



Azure 103 Module 4

Hands On – 8

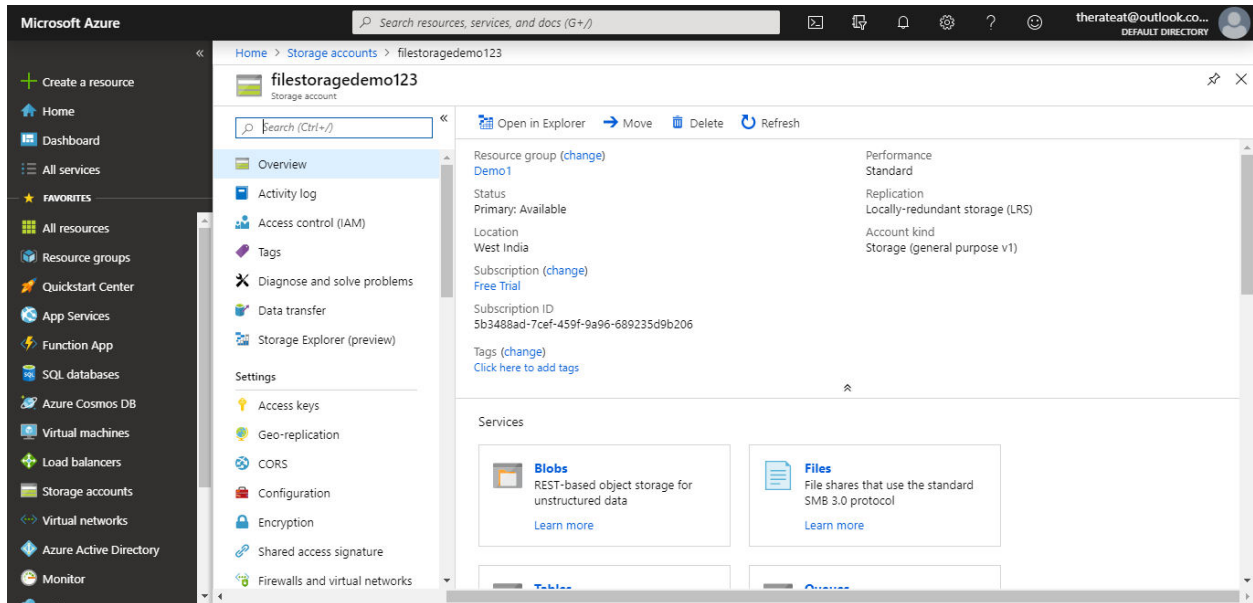
Azure Certification Training

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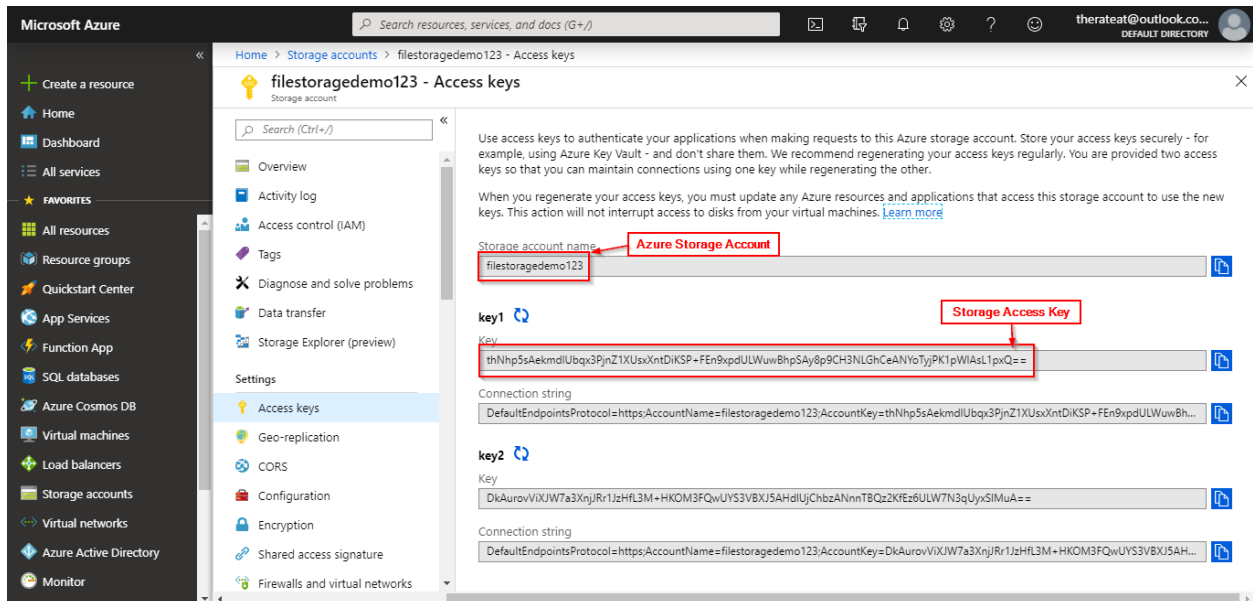
## Azure 103 Module 2 , Hands On – 8

