
vnet-canadacentral	1	172.16.0.0/16	Not enabled	storage-rg

**IPv4 Addresses**

Allow select public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address ("49.206.40.158")

IPv4 address or CIDR

**Resource instances**

Specify resource instances that will have access to your storage account based on their system-assigned managed identity. [Learn more](#)

**Add networks**

Subscription \* Azure subscription 1

Virtual networks \* vnet-canadacentral

Subnets \* snet-canadacentral-1 (Service endpoint required)

Select subnets

Select all

vnet-canadacentral

snet-canadacentral-1 (Service endpoint required)

Virtual network	Service endpoint status
vnet-canadacentral	Not enabled

Save Cancel Enable

30°C Sunny 15:32 09-02-2026 ENG IN

Screenshot 2025-09-01 at 15.34.09

Microsoft Azure | Microsoft Azure Portal | vm01 - Microsoft Azure | Microsoft Azure Portal | Public network access - Microsoft Azure | Screenshot 2025-09-01 at 15.34.09 | +

https://portal.azure.com/#view/Microsoft\_Azure\_Storage/ConfigurePublicNetworkAccessAndResourceSettings.ReactView/resourceProps~-%7B"apiVersion":%3A"2025-06-01"%2C"id":%3A"...

Microsoft Azure | Upgrade | Search resources, services, and docs (G+) | Copilot | Home > nandini\_1770629671181 | Overview > nandini | Networking | Public network access | ...

**Virtual Networks**

Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network

Virtual Network	Subnet	Address Range	Endpoint Status	Resource Group	Subscription
vnet-canadacentral	1	172.16.0.0/16	Not enabled	storage-rg	Azure subscription 1

**IPv4 Addresses**

Allow select public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address ("49.206.40.158")

IPv4 address or CIDR

**Resource instances**

Specify resource instances that will have access to your storage account based on their system-assigned managed identity. [Learn more](#)

