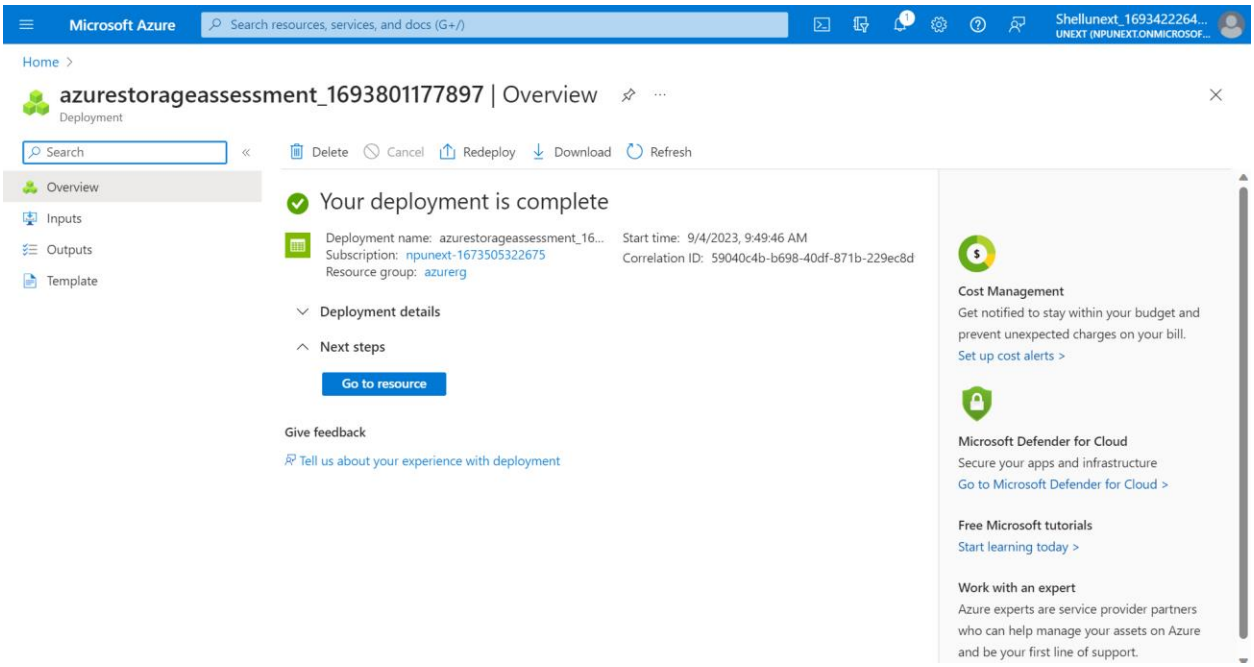
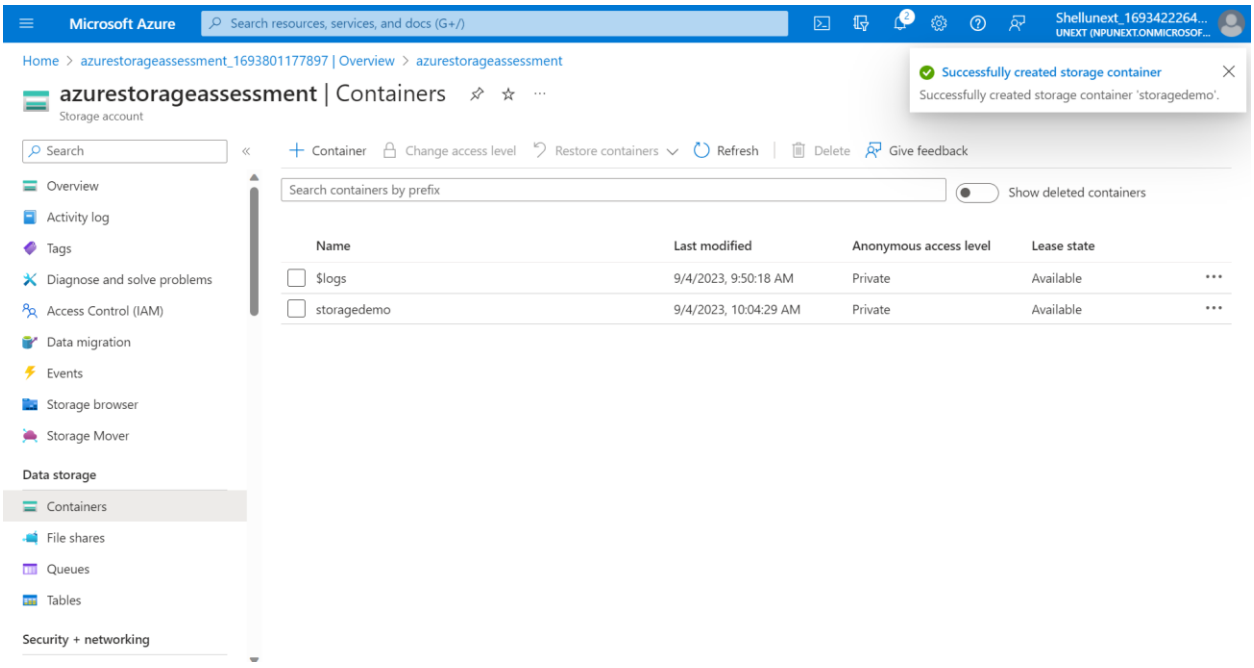
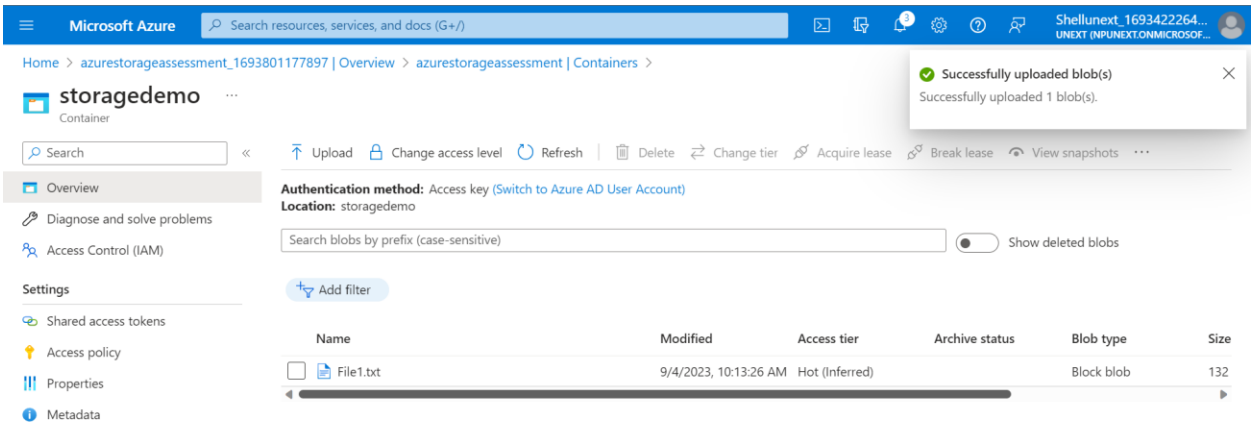
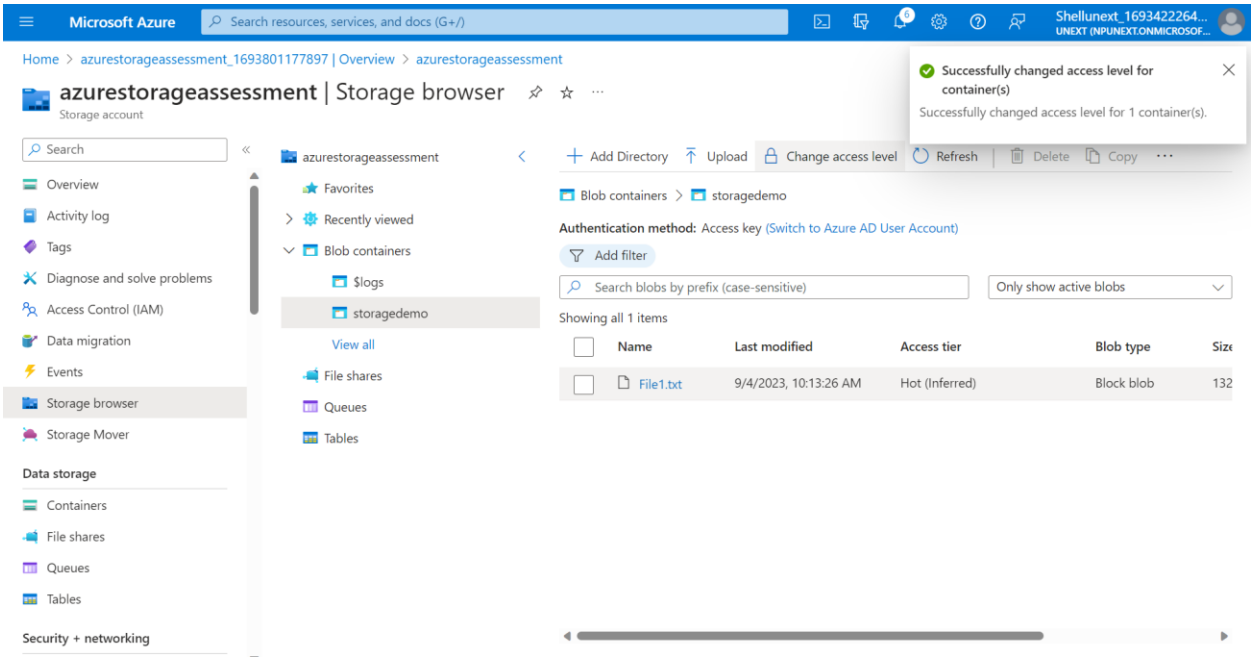
AZURE STORAGE