### Use Storage Queues.

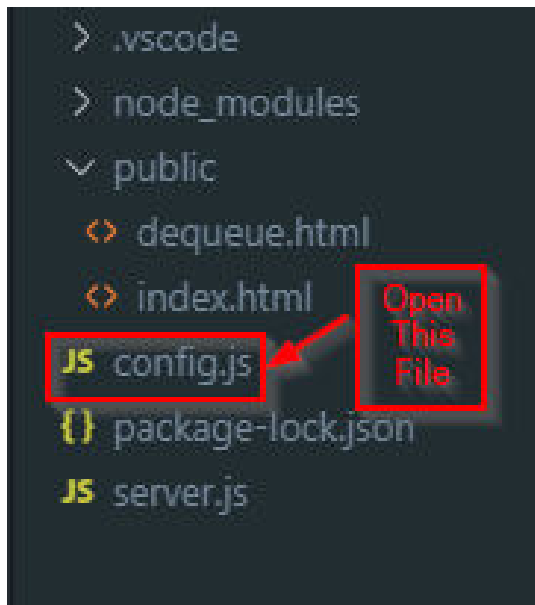
#### Step 1: Open Storage Account.



#### Step 2: In the Settings section click on Access Keys.



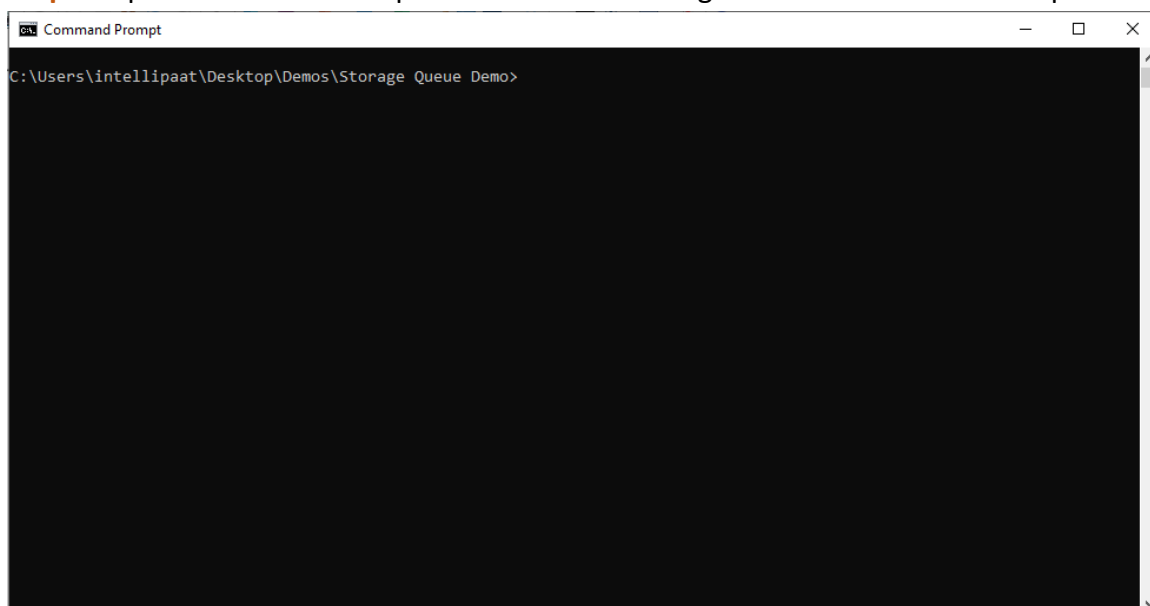
**Step 3:** Open config.js file in the sample app.