**Resource type**

Instance name

Save Cancel

30°C Sunny 15:34 09-02-2026 ENG IN

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<Error>
  <Code>AuthorizationFailure</Code>
  <Message>This request is not authorized to perform this operation. RequestId:520e8ede-801e-00c5-08ab-9913b6000000 Time:2026-02-09T10:05:04.4788217Z</Message>
</Error>
```

News for you  
Apple's big ear...

Search

ENG IN 09-02-2026

azure portal login - Microsoft Azure Port - Microsoft Azure Port - Microsoft Azure Port - nandini - Microsoft Azure - nandini.blob.core.windows.net

https://portal.azure.com/#view/Microsoft\_Azure\_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2Fa3107e0d-376f-4650-b383-aa7b2b3c0c9a%2Fresource...

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

lskr2026@outlook.com DEFAULT DIRECTORY (LSKR2026...)

Home > nandini\_1770629671181 | Overview > nandini | Containers

con01 ...

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

This request is not authorized to perform this operation.

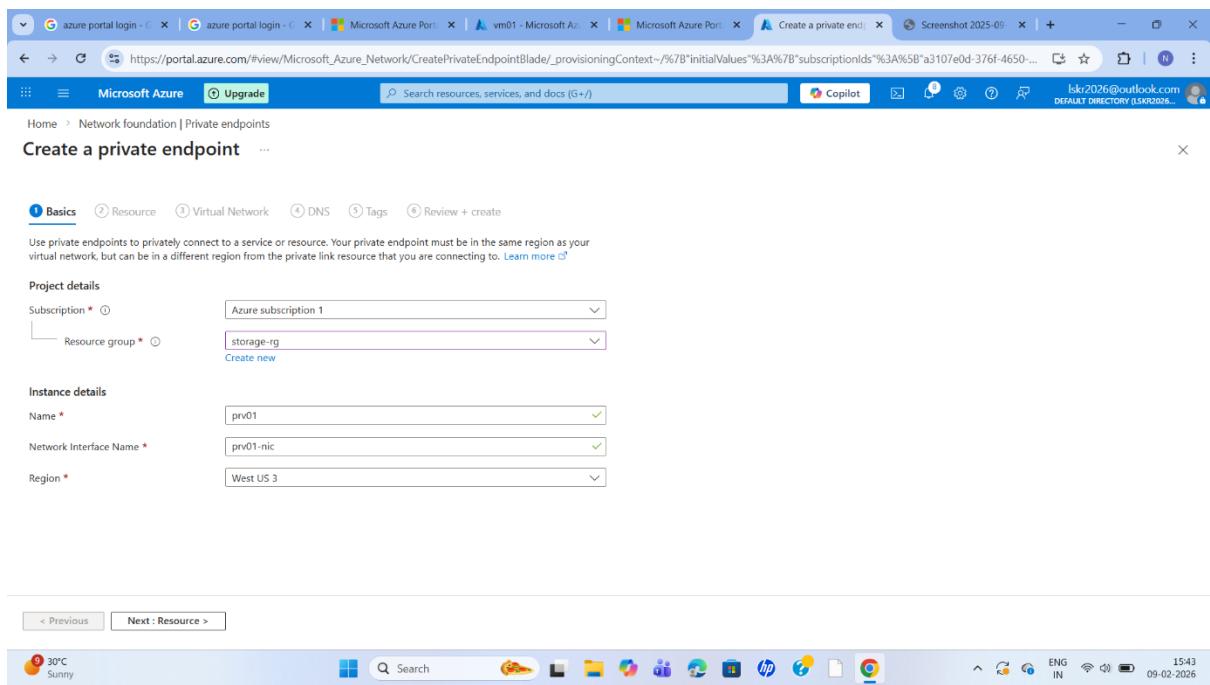
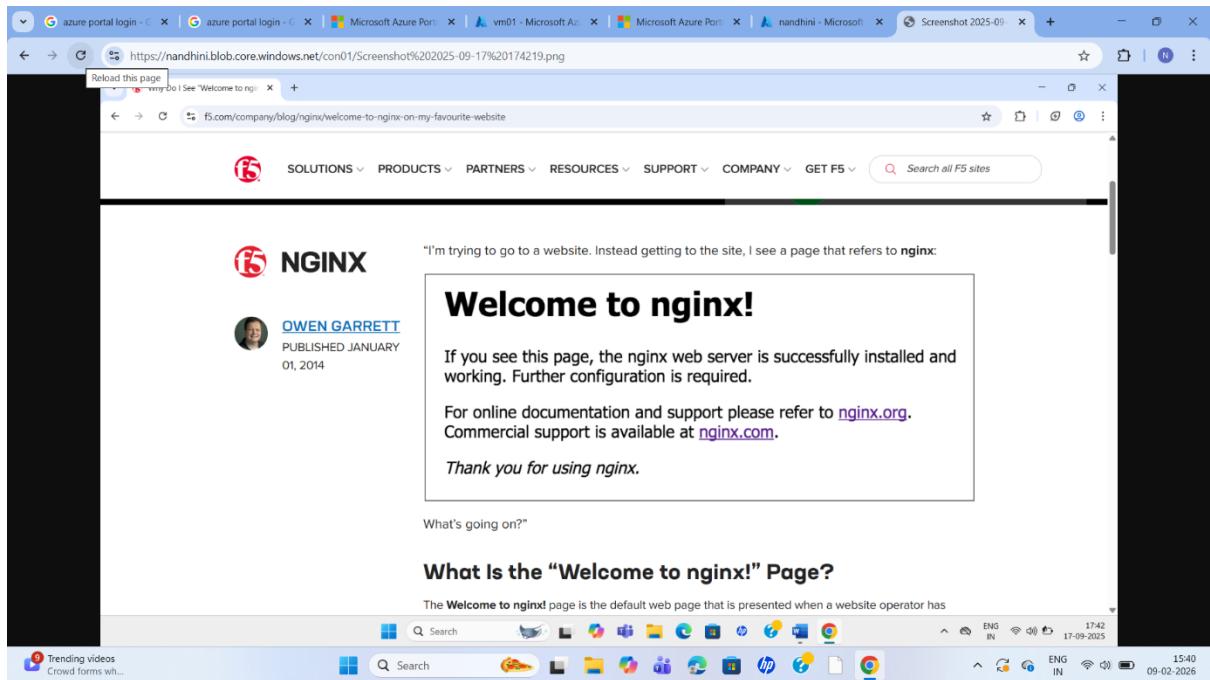
Summary

Session ID	9ba446de0f3c4e28ad456b8acbd39da0
Extension	Microsoft_Azure_Storage
Error code	403
Resource ID	/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a...
Content	BlobsView.ReactView
Storage Request ID	ee7a99fb-501e-00a4-02ab-9930f5000000

Details

- This request is not authorized to perform this operation. RequestId:ee7a99fb-501e-00a4-02ab-9930f5000000 Time:2026-02-09T10:07:47.827305Z
- This storage account's 'Firewalls and virtual networks' settings may be blocking access to storage services. Try adding your client IP address (49.206.40.158) to the firewall exceptions, or by allowing access from 'all networks' instead of 'selected networks'. [Learn more](#)





The screenshot shows the 'Create a private endpoint' wizard on the 'Resource' tab. The user has selected 'Connect to an Azure resource in my directory' and chosen 'Microsoft.Storage/storageAccounts' as the resource type. The target sub-resource is set to 'blob'. Navigation buttons at the bottom include '< Previous' and 'Next : Virtual Network >'.

The screenshot shows the 'Create a private endpoint' wizard on the 'Virtual Network' tab. The user has selected 'nandhini (storage-rg)' as the virtual network and 'default' as the subnet. The 'Network policy for private endpoints' is set to 'Disabled'. Under 'Private IP configuration', 'Dynamically allocate IP address' is selected. The 'Application security group' section is expanded, showing a note about ASG and a '+ Create' button. Navigation buttons at the bottom include '< Previous' and 'Next : DNS >'.

Microsoft Azure | Upgrade | Search resources, services, and docs (G+) | Copilot | Help | Settings | Log out

## Create a private endpoint

Basics Resource Virtual Network DNS Tags Review + create

**Private DNS integration**

To connect privately with your private endpoint, you need a DNS record. We recommend that you integrate your private endpoint with a private DNS zone. You can also utilize your own DNS servers or create DNS records using the host files on your virtual machines. [Learn more](#)

Integrate with private DNS zone  Yes  No

Configuration name	Subscription	Resource group	Private DNS zone
privateli...	Azure subscription 1	storage-rg	(new) privateli...

< Previous Next : Tags >

Microsoft Azure | Upgrade | Search resources, services, and docs (G+) | Copilot | Help | Settings | Log out

## Microsoft.PrivateEndpoint-20260209155523 | Overview

Deployment

Search | Delete | Cancel | Redeploy | Download | Refresh

**Your deployment is complete**

Deployment name : Microsoft.PrivateEndpoint-20260209155523  
Subscription : Azure subscription 1  
Resource group : storage-rg

Start time : 2/9/2026, 3:58:51 PM  
Correlation ID : b0a90643-1b59-4c27-9f17-804575dce58d

**Deployment details**

**Next steps**

Go to resource

**Cost management**  
Get notified to stay within your budget and prevent unexpected charges on your bill.  
[Set up cost alerts >](#)

**Microsoft Defender for Cloud**  
Secure your apps and infrastructure.  
[Go to Microsoft Defender for Cloud >](#)