Create storage account and upload file:

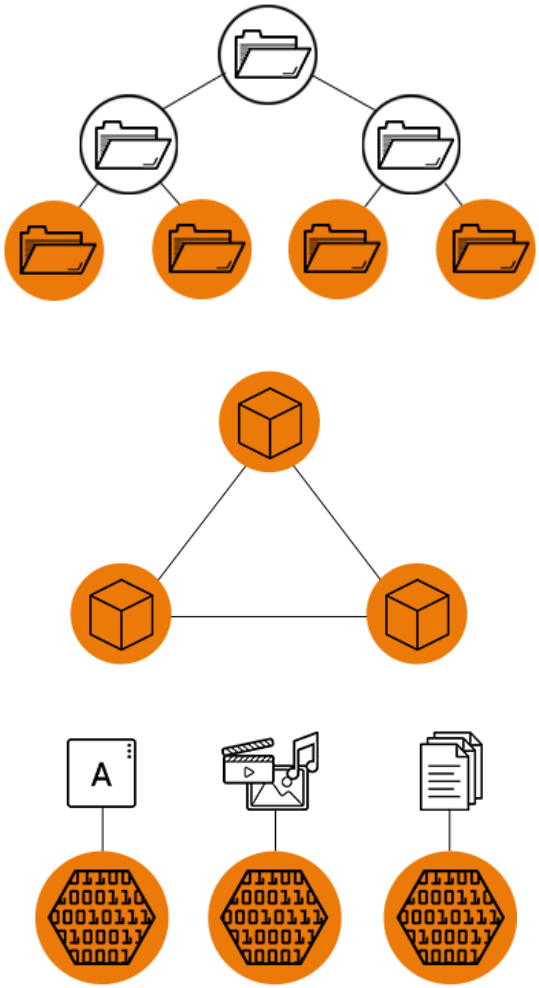





Microsoft Azure
Search resources, services, and docs (G+/)
Shellunext_1693422264...
UNEXT (NPUNEXT.ONMICROSOF...
Home > azurestorageassessment_1693801177897 | Overview > azurestorageassessment | Containers >
storagedemo
Container
Successfully uploaded blob(s)
Successfully uploaded 1 blob(s).
Search
Upload
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
Authentication method: Access key (Switch to Azure AD User Account)
Location: storagedemo
Search blobs by prefix (case-sensitive)
Show deleted blobs
Add filter
Name
Modified
Access tier
Archive status
Blob type
Size
File1.txt
9/4/2023, 10:13:26 AM
Hot (Inferred)
Block blob
132


Microsoft Azure
Search resources, services, and docs (G+/)
Shellunext_1693422264...
UNEXT (NPUNEXT.ONMICROSOF...
Home > azurestorageassessment_1693801177897 | Overview > azurestorageassessment
azurestorageassessment | Storage browser
Storage account
Successfully changed access level for container(s)
Successfully changed access level for 1 container(s).
Search
Overview
Activity log
Tags
Diagnose and solve problems
Access Control (IAM)
Data migration
Events
Storage browser
Storage Mover
Data storage
Containers
File shares
Queues
Tables
Security + networking
azurestorageassessment
Favorites
Recently viewed
Blob containers
$logs
storagedemo
View all
File shares
Queues
Tables
Add Directory
Upload
Change access level
Refresh
Delete
Copy
Blob containers > storagedemo
Authentication method: Access key (Switch to Azure AD 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
File1.txt
9/4/2023, 10:13:26 AM
Hot (Inferred)
Block blob
132

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.



