Storage

Storage

Azure Blob Storage	Azure Files	Azure Queue Storage	Azure Table Storage

- Storage of massive amounts of unstructured data
- Types: Block-Blobs, append-blobs, page-blobs
- Used for texts, binary data, images, videos, backups
- Access tiers:
    - Hot …for frequent access
    - Cool…seldom access, min. 30 days storing
    - Archive…very seldom, high latency, min. 180 days storing

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Storage

Azure Blob Storage	Azure Files	Azure Queue Storage	Azure Table Storage

- Provision of standard file access
- Used for on premise file servers
- Shared use for data and apps
- Allows replication on local Windows servers

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Storage

Azure Blob Storage	Azure Files	**Azure Queue Storage**	Azure Table Storage

- Storage of large amounts of messages between app components
- Used for modularized, scalable applications, asynchronous processing
- Each message has 64kB size

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Storage

Storage Types

Azure Blob Storage	Azure Files	Azure Queue Storage	Azure Table Storage

- Storing of structured NoSQL data
- Used for flexible datasets in web apps, metadata
- Usually rather Cosmos DB used

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```python
#%% packages
import os
import pickle
import json
from azure.storage.blob import BlobClient
#%%
data_object = {"name": "Test", "value": 123}
json_string = json.dumps(data_object)


# %%
CONNECTION_STRING = „…"
CONTAINER_NAME = "docs"
BLOB_NAME = "your_object_name.pkl"

# 1. Create a BlobClient
blob_client = BlobClient.from_connection_string(
    conn_str=CONNECTION_STRING,
    container_name=CONTAINER_NAME,
    blob_name=BLOB_NAME
)

blob_client.upload_blob(json_string, overwrite=True, encoding='utf-8')
```

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Storage

Get Connection string

Home > formysearchservice

formysearchservice | Access keys ☆ ⋯
Storage account

🔍 Search

- Overview
- Activity log
- Tags
- Diagnose and solve problems
- Access Control (IAM)
- Data migration
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- Storage browser
- Storage Mover
- Partner solutions
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- ∨ Data storage
  - Containers
  - File shares
  - Queues
  - Tables
- ∨ Security + networking
  - Networking
  - Front Door and CDN
  - Access keys

🕐 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 ⧉
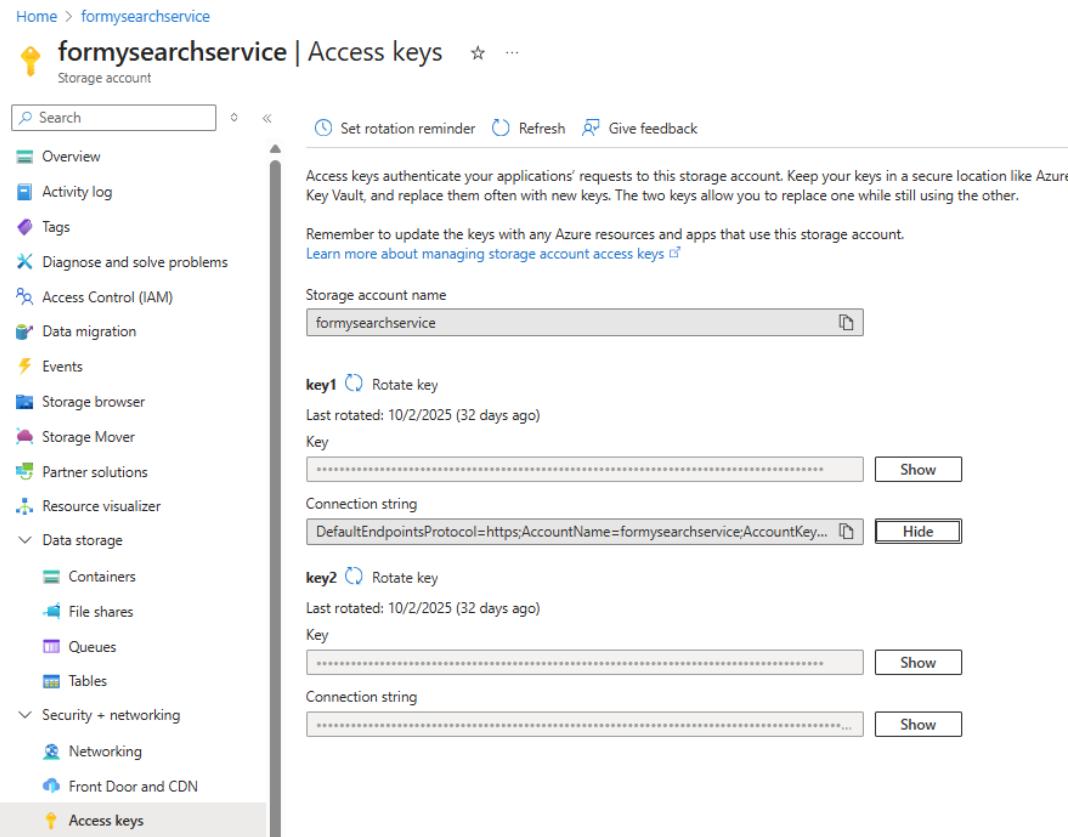
Storage account name

| formysearchservice | 📋 |

key1 🔄 Rotate key

Last rotated: 10/2/2025 (32 days ago)

Key

| •• | Show |

Connection string

| DefaultEndpointsProtocol=https;AccountName=formysearchservice;AccountKey... 📋 | Hide |

key2 🔄 Rotate key

Last rotated: 10/2/2025 (32 days ago)

Key

| •• | Show |

Connection string

| •• | Show |

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Storage

Get Container names

Home > formysearchservice

formysearchservice | Containers ☆ ...
Storage account

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+ Add container   ↑ Upload   ↻ Refresh | 🗑 Delete   🔒 Change access level   ↶ Restore containers ∨   ⊞ Edit columns

🔍 Search containers by prefix

Showing all 2 items

☐	Name
☐	🗔 $logs
☐	🗔 docs