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**Work with an expert**  
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.  
[Find an Azure expert >](#)

Screenshot of Microsoft Azure portal showing the Private DNS zones page. The URL is https://portal.azure.com/#/browse/Microsoft.Network%2FprivateDnsZones

The page displays a table of Private DNS zones:

Name	Number of record sets	Max number of record s...	Number of virtual netw...	Number of virtual netw...	Resource Group	Subscription
privateli... .blob.core.windows.net	1	25,000	0 / 1000	0 / 100	storage-rg	Azure subscription 1

Showing 1 - 1 of 1. Display count: 20

Screenshot of Microsoft Azure portal showing the details for the private DNS zone "privateli... .blob.core.windows.net". The URL is https://portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourceGroups/storage-rg/providers/Microsoft.Network/privateDnsZones/privateli... .blob.core.windows.net

The page shows the following details for the zone:

- Overview
  - Resource group (move): storage-rg
  - Location: Global
  - Subscription (move): Azure subscription 1
  - Tags: Tags (edit), Add tags
- Essentials
  - Records
  - Virtual Network Links
  - Virtual Network Links With Registration
- Monitoring
- Capabilities
- Tutorials
- Tools + SDKs
- Recommendations (0)

Azure Monitor Tools section:

- Get alerted to issues
- Get started with Log Analytics
- Monitor at scale with Insights

Showing 1 - 1 of 1. Display count: 20

System tray icons: Weather (30°C, Sunny), Search, Task View, File Explorer, Control Panel, User Accounts, Windows Update, HP, Taskbar, Refresh, Give feedback.

Screenshot of the Microsoft Azure portal showing the configuration of public network access for a storage account.

**Public network access**

Configure what inbound access is enabled through this resource's public endpoint. [Learn more](#)

**Public network access \***  Enable

Allow inbound and outbound access with the option to restrict select inbound access using resource access configurations for this resource.

Disable

Restrict inbound access while allowing outbound access.

Secured by perimeter (Most restricted)

Restrict inbound and outbound access using a network security perimeter. Secure by perimeter offers the greatest level of inbound and outbound restriction to secure your resource.

**⚠️ Enabling public network access will make this resource available publicly. Unless public access is required, consider using the most restricted access configurations. [Learn more](#)**

**Public network access scope \***  Enable from all networks

Enable from selected networks

**Save** **Cancel**

Screenshot of the Microsoft Azure portal showing the Storage center | Blob Storage blade.

**Storage center | Blob Storage**

You are viewing a new version of the Browse experience. Click here to access the old experience.

**Resources**

+ Create  Restore

Name: shyamstg, nandhini

Showing 1 - 2 of 2. Display count: 20

**nandhini** Storage account

Help me reduce the costs of my storage account Help me optimize storage costs for this account +1

**Essentials**

Resource group (move) storage-rg

Location westus3

Primary/Secondary Location Primary: West US 3, Secondary: East US

Subscription (move) Azure subscription 1

Subscription ID a3107e0d-376f-4650-b383-aa7b2b3c0c9a

Disk state Available

Tags (edit) Add tags

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

**Blob service**

**Security**

ENG IN 16:10 09-02-2026

Screenshot of the Microsoft Azure portal showing the configuration of public network access for a storage account.

**Public network access**

Configure what inbound access is enabled through this resource's public endpoint. [Learn more](#)

**Public network access \***  Enable

Allow inbound and outbound access with the option to restrict select inbound access using resource access configurations for this resource.

Disable

Restrict inbound access while allowing outbound access.

Secured by perimeter (Most restricted)

Restrict inbound and outbound access using a network security perimeter. Secure by perimeter offers the greatest level of inbound and outbound restriction to secure your resource.