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.

Azure queue storage is service for storing large number of messages from anywhere in the world via authenticated calls using http / https . a que message can be upto 64 kb oin size . que can contain million of messages . commonly used to create a backlog of work to process asynchronously.

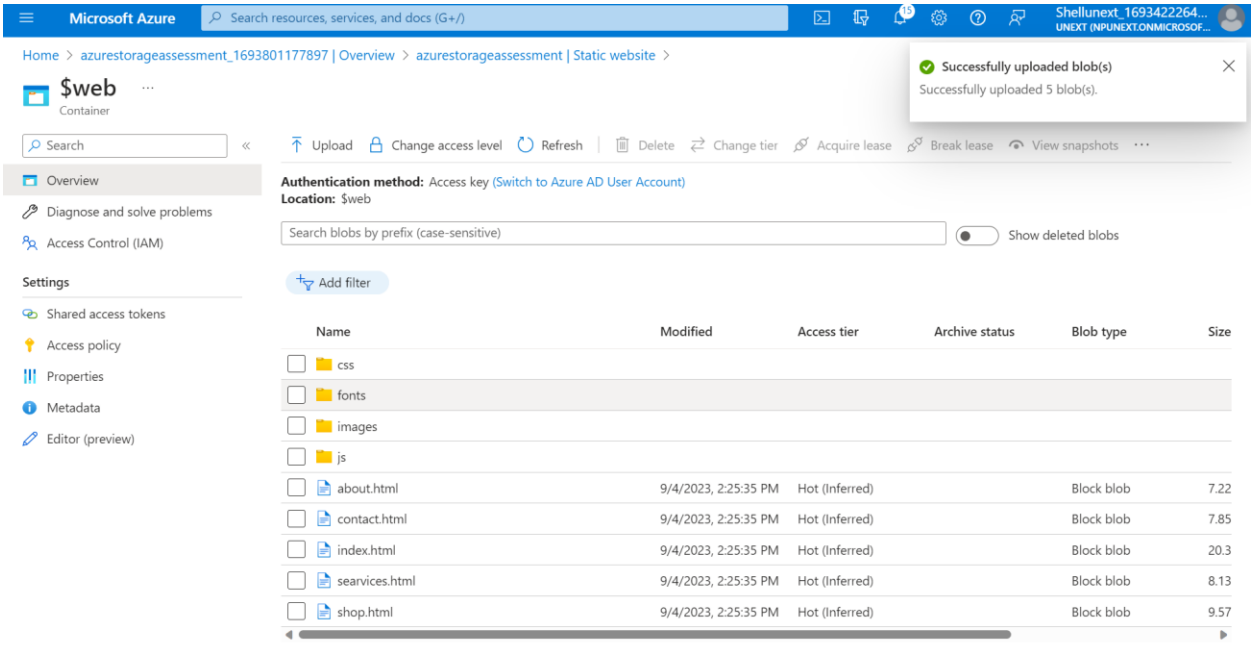
Azure Cosmos DB vs Azure Storage: What are the differences?

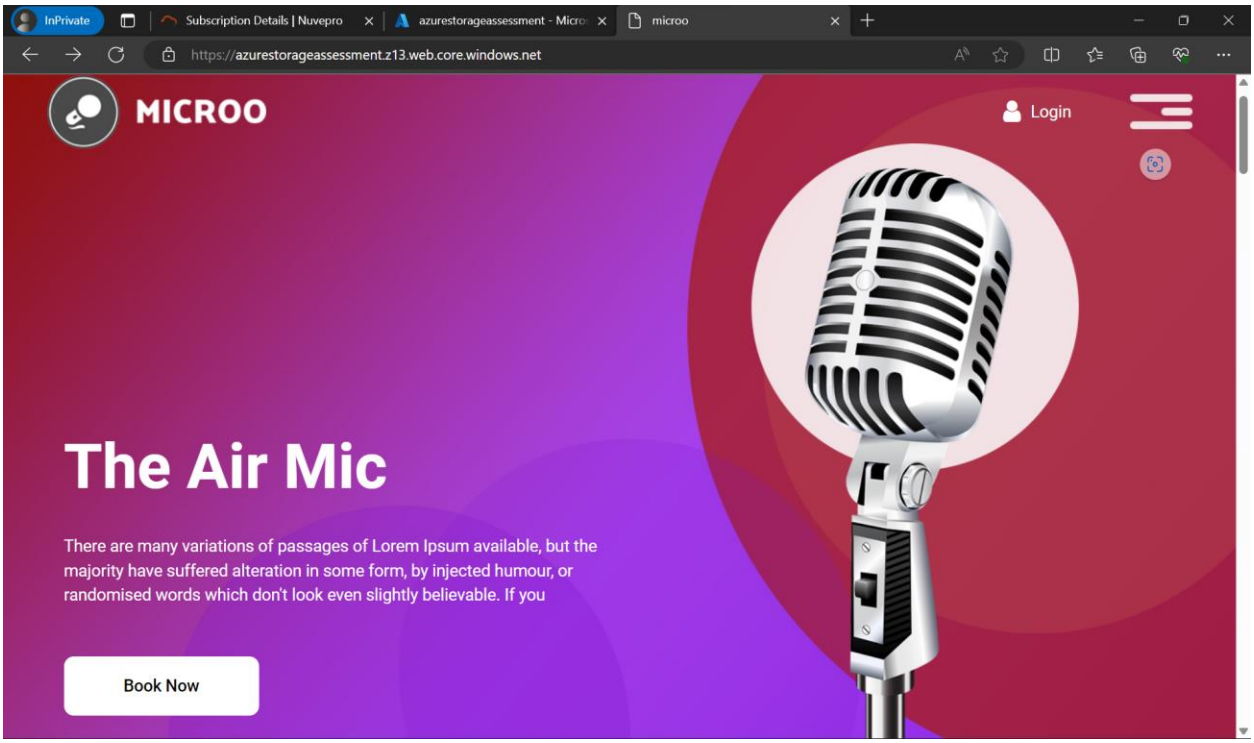
Azure Cosmos DB and Azure Storage are cloud-based storage services. They differ in terms of their data models, scalability, querying capabilities, and storage options. Here are the key differences between them:

1. **Data Model:** Azure Cosmos DB is a globally distributed, multi-model database service that supports various data models, including key-value, document, columnar, and graph. Azure Storage, on the other hand, primarily offers a simple object storage service with a key-value data model. It is designed for storing unstructured data such as blobs, files, queues, and tables.
2. **Scalability:** Azure Cosmos DB is built for global scalability and can automatically scale throughput and storage across multiple regions. It offers elastic scalability with fine-grained control over performance and cost. Azure Storage also provides scalability, but it requires manual configuration and management of storage accounts and blob containers to handle increased load. Scaling Azure Storage may involve sharding data across multiple storage accounts.
3. **Querying Capabilities:** Azure Cosmos DB supports rich query capabilities across various data models. It provides a SQL-like query language called SQL API for querying JSON documents. It also supports other APIs like Gremlin for graph data and MongoDB API for document-oriented querying. Azure Storage, on the other hand, does not offer built-in query capabilities. Retrieving data from Azure Storage typically involves directly accessing the stored objects using their unique keys.
4. **Storage Options:** Azure Cosmos DB provides storage for application data, along with built-in features like automatic indexing, data partitioning, and replication. It is a fully managed service that abstracts away the underlying storage implementation. Azure Storage, on the other hand, offers different types of storage options, including Blob storage for large object data, Queue storage for messaging, Table storage for structured NoSQL data, and File storage for file shares.

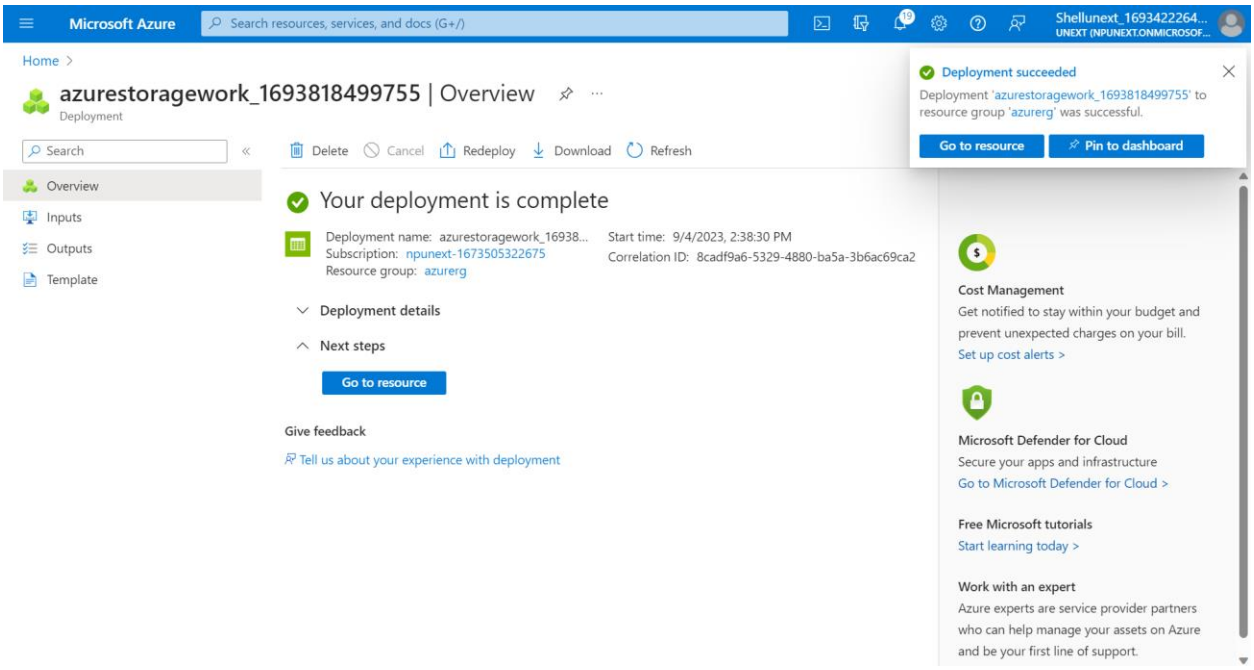
5. **Consistency Models:** Azure Cosmos DB offers multiple consistency models, allowing developers to choose the desired level of data consistency based on their application requirements. It provides options like strong consistency, bounded staleness, session consistency, and eventual consistency. Azure Storage, on the other hand, primarily provides eventual consistency for read operations. It may take some time for changes made to Azure Storage to propagate across different regions.

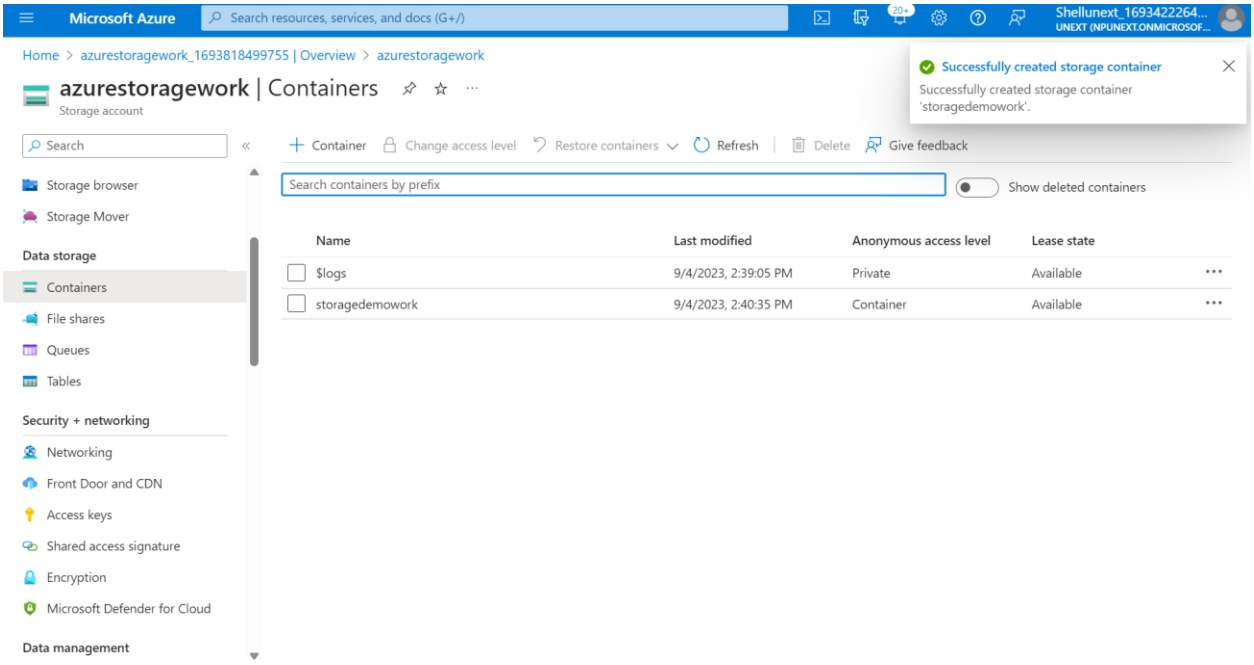
Static Website:

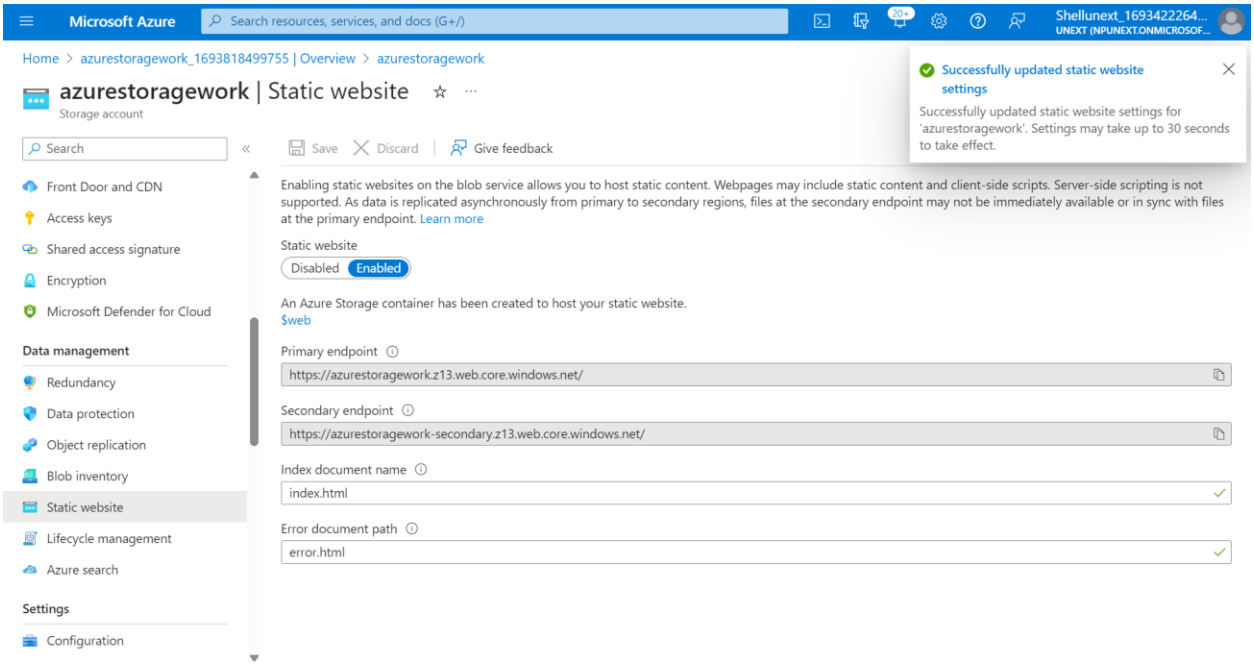


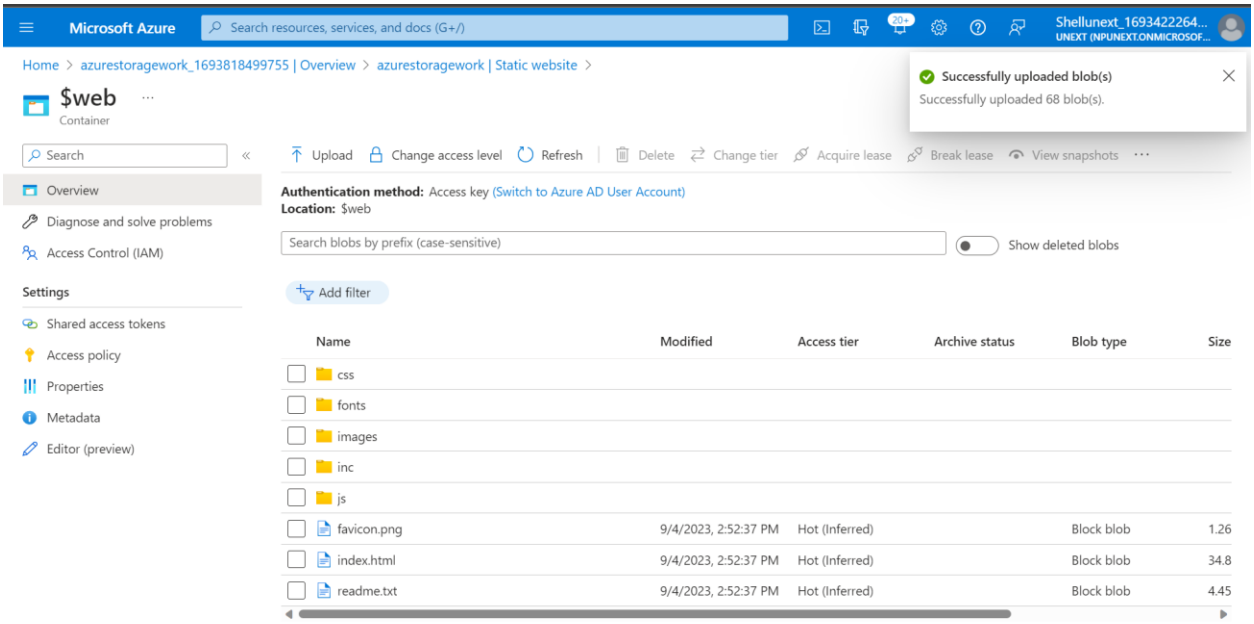

InPrivate
Subscription Details | Nuvepro
azurestorageassessment - Micro
microo
https://azurestorageassessment.z13.web.core.windows.net
MICROO
Login
The Air Mic
There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you
Book Now

