

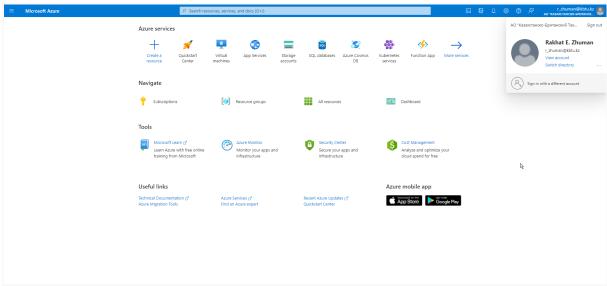
Cloud Development, 2021 fall. Lab1

Report

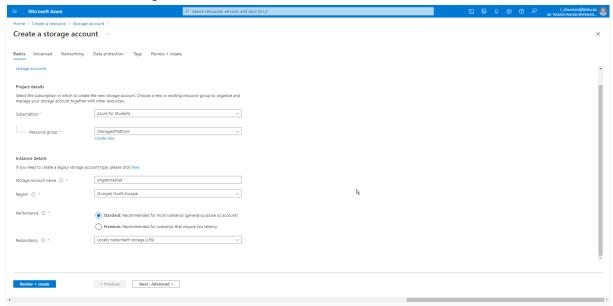
made by Zhuman Rakhat

Exercise 1: Build a back-end API by using Azure Storage and the Web Apps feature of Azure App Service

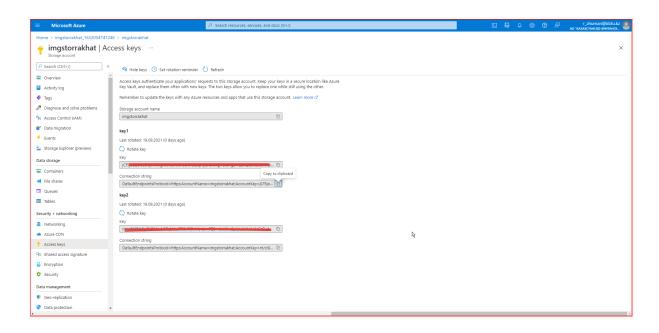
Task 1: Open the Azure portal



Task 2: Create a Storage account

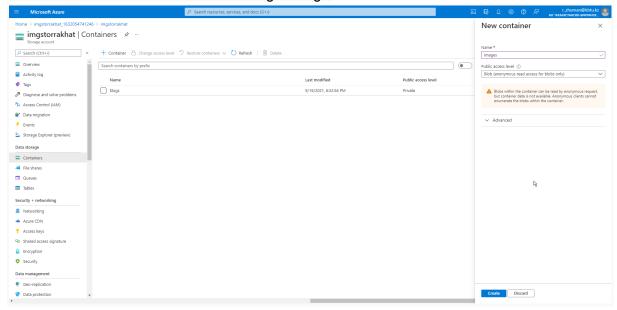


Record the value of the Connection string text box. You'll use this value later in this lab.

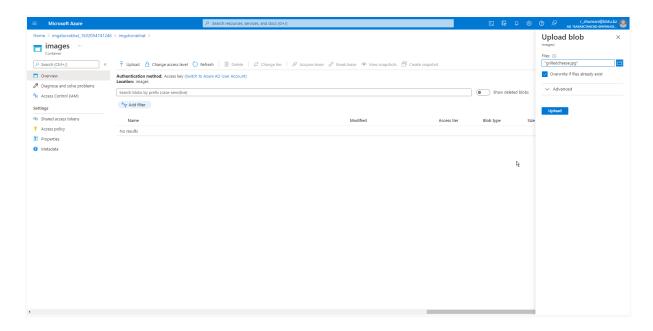


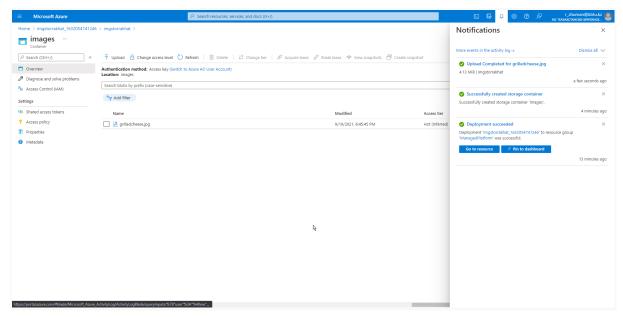
Task 3: Upload a sample blob

Create a new container with the following settings:

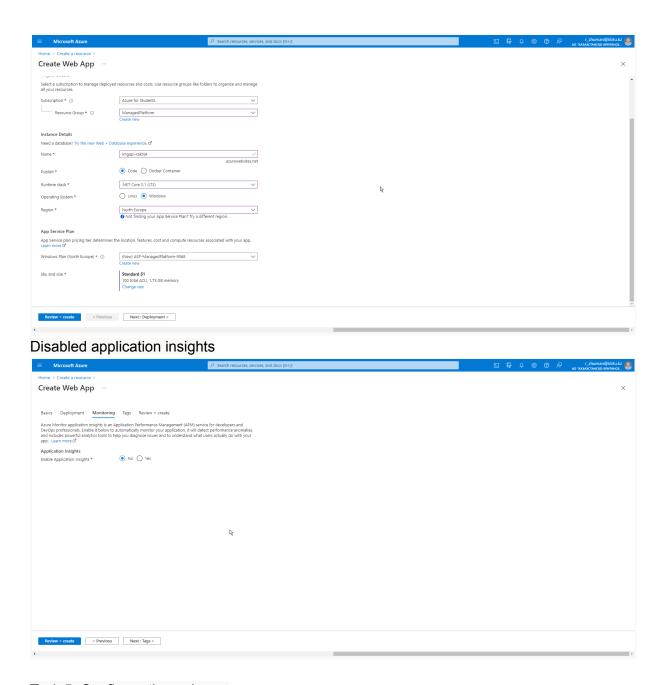


Go to the new images container, and then use the Upload button to upload the grilledcheese.jpg file in the Labs\01\Starter\Imagesfolder, downloaded from Teams group.

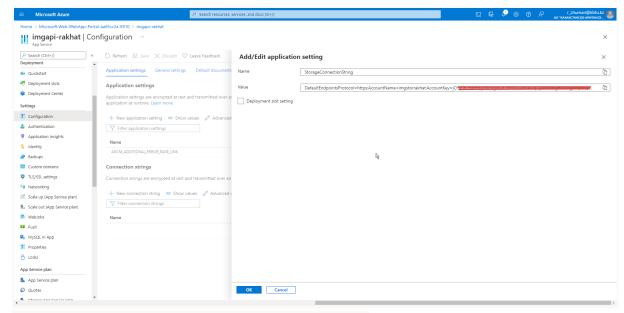




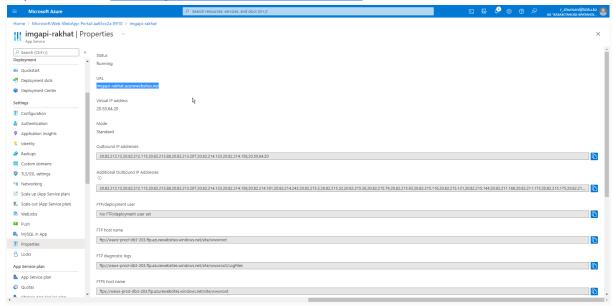
Task 4: Create a web app



Task 5: Configure the web app



Copied URL => http://imgapi-rakhat.azurewebsites.net/



Task 6: Deploy an ASP.NET web application to Web Apps >>az login

```
| The file decides Now Do Rei amount high properties of the control of the contro
```

>>az webapp list --resource -group ManagedPlatform

```
Type": "user"

| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type": "user"
| Type: "user"
```

>>az webapp list --resource-group ManagedPlatform --query "[?starts_with(name, 'imgapi')]"

