

Prerna Singh

Day-5

Emp Code- 654870

AZURE Storage

Microsoft Azure

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

Shellunext_1693422686...
UNEXT (NPUNEXT.ONMICROSOFT...)

Home > Storage accounts >

Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview

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 *

npunext-1680261359210

Resource group *

(New) azurerg

[Create new](#)

Instance details

Review

< Previous

Next : Advanced >

Give feedback

Microsoft Azure

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

Shellunext_1693422686...
UNEXT (NPUNEXT.ONMICROSOFT...)

Home >

prernastorage_1693801200959 | Overview

Deployment

Search

DeleteCancelRedeployDownloadRefresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: prernastorage_169...

Subscription: npunext-1680261359210

Resource group: azurerg

Start time: 9/4/2023, 9:50:23 AM

Correlation ID: 0cc05498-a308-45a8-a5c4-9f1d9b4

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.

Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

Free Microsoft tutorials

Start learning today >

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.

Creating a container-

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user profile 'Shellunext_1693422686...'. The breadcrumb trail is 'Home > prernastorage_1693801200959 | Overview > prernastorage'. The main heading is 'prernastorage | Containers', with 'prernastorage' identified as a 'Storage account'. On the left, a sidebar lists various services under categories like 'Data storage' (Containers, File shares, Queues, Tables) and 'Security + networking'. The main content area features a search bar, a '+ Container' button, and a table of containers. The table has columns for 'Name', 'Last modified', 'Anonymous access level', and 'Lease state'. Two containers are listed: '\$logs' and 'prernacont', both with 'Private' access and 'Available' lease state. A 'Show deleted containers' toggle is present.

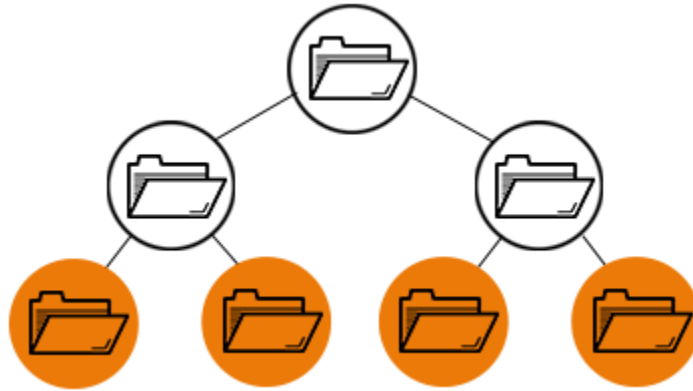
Name	Last modified	Anonymous access level	Lease state
<input type="checkbox"/> \$logs	9/4/2023, 9:50:53 AM	Private	Available
<input type="checkbox"/> prernacont	9/4/2023, 10:04:40 AM	Private	Available

The screenshot shows the Microsoft Azure portal interface for a specific container named 'prernacont'. The breadcrumb trail is 'Home > prernastorage_1693801200959 | Overview > prernastorage | Containers > prernacont'. The main heading is 'prernacont | Overview', with 'prernacont' identified as a 'Container'. The left sidebar lists options like 'Overview', 'Diagnose and solve problems', 'Access Control (IAM)', and 'Settings'. The main content area includes a search bar, an 'Upload' button, and a table of blobs. A notification banner at the top right states 'Successfully uploaded blob(s)'. The table has columns for 'Name', 'Modified', 'Access tier', 'Archive status', and 'Blob type'. One blob is listed: 'AzureStorage.txt', modified on 9/4/2023 at 10:12:53 AM, with a 'Hot (Inferred)' access tier and 'Block blob' type. An 'Add filter' button is also visible.