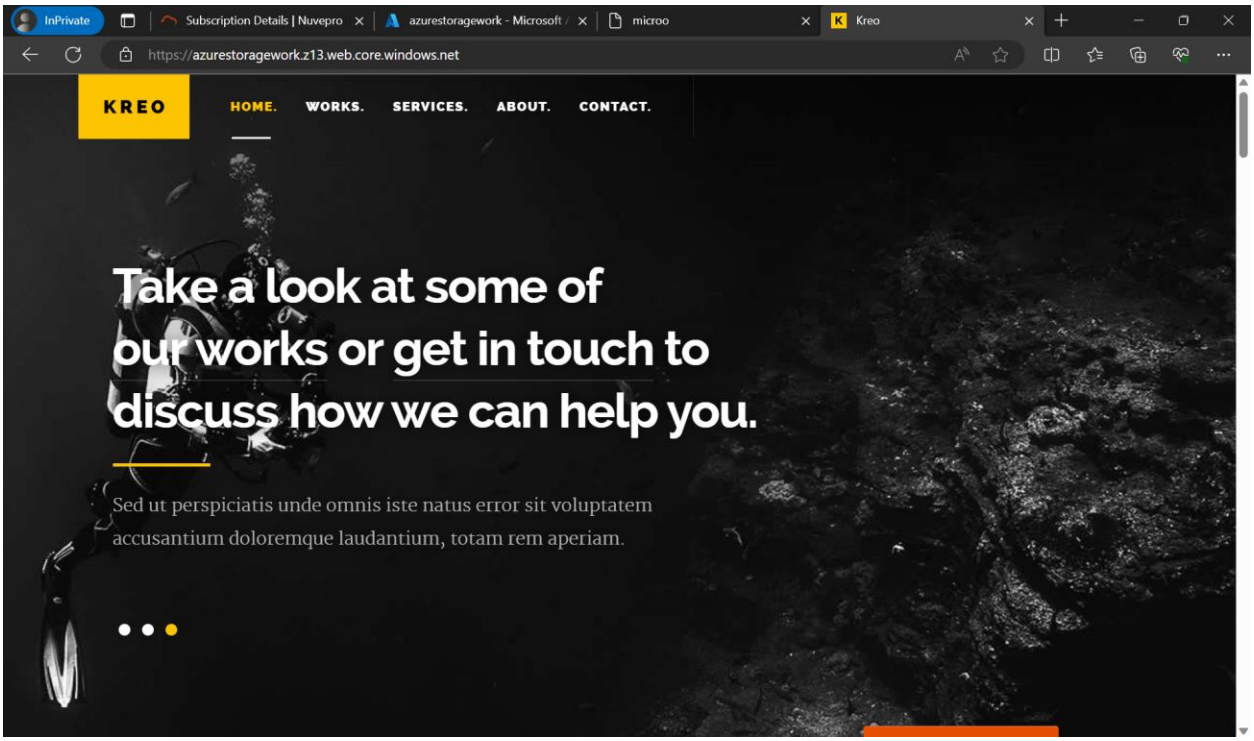
Activity:


Microsoft Azure
Search resources, services, and docs (G+/)
Shellunext_1693422264...
UNEXT (NPUNEXT.ONMICROSOF...
Home
azurestoragework_1693818499755 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Deployment succeeded
Deployment 'azurestoragework_1693818499755' to resource group 'azurerg' was successful.
Go to resource
Pin to dashboard
Your deployment is complete
Deployment name: azurestoragework_16938...
Subscription: npunext-1673505322675
Resource group: azurerg
Start time: 9/4/2023, 2:38:30 PM
Correlation ID: 8cadf9a6-5329-4880-ba5a-3b6ac69ca2
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.

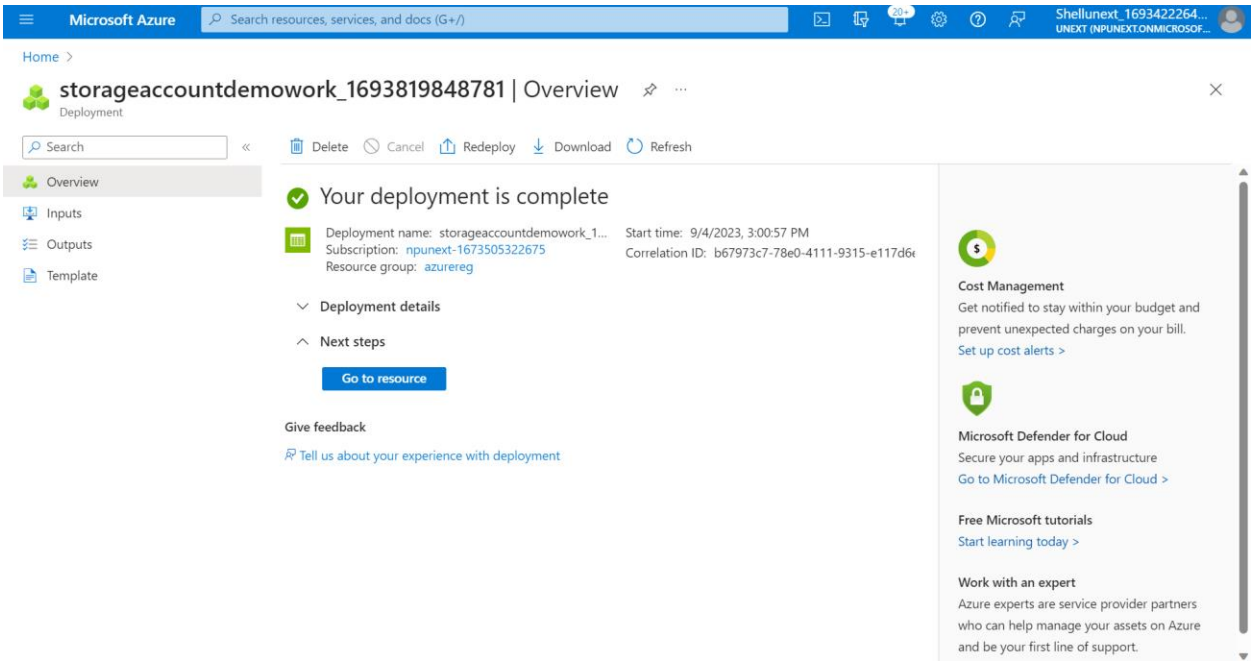

Microsoft Azure
Search resources, services, and docs (G+/)
Shellunext_1693422264...
UNEXT (NPUNEXT.ONMICROSOF...
Home > azurestoragework_1693818499755 | Overview > azurestoragework
azurestoragework | Containers
Storage account
Successfully created storage container
Successfully created storage container 'storagedemowork'.
Search
Container
Change access level
Restore containers
Refresh
Delete
Give feedback
Storage browser
Storage Mover
Search containers by prefix
Show deleted containers
Data storage
Containers
File shares
Queues
Tables
Name
Last modified
Anonymous access level
Lease state
$logs
9/4/2023, 2:39:05 PM
Private
Available
storagedemowork
9/4/2023, 2:40:35 PM
Container
Available
Security + networking
Networking
Front Door and CDN
Access keys
Shared access signature
Encryption
Microsoft Defender for Cloud
Data management