>> az webapp list --resource-group ManagedPlatform --query "[?starts_with(name, 'imgapi')].{Name:name}" --output tsv

```
D:\Source\Azure\Starter\Starter\API\Controllers>az webapp list --resource-group ManagedPlatform --query "[?starts_with(name, '<u>imgapi</u>')].{Name:name}" --output tsv imgapi-rakhat

D:\Source\Azure\Starter\Starter\API\Controllers>
```

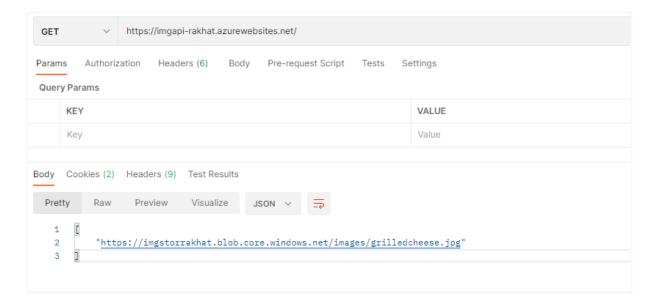
```
D:\Source\Azure\Starter\API\Controllers>cd ..
D:\Source\Azure\Starter\Starter\API>
```

>> az webapp deployment source config-zip --resource-group ManagedPlatform --src api.zip --name imgapi-rakhat

```
D:\Source\Azure\Starter\Starter\API>az webapp deployment source config-zip --resource-group ManagedPlatform --src api.zip --name imgapi-rakhat Getting scm site credentials for zip deployment Starting zip deployment. This operation can take a while to complete ...

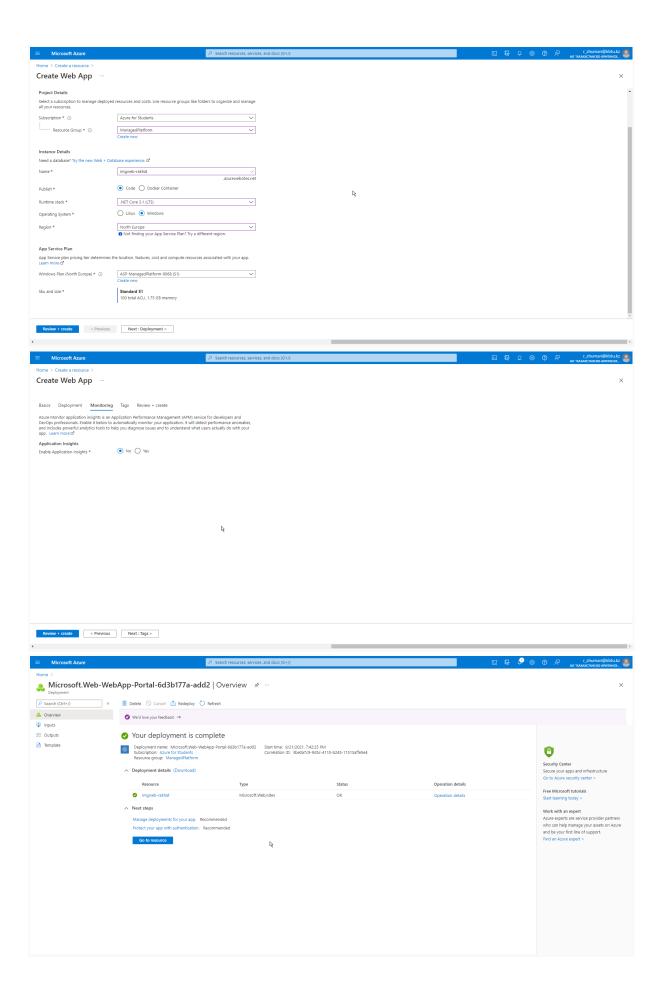
Deployment endpoint responded with status code 202

{
    "active": true,
    "author." "N/A",
    "author.email": "N/A",
    "complete": True,
    "deployer": "ZipDeploy",
    "end time": "3021-09-19713:25:29.392692Z",
    "id": "35c9cd23d645411ea50bb1cd3c4dadf6",
    "is_readonly": true,
    "is_temp": false,
    "last_success_end_time": "2021-09-19713:25:29.392692Z",
    "log_url": "https://imgapi-rakhat.scm.azurewebsites.net/api/deployments/latest/log",
    "message": "Created via a push deployment",
    "proyess": "",
    "provisioningState": "Succeeded",
    "received_time": "2021-09-19713:25:22.403054Z",
    "site_name": "imgapi-rakhat",
    "start_time": "2021-09-19713:25:22.670367Z",
    "status_text": "",
    "url": "https://imgapi-rakhat.scm.azurewebsites.net/api/deployments/latest"
}
```

