

# Cloud Development, 2021 fall. Lab 11

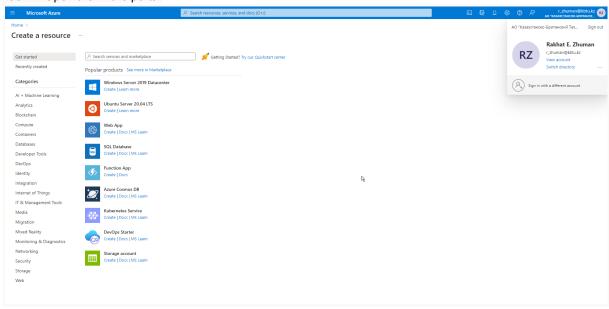
# Report

Asynchronously processing messages by using Azure Queue Storage

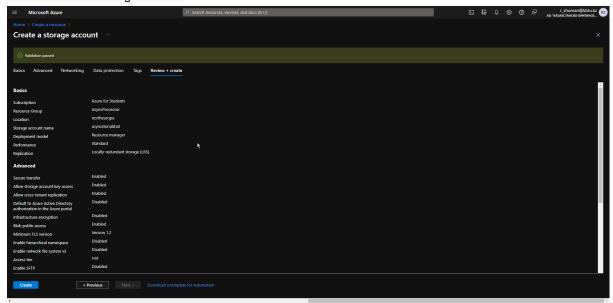
made by Zhuman Rakhat

## Exercise 1: Creating an Azure App Service resource by using a Docker container image

Task 1: Open the Azure portal



Task 2: Create a Storage account



DefaultEndpointsProtocol=https; AccountName=asyncstorrakhat; AccountKey=U/yRJHOfM3CV/x+JXJZsoQrBFE5Nj9PQ4QAY6QFk54EG7vz+9g+KsYmbCPEH6RlhoApXaP8NObvejUMsPRi33w==; EndpointSuffix=core.windows.net

## Exercise 2: Configure the Azure Storage SDK in a .NET project

Task 1: Create a .NET project

#### Task 2: Write code to access Azure Storage

```
| Using Azure; | Survey | Surv
```

#### Task 3: Validate Azure Storage access

```
D:\Source\Azure\11\MessageProcessor>dotnet build
Microsoft (R) Build Engine seption 16.11.0+658lacc04 pm .NET
(C) Kopnopular Makipocoft (Microsoft Corporation). Bce npasa Завичены.

Onpegeneiwe проектов для восстановления...
Bce проекты обновлены для восстановления...
MessageProcessor - D:\Source\Azure\11\MessageProcessor\bin\Debug\net5.0\MessageProcessor.dll

Cdopka успава завершева.
Прадумовлений: 0

Oundoo: 0

Прошло времени 00:00:03.01

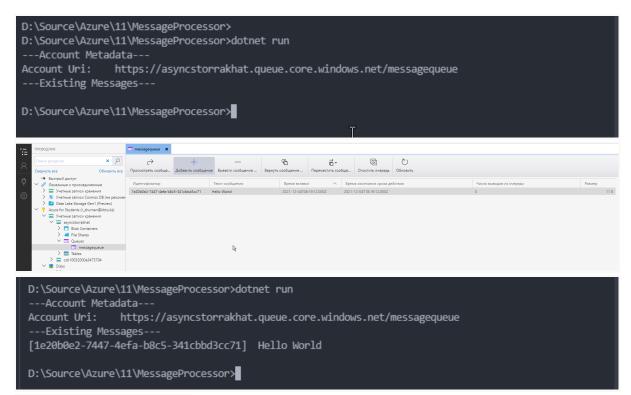
D:\Source\Azure\11\MessageProcessor>dotnet run
--Account Mris: https://asyncstorrakhat.queue.core.windows.net/messagequeue

D:\Source\Azure\11\MessageProcessor>
```

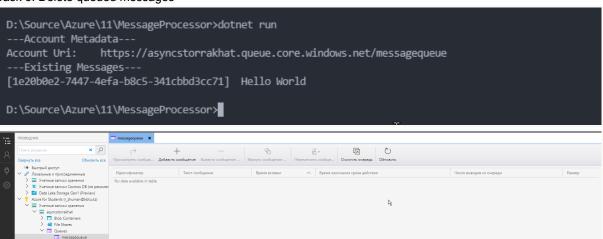
#### Exercise 3: Add messages to the queue

Task 1: Write code to access queue messages

Task 2: Test message queue access



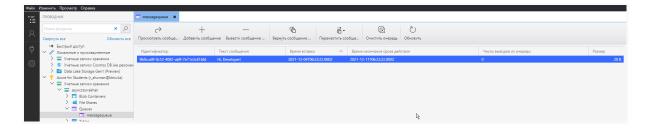
#### Task 3: Delete queued messages



## Exercise 4: Queue new messages by using .NET

Task 1: Write code to create queue messages

Task 2: View queued messages by using Storage Explorer



# Exercise 5: Clean up your subscription Task 2: Delete a resource group