**Step 4:** Replace queueName to the name of your queue (if you have not created a queue then it will be created automatically for you), azureStorageAccount value to your storage account name and azureStorageAccessKey to the access key of your storage account.

```
JS config.js > ...
1 module.exports = {
2   queueName: 'sample',
3   azureStorageAccount: 'filestoragedemo123',
4   azureStorageAccessKey: 'thNhp5sAekmdlUbqx3PjnZ1XUsxXntDiKSP+FEn9xpdULWuwBhpSAy8p9CH3NLGhCeANYoTyjPK1pWLASL1pxQ==',
5 };
```

**Step 5:** Open Command Prompt or Terminal and navigate to the folder with sample code.



**Step 6:** Enter the following command: 'node server.js', start our application server.

```
Microsoft Windows [Version 10.0.17134.950]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Intellipaat-Team\Desktop\Storage Queue Demo>node server.js
Listening at port 3000
```

**Step 7:** In your browser go to <http://localhost:3000>.



## Push to storage queues

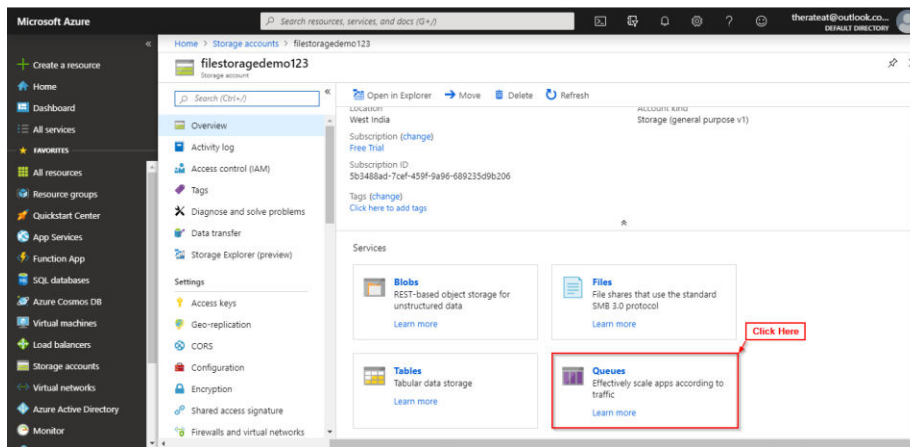
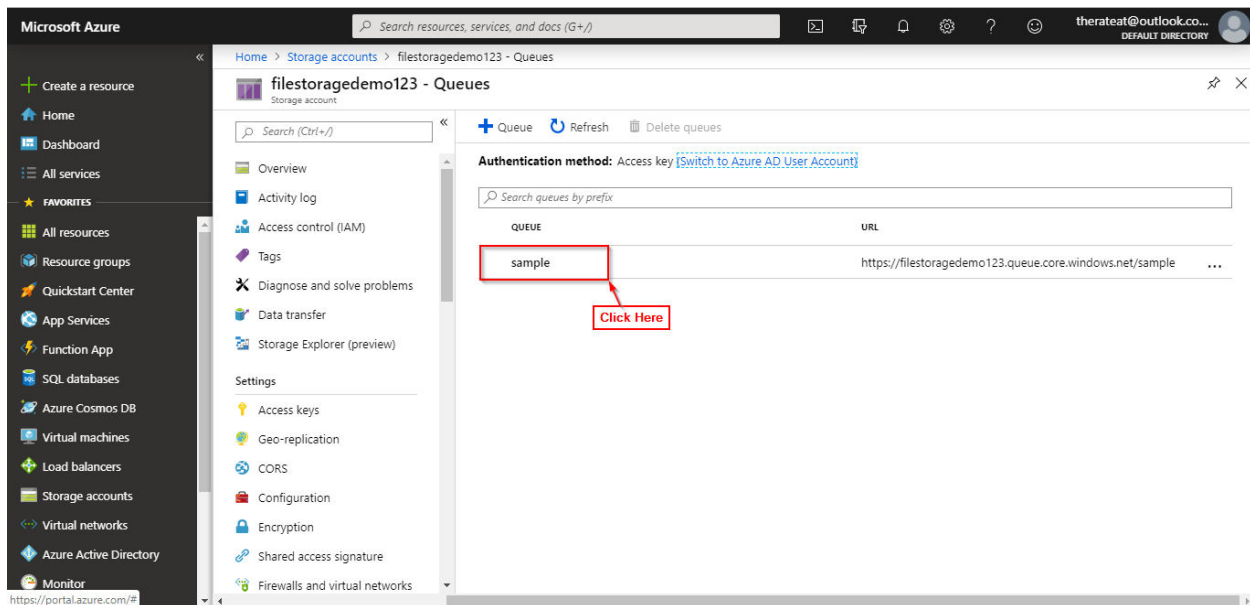
## Pop Message From Queue