**⚠️ Enabling public network access will make this resource available publicly. Unless public access is required, consider using the most restricted access configurations. [Learn more](#)**

**Public network access scope \***  Enable from all networks

Enable from selected networks

**Save** **Cancel**

Screenshot of the Microsoft Azure portal showing the Storage center | Blob Storage blade.

**Storage center | Blob Storage**

You are viewing a new version of the Browse experience. Click here to access the old experience.

**Resources**

+ Create  Restore

Name: shyamstg, nandhini

Showing 1 - 2 of 2. Display count: 20

**nandhini** Storage account

Help me reduce the costs of my storage account Help me optimize storage costs for this account +1

**Essentials**

Resource group (move) storage-rg

Location westus3

Primary/Secondary Location Primary: West US 3, Secondary: East US

Subscription (move) Azure subscription 1

Subscription ID a3107e0d-376f-4650-b383-aa7b2b3c0c9a

Disk state Available

Tags (edit) Add tags

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

**Blob service**

**Security**

ENG IN 16:10 09-02-2026

The screenshot shows the Microsoft Azure Storage center interface. On the left, a navigation pane lists various storage services: Overview, All storage resources, Object storage, File storage, Block storage (Azure Disks, Elastic SAN), Data management (Storage Discovery, Storage Actions), Migration, Storage Mover, Data Box, Partner solutions (Backup and recovery, Data analytics), and Data management and more. The main area displays 'nandhini | Access keys' for the 'nandhini' storage account. It shows two access keys: 'key1' and 'key2'. Both keys were last rotated on 2/9/2026 (0 days ago). The 'key1' key is currently selected. Below the keys are sections for Shared access signature, Encryption, Microsoft Defender for Cloud, and Connection string. A note at the top right says: 'Access keys authenticate your applications' requests to this storage account. Keep your keys in a secure location like Azure Key Vault, and replace them often with new keys. The two keys allow you to replace one while still using the other.' A reminder button is available to set a rotation reminder.

**Storage center | Blob Storage**

**nandhini | Access keys**

Storage account

Search

Set rotation reminder Refresh Give feedback

Access keys authenticate your applications' requests to this storage account. Keep your keys in a secure location like Azure Key Vault, and replace them often with new keys. The two keys allow you to replace one while still using the other.

Remember to update the keys with any Azure resources and apps that use this storage account. Learn more about managing storage account access keys.

Storage account name: nandhini

key1 Rotate key  
Last rotated: 2/9/2026 (0 days ago)  
Key: [REDACTED] Show

key2 Rotate key  
Last rotated: 2/9/2026 (0 days ago)  
Key: [REDACTED] Show

Shared access signature  
Encryption  
Microsoft Defender for Cloud  
Connection string

You are viewing a new version of Browse experience. Click here to access the old experience.

Showing 1 - 2 of 2. Display count: 20

**Microsoft Azure Storage Explorer**

File Edit View Help

EXPLORER

Connect to Azure Storage

Select Connection Method

How will you connect to the storage account?

Connection string (Key or SAS)  
 Shared access signature URL (SAS)  
 Account name and key

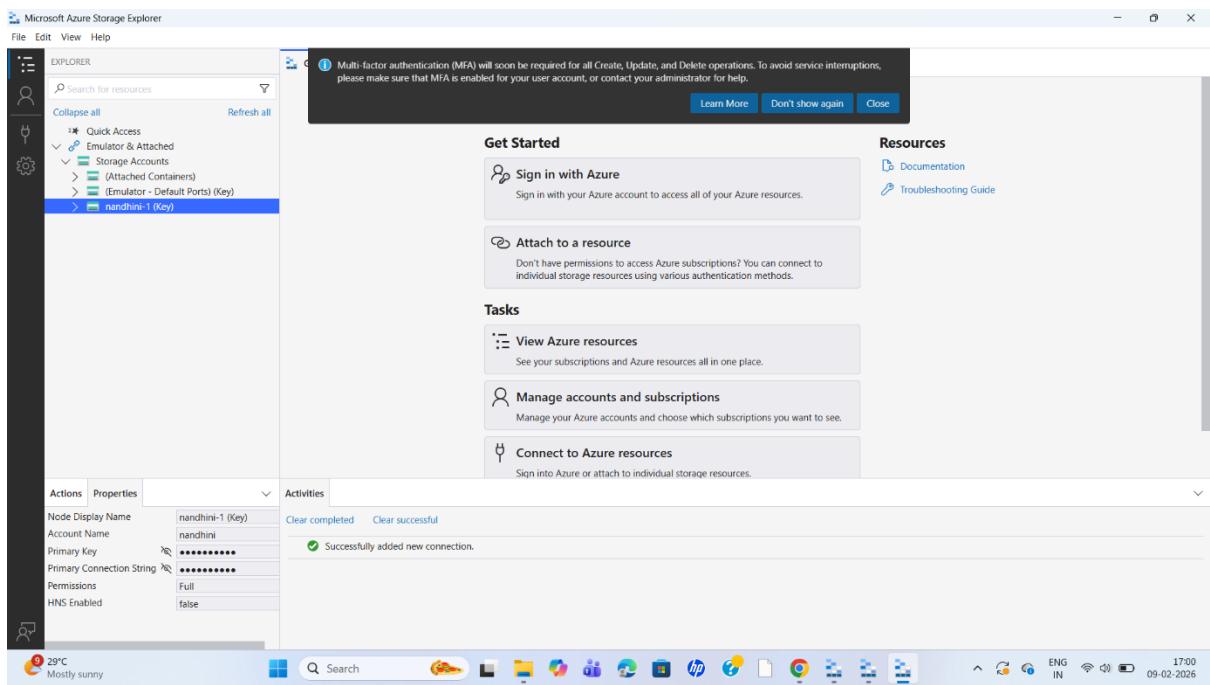
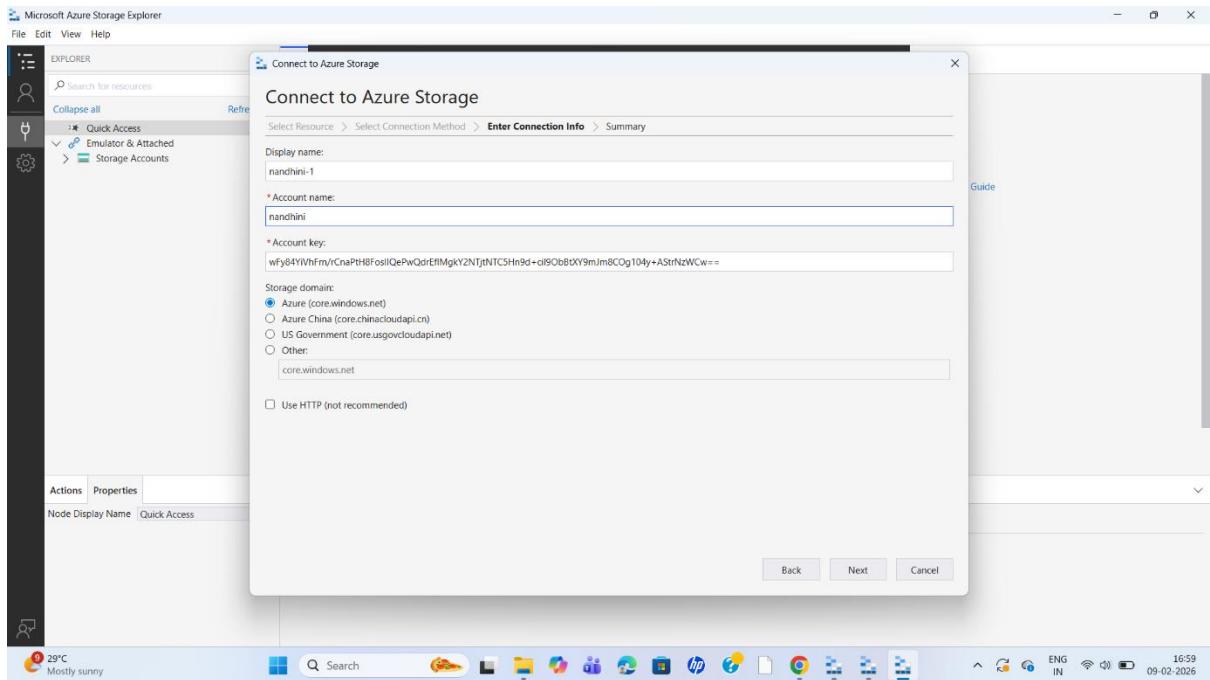
Select Resource > Select Connection Method > Enter Connection Info > Summary

Back Next Cancel

Actions Properties

Node Display Name Quick Access

29°C Mostly sunny



Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

Search for resources Refresh all

Collapse all Quick Access Emulator & Attached Storage Accounts (Emulator - Default Ports) (Key) nandini-1 Blob Containers con01 View all File Shares Queues Tables

Get Started

Upload Download Open Preview New Folder Select All Copy Paste Clone Properties Delete Undelete Manage History Folder Statistics Refresh

con01 Active blobs (default) con01

