

# Day 46

## What is Azure Pipelines

Azure Pipelines is the part of Azure DevOps that automatically builds, tests, and deploys code projects. Azure Pipelines combines continuous integration, continuous testing, and continuous delivery to build, test, and deliver your code to any destination. Azure Pipelines supports all major languages and project types.

### Azure Pipelines benefits

Azure Pipelines provides a quick, easy, and safe way to automate building your projects with consistent and quality code that's readily available to users.

Azure Pipelines offers the following benefits:

- Works with any language or platform.
- Deploys to different types of targets at the same time.
- Integrates with Azure deployments.
- Builds on Windows, Linux, or Mac machines.
- Integrates with GitHub.
- Works with open-source projects.

## Creating a Storage Account:

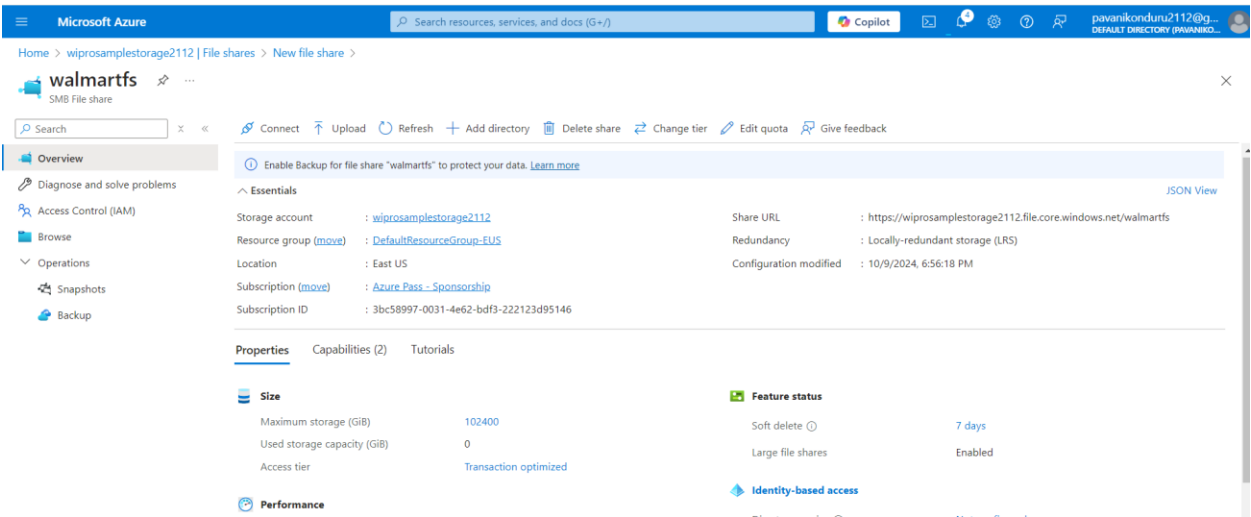
The screenshot displays the Microsoft Azure portal interface. At the top, the header shows 'Microsoft Azure' with a search bar and user profile. The main content area is titled 'wiprosamplestorage2112' and 'Storage account'. A left-hand navigation pane lists various services like Activity log, Tags, and Data storage. The main pane is divided into sections: 'Essentials' showing account details like Resource group, Location, Subscription, and Performance; 'Properties' showing 'Data Lake Storage' settings; and 'Security' showing 'Security' settings. The 'Essentials' section includes a table of key-value pairs for account properties.

Property	Value
Resource group	DefaultResourceGroup-EUS
Location	eastus
Subscription	Azure Pass - Sponsorship
Subscription ID	3bc58997-0031-4e62-bdf3-222123d95146
Disk state	Available
Tags	Add tags
Performance	Standard
Replication	Locally-redundant storage (LRS)
Account kind	StorageV2 (general purpose v2)
Provisioning state	Succeeded
Created	10/9/2024, 10:57:58 AM