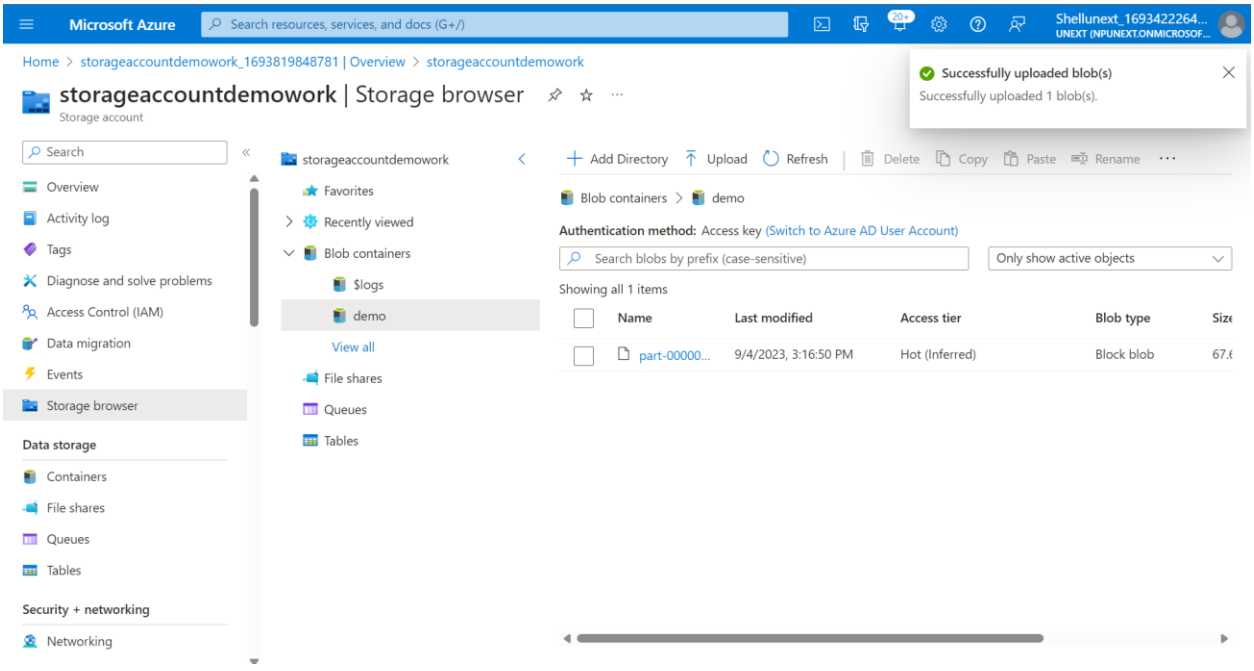

Microsoft Azure
Search resources, services, and docs (G+/)
Shellunext_1693422264...
UNEXT (NPUNEXT.ONMICROSOF...
Home > azurestoragework_1693818499755 | Overview > azurestoragework
azurestoragework | Static website
Storage account
Successfully updated static website settings
Successfully updated static website settings for 'azurestoragework'. Settings may take up to 30 seconds to take effect.
Search
Save
Discard
Give feedback
Front Door and CDN
Access keys
Shared access signature
Encryption
Microsoft Defender for Cloud
Enabling static websites on the blob service allows you to host static content. Webpages may include static content and client-side scripts. Server-side scripting is not supported. As data is replicated asynchronously from primary to secondary regions, files at the secondary endpoint may not be immediately available or in sync with files at the primary endpoint. Learn more
Static website
Disabled
Enabled
An Azure Storage container has been created to host your static website.
$web
Data management
Redundancy
Data protection
Object replication
Blob inventory
Static website
Lifecycle management
Azure search
Primary endpoint
https://azurestoragework.z13.web.core.windows.net/
Secondary endpoint
https://azurestoragework-secondary.z13.web.core.windows.net/
Index document name
index.html
Error document path
error.html
Settings
Configuration