Name Access Tier Access Tier Last Modified Last Modified Blob Type Content Type

01.png Hot (Inferred) 09-02-2026 17:02 Block Blob image/png

Screenshot 2025-09-17 174219.png Hot (Inferred) 09-02-2026 15:25 Block Blob image/png

Showing 1 to 2 of 2 cached items << < > >> Load more

Actions Properties

Node Display Name con01 URL https://nandini.blob.core.windows.net Custom Domain Type Blob Container HNS Enabled false Lease State available Lease Status unlocked Public Read Access blob

Activities

Clear completed Clear successful

Transfer of 'C:\Users\nandini\Pictures\01.png' to 'con01/' complete: 1 item transferred (used SAS, discovery completed) Started at: 09-02-2026 17:02, Duration: 6 seconds Copy AzCopy Command to Clipboard

Successfully added new connection.

29°C Mostly sunny Search

ENG IN 17:03 09-02-2026

Microsoft Azure Upgrade

Search resources, services, and docs (G+)

https://portal.azure.com/#view/Microsoft\_Azure\_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2Fa3107e0d-376f-4650-b383-aa7b2b3c0c9a%2BblobContainerId%2Fcon01

Home > Storage center | Blob Storage > nandini | Containers

con01 Container

Add Directory Upload Change access level Refresh Delete Copy Paste Rename Acquire lease Break lease Edit columns

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

con01

Authentication method: Access key (Switch to Microsoft Entra user account)

Add filter

Search blobs by prefix (case-sensitive)

Only show active blobs

Showing all 2 items

Name	Last modified	Access tier	Blob type	Size	Lease state
01.png	2/9/2026, 5:02:58 PM	Hot (Inferred)	Block blob	151.37 KIB	Available
Screenshot 2025-09-17 174219.png	2/9/2026, 3:25:37 PM	Hot (Inferred)	Block blob	281.06 KIB	Available

Add or remove favorites by pressing Ctrl+Shift+F

29°C Mostly sunny Search

ENG IN 17:03 09-02-2026

Microsoft Azure | Upgrade | Search resources, services, and docs (G+) | Copilot | Help | Settings | Sign out

https://portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourceGroups/storage-rg/providers/Microsoft.Storage/storageAccounts/nandini

Storage center | Blob Storage | nandini

Storage account

Search | Summary | Resources

+ Create | Restore | ...

You are viewing a new version of Browse experience. Click here to access the old experience.

Name: shyamstg, nandini

Containers, File shares, Queues, Tables

Storage Mover, Partner solutions, Resource visualizer, Data storage, Security + networking, Networking, Front Door and CDN, Access keys, Shared access signature, Encryption, Microsoft Defender for Cloud, Data management

Shared access signature

A shared access signature (SAS) is a URI that grants restricted access rights to Azure Storage resources. You can provide a shared access signature to clients who should not be trusted with your storage account key but whom you wish to delegate access to certain storage account resources. By distributing a shared access signature URI to these clients, you grant them access to a resource for a specified period of time.

An account-level SAS can delegate access to multiple storage services (i.e. blob, file, queue, table). Note that stored access policies are currently not supported for an account-level SAS.

Learn more about creating an account SAS

Allowed services: Blob, File, Queue, Table

Allowed resource types: Service, Container, Object

Allowed permissions: Read, Write, Delete, List, Add, Create, Update, Process, Immutable storage, Permanent delete

Blob versioning permissions: Enables deletion of versions

Allowed blob index permissions: Read/Write, Filter

Start and expiry date/time: Start 02/09/2026 4:51:20 PM, End 02/10/2026 1:06:20 AM

Allowed IP addresses: For example, 168.1.5.65 or 168.1.5.65-168.1.5.70

Allowed protocols: HTTPS only, HTTPS and HTTP

Preferred routing tier: Basic (default), Microsoft network routing, Internet routing

Some routing options are disabled because the endpoints are not published.

Signing key: key1

Generate SAS and connection string

29°C Mostly sunny | Search | Home | Microsoft Edge | File Explorer | Task View | Power User | Taskbar

Microsoft Azure | Upgrade | Search resources, services, and docs (G+) | Copilot | Help | Settings | Sign out