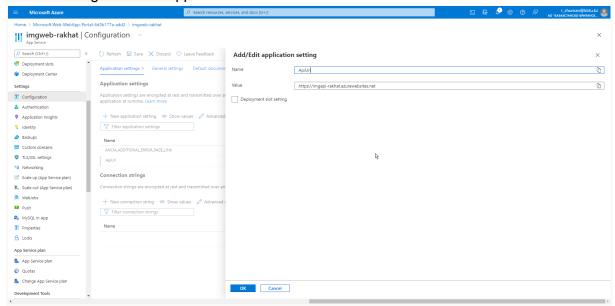


Exercise 2: Build a front-end web application by using Azure Web Apps

Task 1: Create a web app



Task 2: Configure a web app



>>az login

>>az webapp list --resource -group ManagedPlatform

```
### PORTIONS OF THE MARKET OF THE MARKET OF THE MARKET OF THE WEB DESCRIPTION OF THE WEB DE
```

>>az webapp list --resource -group ManagedPlatform --query
"[?starts_with(name, 'imgweb')]"

>>az webapp list --resource -group ManagedPlatform --query
"[?starts with(name,'imgweb')].{Name:name}" --output tsv

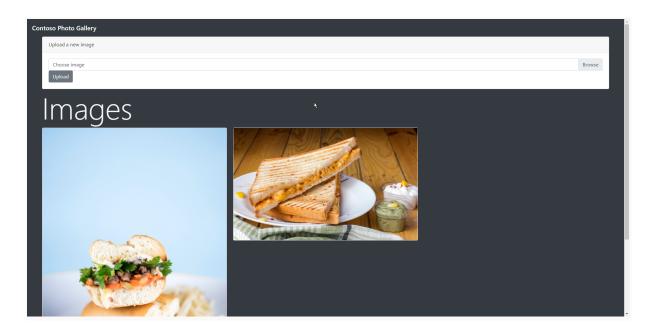
```
D:\Source\Azure\Starter\Starter\API>az webapp list --resource-group ManagedPlatform --query "[?starts_with(name, 'imgweb')].{Name:name}" --output tsv imgweb-rakhat
```

>>az webapp deployment source config -zip --resource -group ManagedPlatform --src web.zip --name imgweb-rakhat

```
D:\Source\Azure\Starter\Starter\Web>az webapp deployment source config-zip --resource-group ManagedPlatform --src web.zip --name imgweb-rakhat Getting som site credentials for zip deployment
Starting zip deployment. This operation can take a while to complete ...

Deployment endpoint responded with status code 202

{
    "active": true,
    "authon": "N/A",
    "authon_email": "N/A",
    "complete": true,
    "deployer": "ZipDeploy",
    "end time": "2021-09-21T15:29:38.1462081Z",
    "id": "08040ccfa9dc5413698651a4dd110dcef",
    "is_readonly": true,
    "is_temp": false,
    "last_success_end_time": "2021-09-21T15:29:38.1462081Z",
    "log_un!": "https://imgweb-rakhat.scm.azurewebsites.net/api/deployments/latest/log",
    "message": "Created via a push deployment",
    "progress": "",
    "provisioningState": "Succeeded",
    "received_time": "2021-09-21T15:29:30.7481957Z",
    "site_name": "imgweb-rakhat",
    start_time": "2021-09-21T15:29:31.0138297Z",
    "status": 4,
    "status": 4,
    "status_text": "",
    "url": "https://imgweb-rakhat.scm.azurewebsites.net/api/deployments/latest"
}
```



Exercise 3: Clean up your subscription

Task 1: Open Azure Cloud Shell & Task 2: Delete resource groups & Task 3: Close the active applications