**Step 8:** In the app enter data in the text field and press submit to enter data in the queue.

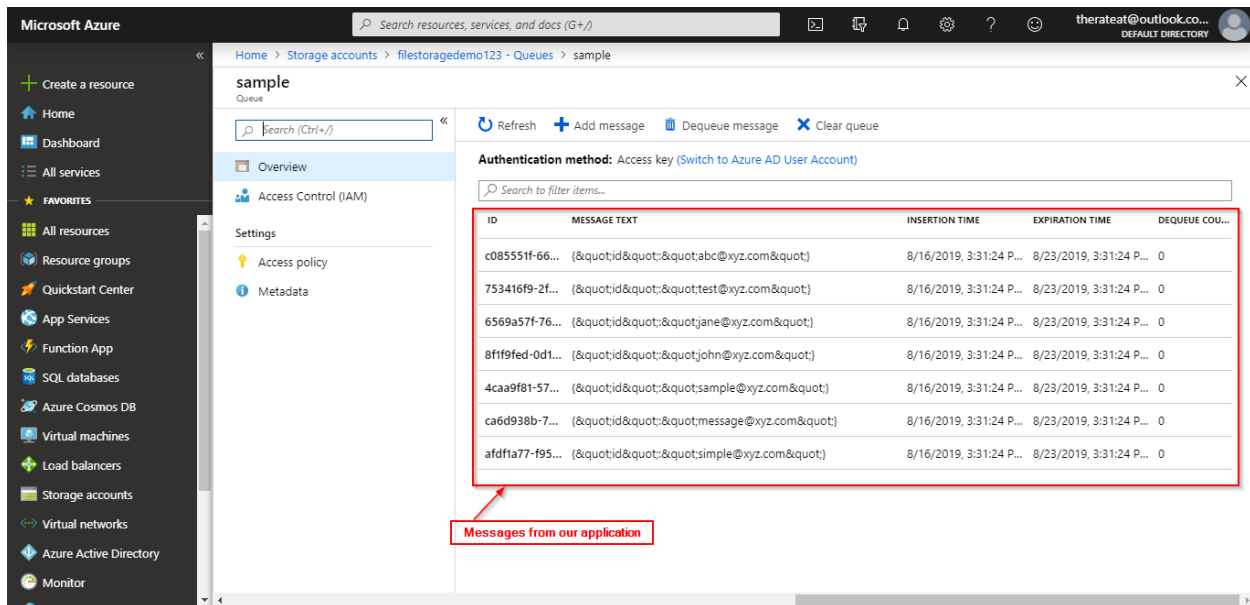
## Push to storage queues



## Pop Message From Queue

**Step 9:** Open the Storage Queue in Azure Portal.**Step 10:** Click on the queue you created.

**Step 11:** Observe that your messages have been added to the queue.



Microsoft Azure

Home > Storage accounts > filestoragedemo123 - Queues > sample

sample Queue

Search (Ctrl+J)

Refresh Add message Dequeue message Clear queue

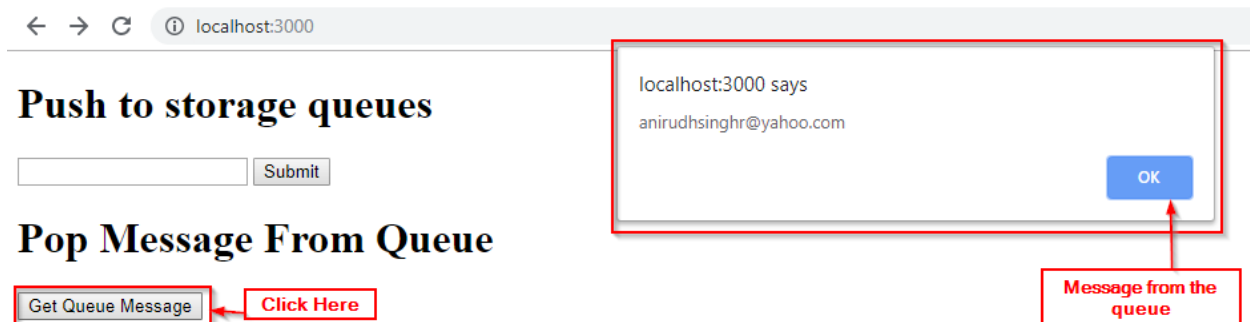
Authentication method: Access key (Switch to Azure AD User Account)

Search to filter items...