https://portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourceGroups/storage-rg/providers/Microsoft.Storage/storageAccounts/nandini

Storage center | Blob Storage | nandini

Storage account

Search | Summary | Resources

+ Create | Restore | ...

You are viewing a new version of Browse experience. Click here to access the old experience.

Name: shyamstg, nandini

Containers, File shares, Queues, Tables

Storage Mover, Partner solutions, Resource visualizer, Data storage, Security + networking, Networking, Front Door and CDN, Access keys, Shared access signature, Encryption, Microsoft Defender for Cloud, Data management

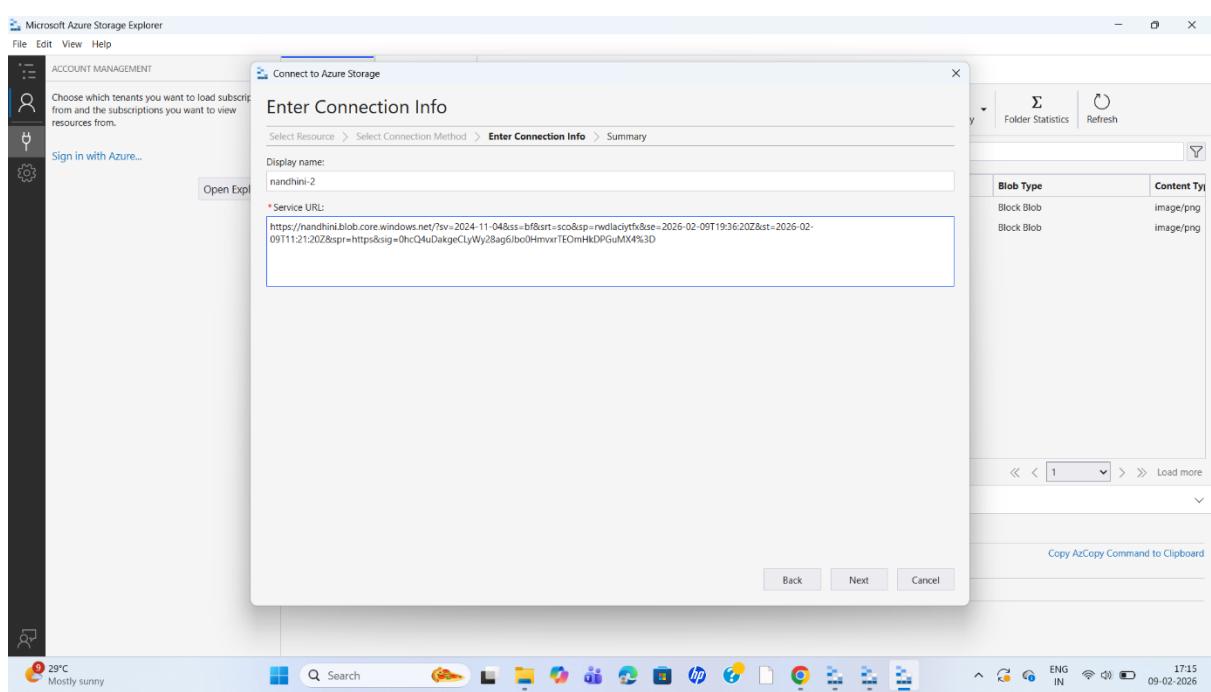
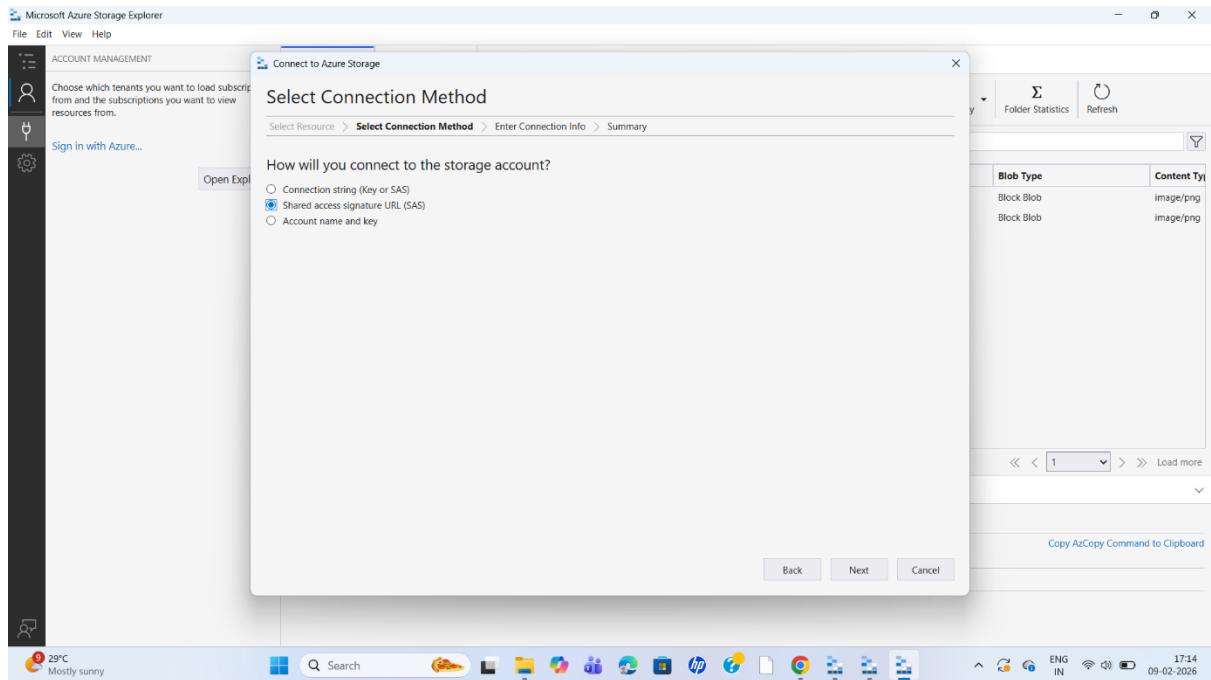
Shared access signature

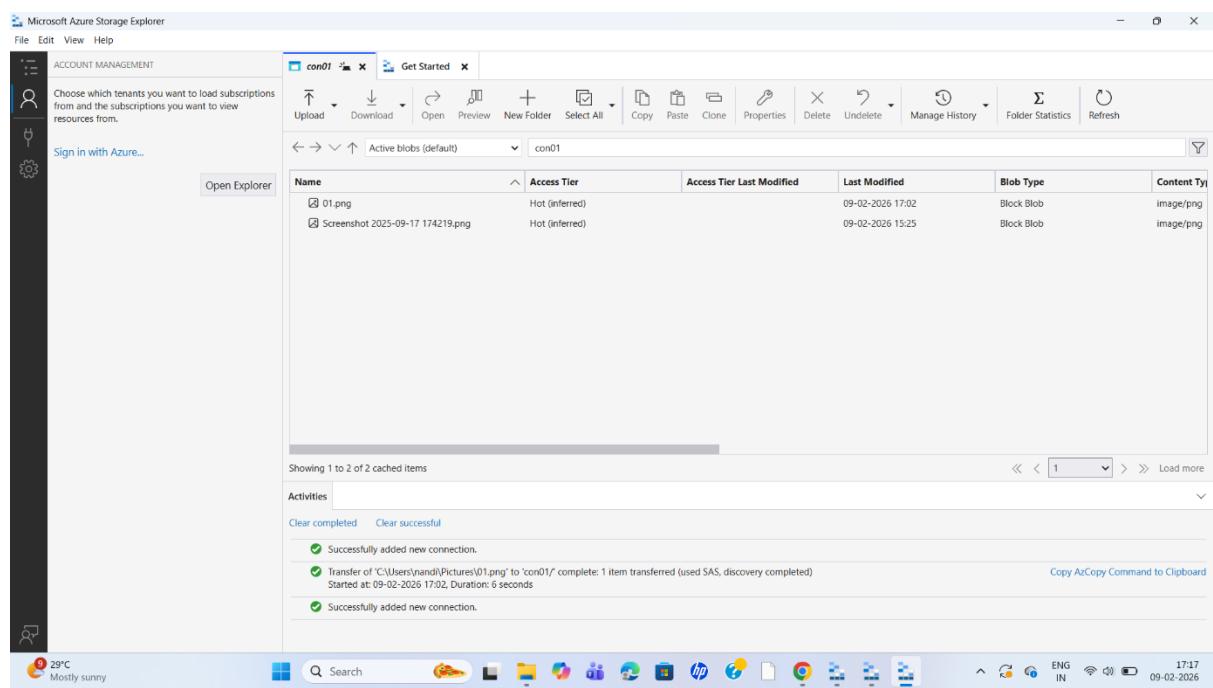
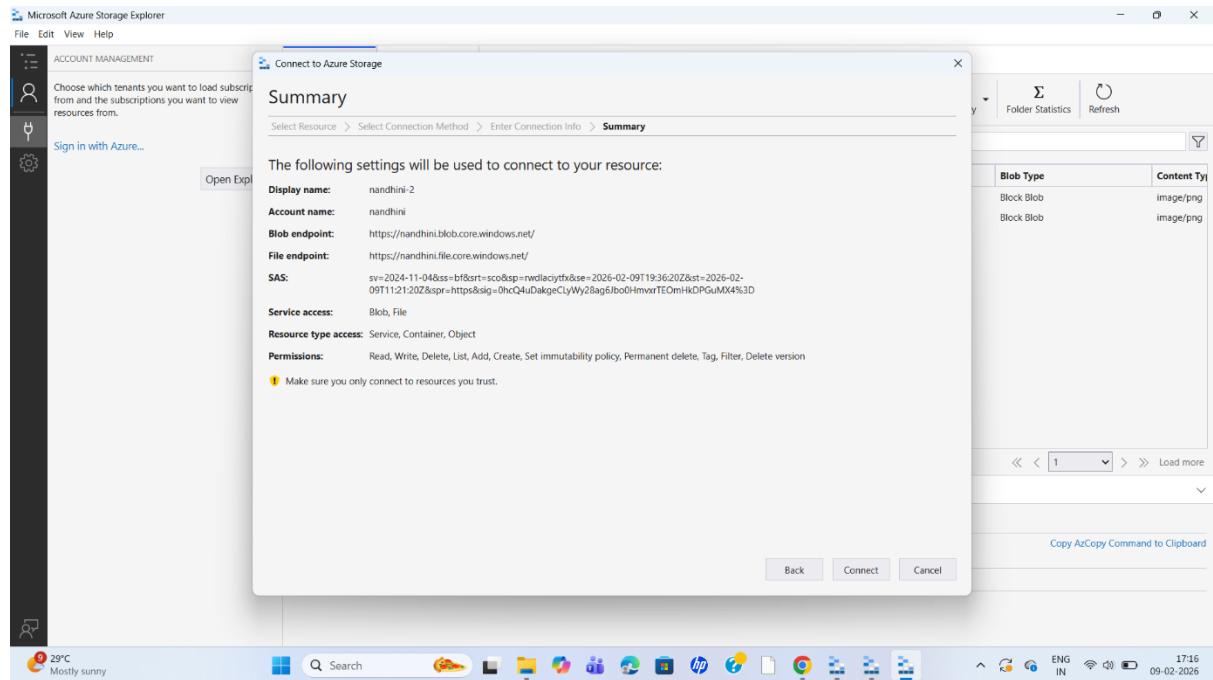
Start and expiry date/time: Start 02/09/2026 4:51:20 PM, End 02/10/2026 1:06:20 AM

Allowed blob index permissions: Read/Write, Filter

Generate SAS and connection string

29°C Mostly sunny | Search | Home | Microsoft Edge | File Explorer | Task View | Power User | Taskbar





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

https://portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourceGroups/storage-rg/providers/Microsoft.Storage/storageAccounts/nandhini

Storage center | Blob Storage < nandhini

Storage center | Blob Storage | Resources

You are viewing a new version of the experience. Click here to access the old experience.

Name: shyamltg, nandhini

Access Control (IAM)

Check access | Role assignments | Roles | Deny assignments | Classic administrators

My access

Check access

Grant access to this resource

Add role assignment

View access to this resource

View

Upcoming Earnings

Search

ENG IN 09-02-2026 17:19

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

https://portal.azure.com/#view/Microsoft\_Azure\_AD/AddRoleAssignmentsLandingBlade/scope/%2bsubscriptions%2Fa3107e0d-376f-4650-b383-aa7b2b3c0c9a%2fresourceGroups%2...

Home > Storage center | Blob Storage > nandhini | Access Control (IAM)

Add role assignment

Role Members Conditions Review + assign

A role definition is a collection of permissions. You can use the built-in roles or you can create your own custom roles. Learn more

Copilot can help pick a role

Job function roles

Privileged administrator roles

Grant access to Azure resources based on job function, such as the ability to create virtual machines.

storage reader

Type : All Category : All

Name	Description	Type	Category	Details
Reader	View all resources, but does not allow you to make any changes.	BuiltinRole	General	View
App Compliance Automation Reader	Allows read-only access to App Compliance Automation tool for Microsoft 365	BuiltinRole	None	View
Log Analytics Reader	Log Analytics Reader can view and search all monitoring data as well as and view monitoring settings, including viewing th...	BuiltinRole	Analytics	View
Monitoring Reader	Can read all monitoring data.	BuiltinRole	Monitor	View
Reader and Data Access	Lets you view everything but will not let you delete or create a storage account or contained resource. It will also allow rea...	BuiltinRole	Storage	View
Storage Blob Data Reader	Allows for read access to Azure Storage blob containers and data	BuiltinRole	Storage	View
Storage File Data Privileged Reader	Customer has read access on Azure Storage file shares.	BuiltinRole	None	View
Storage File Data SMB Share Reader	Allows for read access to Azure File Share over SMB	BuiltinRole	Storage	View

Review + assign Previous Next Feedback

Upcoming Earnings

Search

ENG IN 09-02-2026 17:21

Screenshot of the Microsoft Azure portal showing the 'Add role assignment' page. The URL is https://portal.azure.com/#view/Microsoft\_Azure\_AD/AddRoleAssignmentsLandingBlade/scope/%2fsubscriptions%2fa3107e0d-376f-4650-b383-aa7b2b3c0c9a%2fresourceGroups%2... . The user is logged in as lsko2026@outlook.com.

The page displays the 'Members' tab under 'Role'. The 'Selected role' is 'Storage Blob Data Reader'. The 'Assign access to' section shows 'User, group, or service principal' selected. The 'Members' section has a link to '+ Select members' and a note that 'No members selected'. A 'Description' field is present with the placeholder 'Optional'.

