

5. Verify that blobs are moved or deleted according to the policy.

Practical Task 3: Implementing an Azure Queue for Message Storage

Create and manage an Azure Queue to store and process messages.

Requirements:

1. Create a storage account and enable the Queue service.
2. Create a queue named "task-queue."
3. Use Azure Storage Explorer or the Azure portal to add messages to the queue.
4. Retrieve and process messages directly using Azure Storage Explorer or the Azure portal interface.
5. Verify that processed messages are removed from the queue manually.

Модуль 5. Kuber xAdd - AnkiWeb xapp.landingsite.s xdevaccount2025 xAzure Storage E xdevaccount2025 xAzure DevOps : / x+

portal.azure.com/#@dmytroslovinskygmail.onmicrosoft.com/resource/subscriptions/9a6ae428-d8c3-44fe-bdf2-4e0859390... ☆

Microsoft Azure

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Dashboard > devaccount20250119

devaccount20250119 | Queues

Storage account

Search

+ Queue Refresh | Delete | Give feedback

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Partner solutions

Data storage

Containers

File shares

Queues

Tables

Security + networking

Add queue

Queue name *

devqueue ✓

OKCancel

OK

Модуль 5. Kuber xAdd - AnkiWeb xapp.landingsite.s xdevaccount2025 xAzure Storage Exdevqueue - Micro xAzure DevOps : / x+

portal.azure.com/#view/Microsoft_Azure_Storage/QueueMenuBlade/~~/overview/storageAccountId/%2Fsubscriptions%2F9a6ae...x

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devqueue

Queue

SearchRefreshAdd messageDequeue messageClear queueGive feedback

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Access policy

Metadata

Add message to queue

Message text *

message2

Expires in: *

7

Days

☐ Message never expires

☒ Encode the message body in Base64

OK

Cancel

Expiration time

Dequeue count

1/28/2025, 6:21:23 PM

0

Модуль 5. Kuber xAdd - AnkiWeb xapp.landingsite.s xdevaccount2025 xAzure Storage E xdevqueue - Micro xAzure DevOps : / x+

portal.azure.com/#view/Microsoft_Azure_Storage/QueueMenuBlade/~/_/overview/storageAccountId/%2Fsubscriptions%2F9a6ae...

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Queue

Search

RefreshAdd messageDequeue messageClear queueGive feedback

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Access policy

Metadata

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

Search to filter items...

Id	Message text	Insertion time	Expiration time	Dequeue count
4696f126-f1f2-45f7-...	message1	1/21/2025, 6:21:23 PM	1/28/2025, 6:21:23 PM	0
4dddedc2-040a-495...	message2	1/21/2025, 6:21:35 PM	1/28/2025, 6:21:35 PM	0

Модуль 5. Kuber xAdd - AnkiWeb xapp.landing.site.xdevaccount2025 xMessage properti xAzure DevOps : / xChatGPT x+

portal.azure.com/#view/Microsoft_Azure_Storage/QueueMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2F9a6ae...x

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devqueue
Queue

Search

RefreshAdd messageDequeue messageClear queueGive feedback

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Access policy

Metadata

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

Search to filter items...

Id	Message text	Insertion
4dddedc2-040a-495...	message2	1/21/2025
3e16eba0-be1c-40c...	message2	1/21/2025

Message properties

ID
4dddedc2-040a-495b-b3d3-89fb4b099e38

MESSAGE BODY
message2

Copy to clipboard

INSERTION TIME
Tue Jan 21 2025 18:21:35 GMT+0200 (Eastern European Standard Time)

EXPIRATION TIME
Tue Jan 28 2025 18:21:35 GMT+0200 (Eastern European Standard Time)

DEQUEUE COUNT
0

Модуль 5. Kuber xAdd - AnkiWeb xapp.landing.site.xdevaccount2025 xMessage properti xAzure DevOps : / xChatGPT x+

portal.azure.com/#view/Microsoft_Azure_Storage/QueueMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2F9a6ae... ☆

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devqueue

Queue

Search

RefreshAdd messageDeque messageClear queueGive feedback

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Access policy

Metadata

Deque message

Deque first message

Are you sure you want to remove the first element in this queue?

YesNo

4dddedc2-040a-495...	message2	1/21/2025
3e16eba0-be1c-40c...	message2	1/21/2025

Message properties

ID

4dddedc2-040a-495b-b3d3-89fb4b099e38

MESSAGE BODY

message2

INSERTION TIME

Tue Jan 21 2025 18:21:35 GMT+0200 (Eastern European Standard Time)

EXPIRATION TIME

Tue Jan 28 2025 18:21:35 GMT+0200 (Eastern European Standard Time)

DEQUEUE COUNT

0

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portal.azure.com/#view/Microsoft_Azure_Storage/QueueMenuBlade/~/_/overview/storageAccountId/%2Fsubscriptions%2F9a6ae... ☆

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devqueue
Queue

Search

RefreshAdd messageDequeue messageClear queueGive feedback

Overview

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

Search to filter items...

Id	Message text	Insertion time	Expiration time	Dequeue count
No results				