ID	MESSAGE TEXT	INSERTION TIME	EXPIRATION TIME	DEQUEUE COU...
c085551f-66...	{&quot;id&quot;:&quot;abc@xyz.com&quot;}	8/16/2019, 3:31:24 P...	8/23/2019, 3:31:24 P...	0
753416f9-2f...	{&quot;id&quot;:&quot;test@xyz.com&quot;}	8/16/2019, 3:31:24 P...	8/23/2019, 3:31:24 P...	0
6569a57f-76...	{&quot;id&quot;:&quot;jane@xyz.com&quot;}	8/16/2019, 3:31:24 P...	8/23/2019, 3:31:24 P...	0
8f1f9fed-0d1...	{&quot;id&quot;:&quot;john@xyz.com&quot;}	8/16/2019, 3:31:24 P...	8/23/2019, 3:31:24 P...	0
4caa9f81-57...	{&quot;id&quot;:&quot;sample@xyz.com&quot;}	8/16/2019, 3:31:24 P...	8/23/2019, 3:31:24 P...	0
ca6d938b-7...	{&quot;id&quot;:&quot;message@xyz.com&quot;}	8/16/2019, 3:31:24 P...	8/23/2019, 3:31:24 P...	0
afdf1a77-f95...	{&quot;id&quot;:&quot;simple@xyz.com&quot;}	8/16/2019, 3:31:24 P...	8/23/2019, 3:31:24 P...	0

Messages from our application

**Step 12:** Open <http://localhost:3000> and click on 'Get Queue Message'. An alert box will show up showing the message and if the queue is already empty.



localhost:3000

## Push to storage queues

Submit

## Pop Message From Queue

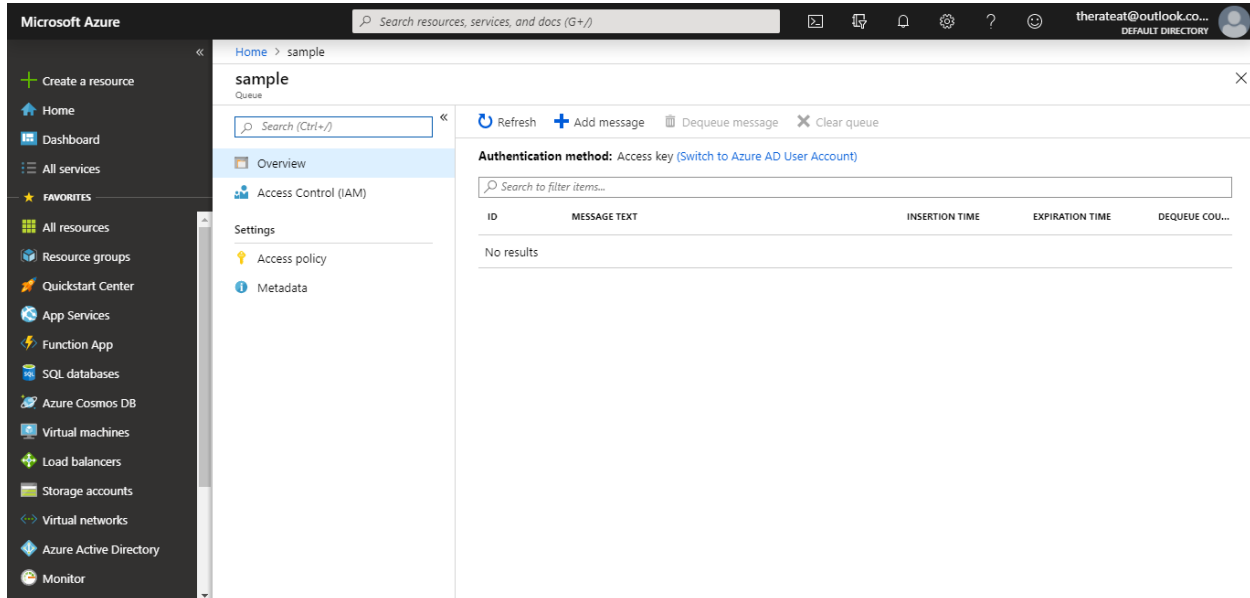
Get Queue Message Click Here

localhost:3000 says  
anirudhsinghr@yahoo.com

OK

Message from the queue

**Step 13:** Open the queues page and refresh it. You will notice that all the previously added message are now gone.



The screenshot shows the Microsoft Azure portal interface. The left sidebar contains the navigation menu with options like 'Create a resource', 'Home', 'Dashboard', 'All services', and 'FAVORITES'. The main content area displays the 'sample' queue page. At the top, there are buttons for 'Refresh', 'Add message', 'Dequeue message', and 'Clear queue'. Below these, the 'Authentication method' is set to 'Access key'. A search bar is present, and a table with columns 'ID', 'MESSAGE TEXT', 'INSERTION TIME', 'EXPIRATION TIME', and 'DEQUEUE COU...' is shown. The table currently displays 'No results'.