At the bottom, there are 'Review + assign', 'Previous', and 'Next' buttons, along with a 'Feedback' link.

Screenshot of the Microsoft Azure Storage Explorer application window. The title bar says 'Microsoft Azure Storage Explorer'.

The left sidebar shows 'ACCOUNT MANAGEMENT' with a 'Sign in with Azure...' button. The main area is titled 'Connect to Azure Storage' and shows a 'Summary' tab. It lists the following connection settings:

- Display name: nandini-2
- Account name: nandini
- Blob endpoint: https://nandini.blob.core.windows.net/
- File endpoint: https://nandini.file.core.windows.net/
- SAS: sr=2024-11-04&ss=bf&st=sco&sp=rwldaciytfx&se=2026-02-09T19:36:20Z&st=2026-02-09T12:21:20Z&spr=https&sig=0hcQ4uDakgiClyWy28ag5Ibo0ImvxrTEOmHxDPGuMX4%3D
- Service access: Blob, File
- Resource type access: Service, Container, Object
- Permissions: Read, Write, Delete, List, Add, Create, Set immutability policy, Permanent delete, Tag, Filter, Delete version

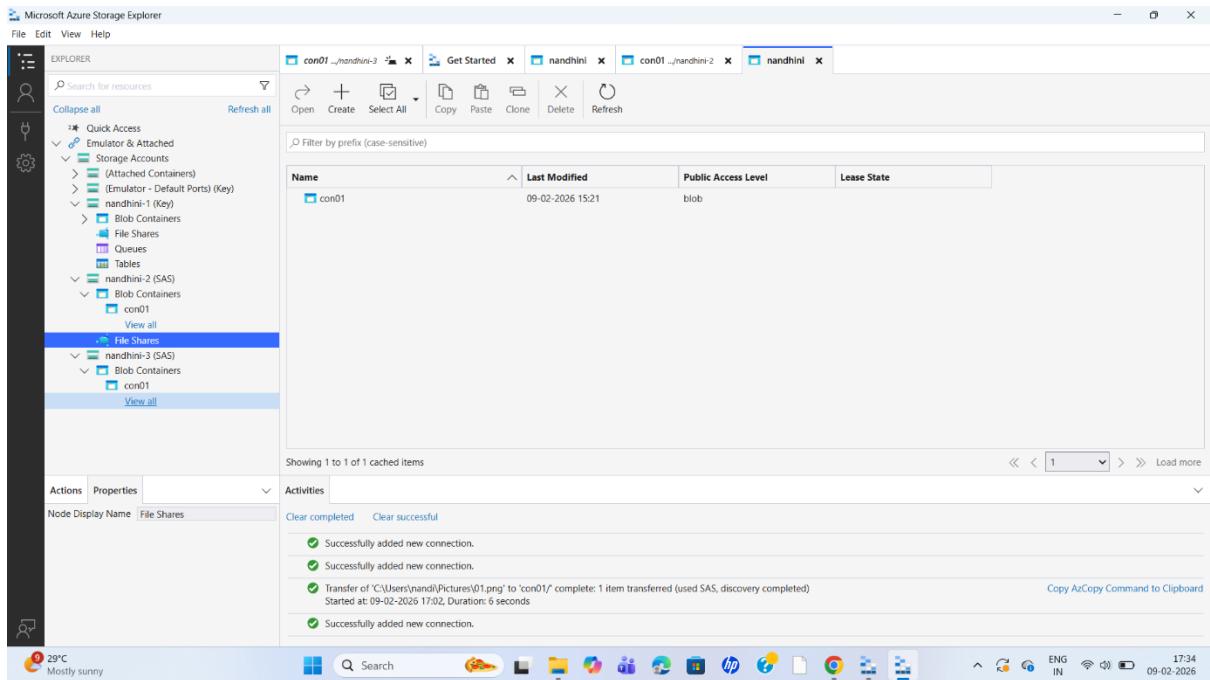
A note at the bottom says: '⚠ Make sure you only connect to resources you trust.'

On the right, there's a 'Folder Statistics' table:

Blob Type	Content Type
Block Blob	image/png
Block Blob	image/png

At the bottom, there are 'Back', 'Connect', and 'Cancel' buttons, along with a 'Copy AzCopy Command to Clipboard' link.

The taskbar at the bottom shows the Windows Start button, a search bar, and various pinned icons like File Explorer, Edge, and File History. The date and time are 09-02-2026, 17:16.



This screenshot shows the Microsoft Azure portal interface. The left sidebar is the 'Storage center | Blob Storage' menu. The main pane is titled 'nandhini | File shares' and shows a list of file shares: 'shyamstg' and 'nandhini'. On the right, there's a 'File share settings' section with options like 'Identity-based access: Not configured', 'Default share-level permissions: Disabled', and a 'File shares' table which is currently empty. The status bar at the bottom shows the date and time as 09-02-2026.

Screenshot of the Microsoft Azure portal showing the creation of a new file share named "cloud". The "Basics" tab is selected, showing settings like Name (cloud), Access tier (Transaction optimized), and Performance (Maximum IO/s: 20000, Maximum capacity: 100 TiB). A note about using SMB over port 445 is present.

Screenshot of the Microsoft Azure portal showing the details of the newly created "cloud" file share. The "Overview" section displays storage account (nandhini), resource group (storage\_rg), location (West US 3), and configuration details. The "Properties" section shows maximum storage (102400 GiB), used storage capacity (0 GiB), access tier (Transaction optimized), and feature status (Soft delete: Disabled, Large file shares: Enabled).

Screenshot of the Microsoft Azure portal showing the 'Edit quota' dialog for a file share.

**Edit quota**

Quota \*  GiB

Set to maximum

Primary/Secondary location : Primary: West US 3, Secondary: East US

Subscription (move) : Azure subscription 1

Subscription ID : a3107e0d-376f-4650-b383-aa7b2b3c0c9a

**Properties** Capabilities (2) Tutorials

**Size**

Maximum storage (GiB)	102400
Used storage capacity (GiB)	0
Access tier	Transaction optimized

**Feature status**

Soft delete	Disabled
Large file shares	Enabled

**Performance**

IOPS	Varies by region. <a href="#">Learn more</a>
Throughput (MiB/sec)	Varies by region. <a href="#">Learn more</a>

**Identity-based access**

Directory service	Not configured
Domain	-

**OK** **Cancel**

29°C Mostly sunny

Screenshot of the Microsoft Azure portal showing the 'New directory' dialog for a file share.

**New directory**

Name \*

Primary/Secondary location : Primary: West US 3, Secondary: East US

Subscription (move) : Azure subscription 1

Subscription ID : a3107e0d-376f-4650-b383-aa7b2b3c0c9a

**Properties** Capabilities (2) Tutorials

**Size**

Maximum storage (GiB)	102400
Used storage capacity (GiB)	0
Access tier	Transaction optimized

**Feature status**

Soft delete	Disabled