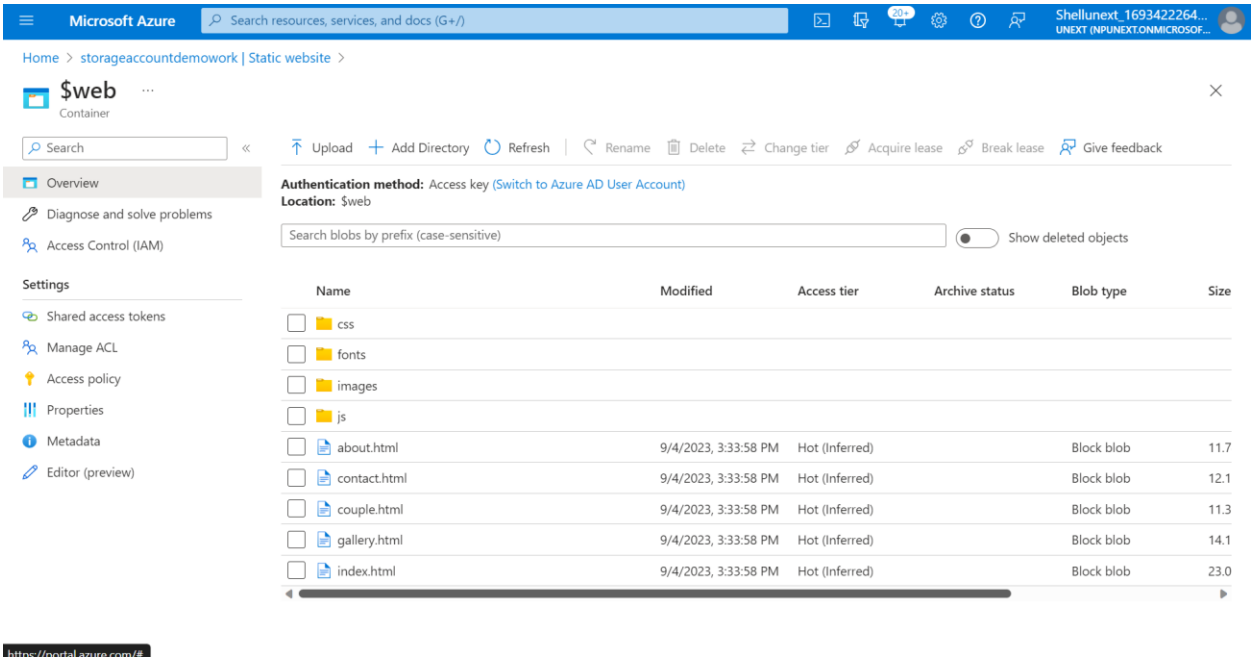


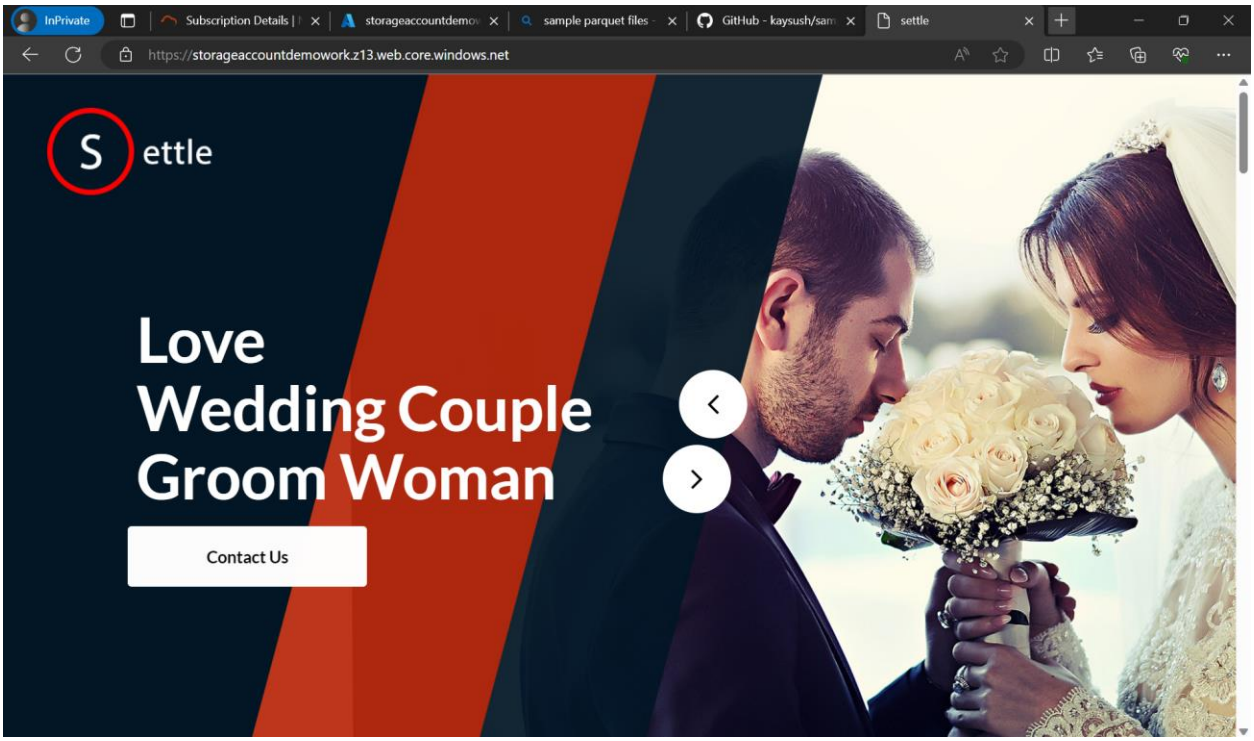
Creating Azure Data Lake Gen-2 Storage:


Microsoft Azure
Search resources, services, and docs (G+/)
Shellunext_1693422264...
UNEXT (NPUNEXT.ONMICROSOF...
Home
storageaccountdemowork_1693819848781 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Your deployment is complete
Deployment name: storageaccountdemowork_1...
Subscription: npunext-1673505322675
Resource group: azurereg
Start time: 9/4/2023, 3:00:57 PM
Correlation ID: b67973c7-78e0-4111-9315-e117d6
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.


Microsoft Azure
Search resources, services, and docs (G+/)
Shellunext_1693422264...
UNEXT (NPUNEXT.ONMICROSOF...
Home > storageaccountdemowork_1693819848781 | Overview > storageaccountdemowork
storageaccountdemowork | Storage browser
Storage account
Successfully uploaded blob(s)
Successfully uploaded 1 blob(s).
Search
Overview
Activity log
Tags
Diagnose and solve problems
Access Control (IAM)
Data migration
Events
Storage browser
Data storage
Containers
File shares
Queues
Tables
Security + networking
Networking
storageaccountdemowork
Favorites
Recently viewed
Blob containers
$logs
demo
View all
File shares
Queues
Tables
Add Directory
Upload
Refresh
Delete
Copy
Paste
Rename
Blob containers > demo
Authentication method: Access key (Switch to Azure AD User Account)
Search blobs by prefix (case-sensitive)
Only show active objects
Showing all 1 items
Name
Last modified
Access tier
Blob type
part-00000...
9/4/2023, 3:16:50 PM
Hot (Inferred)
Block blob

Activity:


Microsoft Azure
Search resources, services, and docs (G+/)
Shellunext_1693422264...
UNEXT (NPUNEXT.ONMICROSOF...
Home > storageaccountdemowork | Static website >
$web
Container
Search
Overview
Diagnose and solve problems
Access Control (IAM)
Settings
Shared access tokens
Manage ACL
Access policy
Properties
Metadata
Editor (preview)
Upload
Add Directory
Refresh
Rename
Delete
Change tier
Acquire lease
Break lease
Give feedback
Authentication method: Access key (Switch to Azure AD User Account)
Location: $web
Search blobs by prefix (case-sensitive)
Show deleted objects
Name
Modified
Access tier
Archive status
Blob type
Size
css
fonts
images
js
about.html 9/4/2023, 3:33:58 PM Hot (Inferred) Block blob 11.7
contact.html 9/4/2023, 3:33:58 PM Hot (Inferred) Block blob 12.1
couple.html 9/4/2023, 3:33:58 PM Hot (Inferred) Block blob 11.3
gallery.html 9/4/2023, 3:33:58 PM Hot (Inferred) Block blob 14.1
index.html 9/4/2023, 3:33:58 PM Hot (Inferred) Block blob 23.0


InPrivate
Subscription Details |
storageaccountdemo
sample parquet files
GitHub - kaysush/sam
settle
https://storageaccountdemowork.z13.web.core.windows.net
Settle
Love
Wedding Couple
Groom Woman
Contact Us