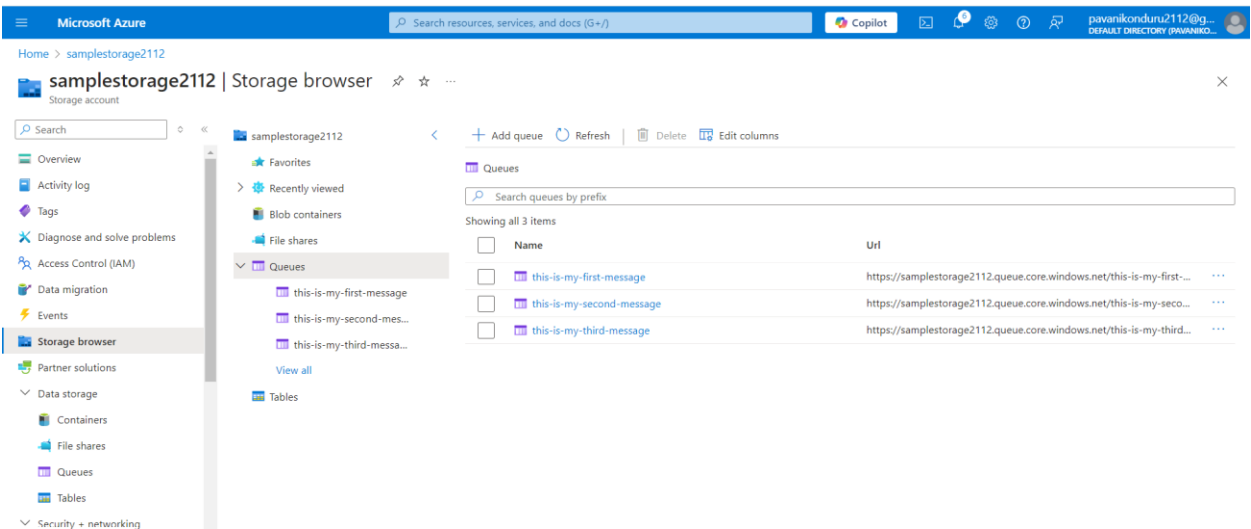
Property	Value
Hierarchical namespace	Enabled
Default access tier	Hot
Blob anonymous access	Disabled
Blob soft delete	Enabled (7 days)
Container soft delete	Enabled (7 days)
Versioning	Disabled

Property	Value
Require secure transfer for REST API operations	Enabled
Storage account key access	Enabled
Minimum TLS version	Version 1.2
Infrastructure encryption	Disabled

# Creating a File Shares:



# Creating a Queues:



## Creating a Messages:

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

🔍

🔔

⚙️

?

🗨️

pavanikonduru2112@g...  
DEFAULT DIRECTORY (PAVANIKO...

Home > samplestorage2112

samplestorage2112 | Storage browser

🔍 Search

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Partner solutions

Data storage

Containers

File shares

Queues

Tables

Security + networking

Networking

Access keys

samplestorage2112

+

 Add message

🗑️

 Dequeue message

✕

 Clear queue

🔄

 Refresh

🔧

 Edit columns

Queues > this-is-my-first-message

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

🔍

Sorting all 1 items

Message text ↑	Id	Insertion time	Expiration time	Dequeue count
Hi this is first message context	7191f578-f99f-46b8-ac4...	10/9/2024, 7:00:04 PM	10/16/2024, 7:00:04 PM	0

## Creating a Employee Table in storage Account:

Microsoft Azure

Search resources, services, and docs (G+)

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pavanikonduru2112@g...  
DEFAULT DIRECTORY (PAVANIKO...

Home > wiprosamplestorage2112

wiprosamplestorage2112 | Tables

🔍 Search

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Partner solutions

Data storage

Containers

File shares

Queues

Tables

Security + networking

Networking

wiprosamplestorage2112

+

 Table

🔄

 Refresh

🗑️

 Delete

🗨️

 Give feedback

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

🔍 Search tables by prefix

Table	Url
employee	https://wiprosamplestorage2112.table.core.windows.net/employee

## Adding Entities and Columns to a Employee Table:

Microsoft Azure

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

Copilot

pavanikonduru2112@g...  
DEFAULT DIRECTORY (PAVANIKO...)

Home > wiprosamplestorage2112

wiprosamplestorage2112 | Storage browser

Storage account

Search

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

Tables > employee

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

Add filter

Advanced filters

Showing all 3 items

PartitionKey	RowKey	Timestamp	FirstName	LastName	Location	PhoneNumber
		2024-10-09T06:38:55.96...				
aaa	bbbb	2024-10-09T08:35:03.76...	Pavani	kp	aaabbb	9876543210
ccc	ddd	2024-10-09T06:39:41.55...	Bhavana	B	ccccddd	1234567897

## Creating a DataBase:

Microsoft Azure

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

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pavanikonduru2112@g...  
DEFAULT DIRECTORY (PAVANIKO...)

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_f9acba9d87bb43f5 | Overview >

wiproddb (wiproddb2112/wiproddb)

SQL database

Search

Copy  
Restore  
Export  
Set server firewall  
Delete  
Connect with...  
Feedback

Mirror databases in Microsoft Fabric Easily replicate your existing databases in Fabric, and help your team achieve streamlined ETL and operational analytics goals. Learn more

JSON View

Essentials

Resource group (move) : wipro-rg  
Status : Paused  
Location : East US 2  
Subscription (move) : Azure Pass - Sponsorship  
Subscription ID : 3bc58997-0031-4e62-bdf3-222123d95146  
Tags (edit) : Add tags

Server name : wiproddb2112.database.windows.net  
Connection strings : Show database connection strings  
Pricing tier : General Purpose - Serverless: Gen5, 1 vCore  
Auto-pause delay : 1 hour  
Earliest restore point : 2024-10-09 12:19 UTC

Getting started  
Monitoring  
Properties  
Features  
Notifications (1)  
Integrations  
Tutorials

Start working with your database

Connect to your database and start working with data with a few simple steps. Learn more