Large file shares	Enabled

**Performance**

IOPS	Varies by region. <a href="#">Learn more</a>
Throughput (MiB/sec)	Varies by region. <a href="#">Learn more</a>

**Identity-based access**

Directory service	Not configured
Domain	-

**OK** **Cancel**

29°C Mostly sunny

The screenshot shows the Microsoft Azure Storage center | Blob Storage interface. In the top navigation bar, there are several tabs including 'azure', 'Micro...', 'Netw...', 'azure', 'Micro...', 'Micro...', 'vm01', 'cloud', 'Screen', 'micro...', 'Azure'. The current page is 'https://portal.azure.com/#view/Microsoft\_Azure\_FileStorage/FileShareMenuBlade/~/overview/id%2fsubscriptions%2fa3107e0d-376f-4650-b383-aa7b2b3c0c9a%2fResourceGroups...'. The user is signed in as 'lskr2026@outlook.com'.

The main content area displays the 'New file share' blade for a file share named 'nandhini'. The 'Overview' tab is selected. Key details shown include:

- Storage account:** nandhini
- Resource group (move):** storage\_rg
- Location:** West US 3
- Primary/Secondary location:** Primary: West US 3, Secondary: East US
- Subscription (move):** Azure subscription 1
- Subscription ID:** a3107e0d-376f-4650-b383-aa7b2b3c0c9a

The 'Properties' tab is also visible, showing:

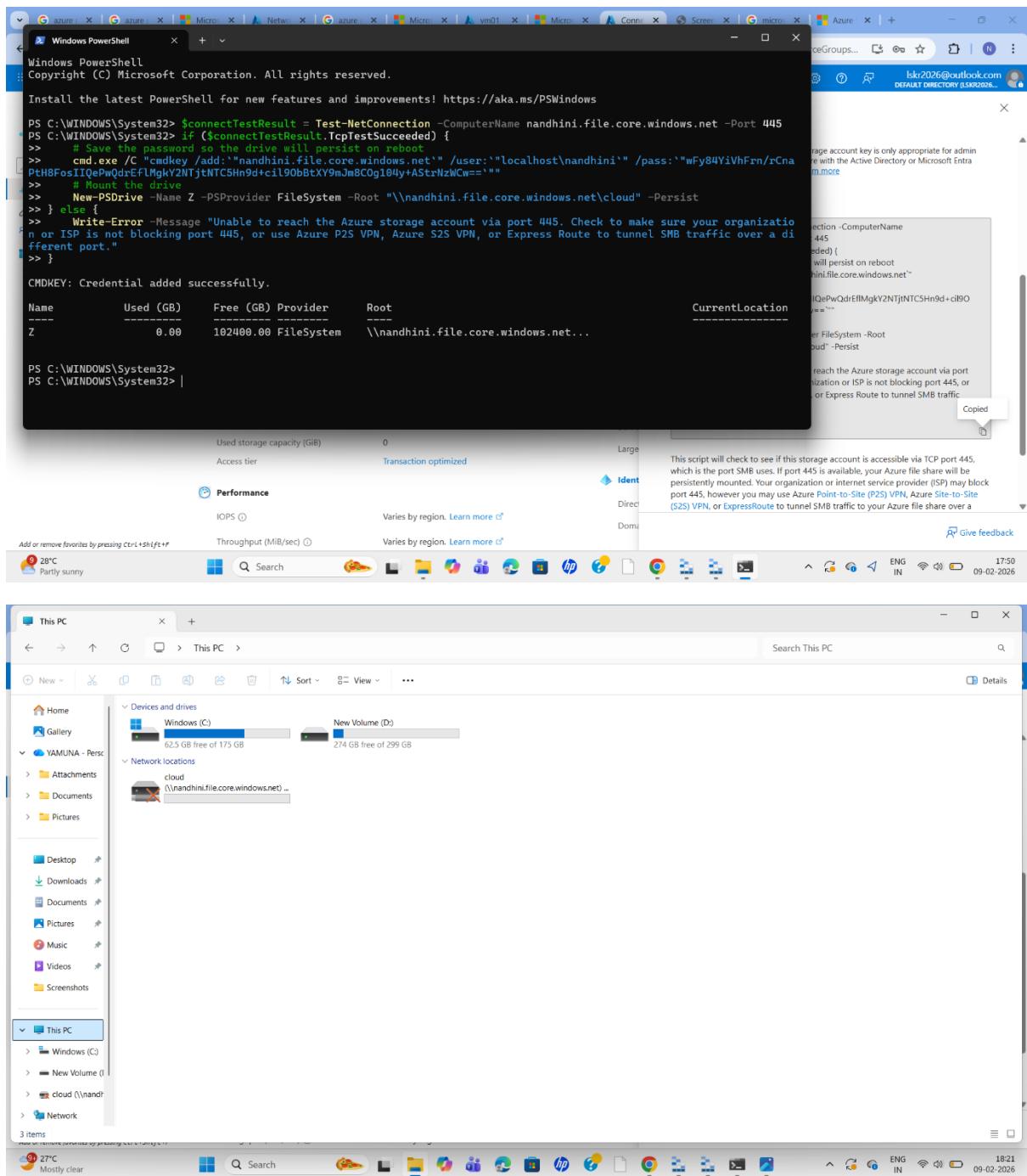
- Size:** Maximum storage (GiB): 102400, Used storage capacity (GiB): 0, Access tier: Transaction optimized.
- Performance:** IOPS (varies by region), Throughput (MiB/sec) (varies by region).
- Feature status:** Soft delete (Disabled), Large file shares (Enabled).
- Identity-based access:** Directory service (Not configured), Domain (-).

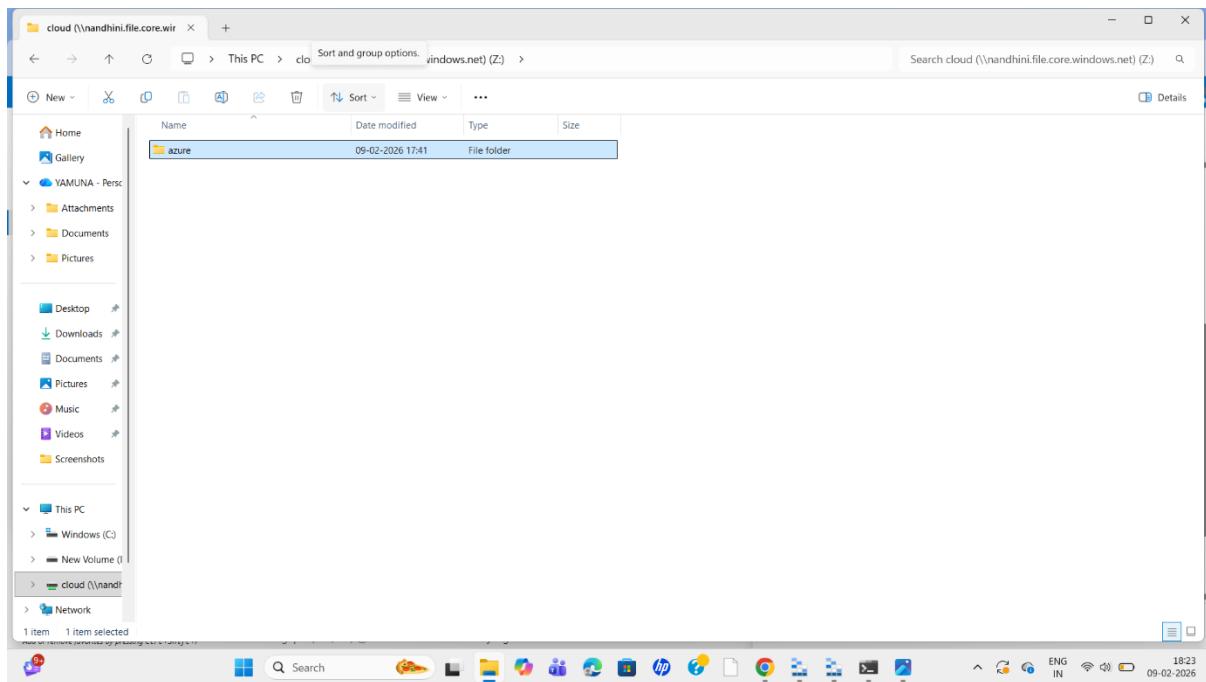
At the bottom of the blade, there are buttons for 'Connect', 'Upload', 'Refresh', 'Add directory', 'Delete share', 'Change tier', 'Edit quota', and 'Give feedback'.

This screenshot is identical to the one above, but the 'Connect' panel is open on the right side of the screen. The 'Connect' panel provides instructions for connecting to the Azure file share from Windows using PowerShell commands. It includes fields for 'Drive letter' (set to 'Z') and 'Authentication method' (with 'Storage account key' selected). A 'Show Script' button is available to generate the PowerShell command.

The 'Connect' panel also contains a note about port 445 and alternative connection methods like Azure Point-to-Site (P2S) VPN or ExpressRoute. It also mentions that the script will only work on Windows Server 2012 and above.

At the bottom of the blade, there are buttons for 'Connect', 'Upload', 'Refresh', 'Add directory', 'Delete share', 'Change tier', 'Edit quota', and 'Give feedback'.





A screenshot of the Microsoft Azure Storage center interface. The URL in the browser is 'https://portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourceGroups/storage-rg/providers/Microsoft.StorageAccounts/nandini'. The page title is 'Storage center | Blob Storage' under the account 'nandini'. On the left, there's a navigation menu with sections like Overview, All storage resources, Object storage, File storage, Block storage, Data management, Migration, Partner solutions, and Data management and compliance. The main pane shows a list of queues under the heading 'nandini | Queues'. One queue is listed: 'nandhu' with the URL 'https://nandini.queue.core.windows.net/nandhu'. The taskbar at the bottom is identical to the one in the previous screenshot.

Screenshot of the Microsoft Azure Storage center | Blob Storage interface showing the creation of a storage table named 'nandhu'.

The left sidebar shows navigation options like Overview, All storage resources, Object storage, File storage, Block storage, Data management, Migration, and Partner solutions.

The main area displays the 'nandhini | Tables' page for the 'nandhini' storage account. It includes a search bar, a toolbar with Create, Refresh, Delete, and Give feedback buttons, and a message indicating the successful creation of the storage table.

The table list shows one entry: 'nandhu' with a URL: <https://nandhu.table.core.windows.net/nandhu>.

The status bar at the bottom shows system information: ENG IN, 18:26, and 09-02-2026.