Name	Modified	Access tier	Archive status	Blob type
<input type="checkbox"/> AzureStorage.txt	9/4/2023, 10:12:53 AM	Hot (Inferred)		Block blob

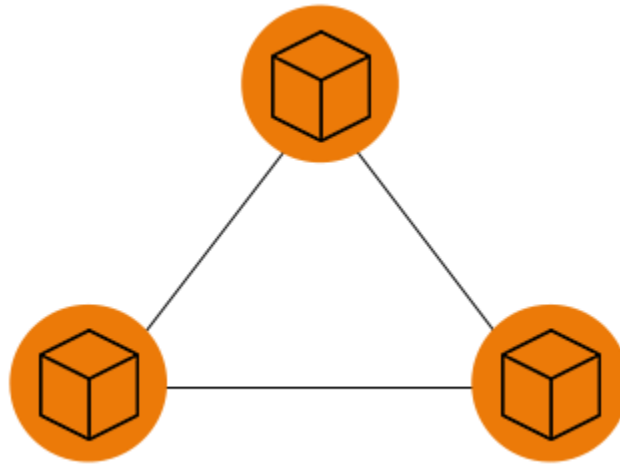
File storage

It is a data stored as a single piece of info inside a folder just like we organize pieces of paper inside a folder.



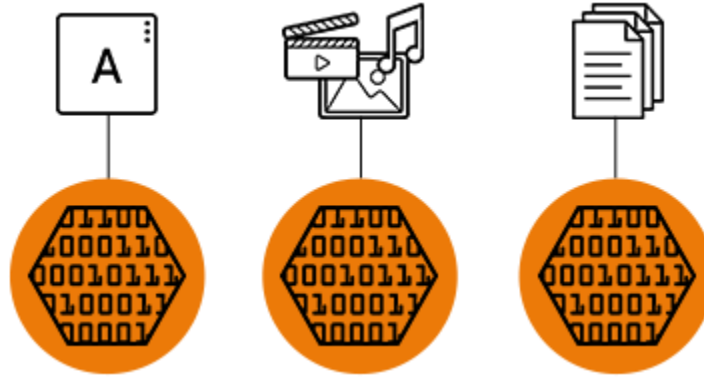
Blob storage

Chops data into blob and stores them as separate pieces, each block of data is given a unique identifier, which allows a storage system to place a smaller piece of data wherever it is more convenient.



Object storage

Object storage, also known as object-based storage, is a flat structure in which files are broken into pieces and spread out among hardware. In object storage, the data is broken into discrete units called objects and is kept in a single repository, instead of being kept as files in folders or as blocks on servers.



It requires a simple http application programming interface(api) which is used by most clients in all languages.

Azure storage offers different access tiers so that you can store your blob data in cost effective manner.

Azure storage access tiers include-

- **Hot tier** - An online tier optimized for storing data that is accessed or modified frequently. The hot tier has the highest storage costs, but the lowest access costs.
- **Cool tier** - An online tier optimized for storing data that is infrequently accessed or modified. Data in the cool tier should be stored for a minimum of **30** days. The cool tier has lower storage costs and higher access costs compared to the hot tier.
- **Cold tier** - An online tier optimized for storing data that is infrequently accessed or modified. Data in the cold tier should be stored for a minimum of **90** days. The cold tier has lower storage costs and higher access costs compared to the cool tier.
- **Archive tier** - An offline tier optimized for storing data that is rarely accessed, and that has flexible latency requirements, on the order of hours. Data in the archive tier should be stored for a minimum of 180 days.

Microsoft Azure

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

Shellunext_1693422686...
UNEXT (NPUNEXT.ONMICROSOFT...)

Home > premnastorage | Static website >

\$web

Container

Search

Upload

Change access level

Refresh

Delete

Change tier

Acquire lease

Break lease

View snapshots

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Access policy

Properties

Metadata

Editor (preview)

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

Location: \$web


Search blobs by prefix (case-sensitive)

Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type
<input type="checkbox"/> css				
<input type="checkbox"/> fonts				
<input type="checkbox"/> images				
<input type="checkbox"/> js				
<input type="checkbox"/> about.html	9/4/2023, 2:24:40 PM	Hot (Inferred)		Block blob
<input type="checkbox"/> contact.html	9/4/2023, 2:24:40 PM	Hot (Inferred)		Block blob
<input type="checkbox"/> index.html	9/4/2023, 2:24:40 PM	Hot (Inferred)		Block blob
<input type="checkbox"/> searvices.html	9/4/2023, 2:24:40 PM	Hot (Inferred)		Block blob
<input type="checkbox"/> shop.html	9/4/2023, 2:24:40 PM	Hot (Inferred)		Block blob

← ↻ 🔒 https://premnastorage.z13.web.core.windows.net



MICROO

Login

The Air Mic

There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you

Book Now

