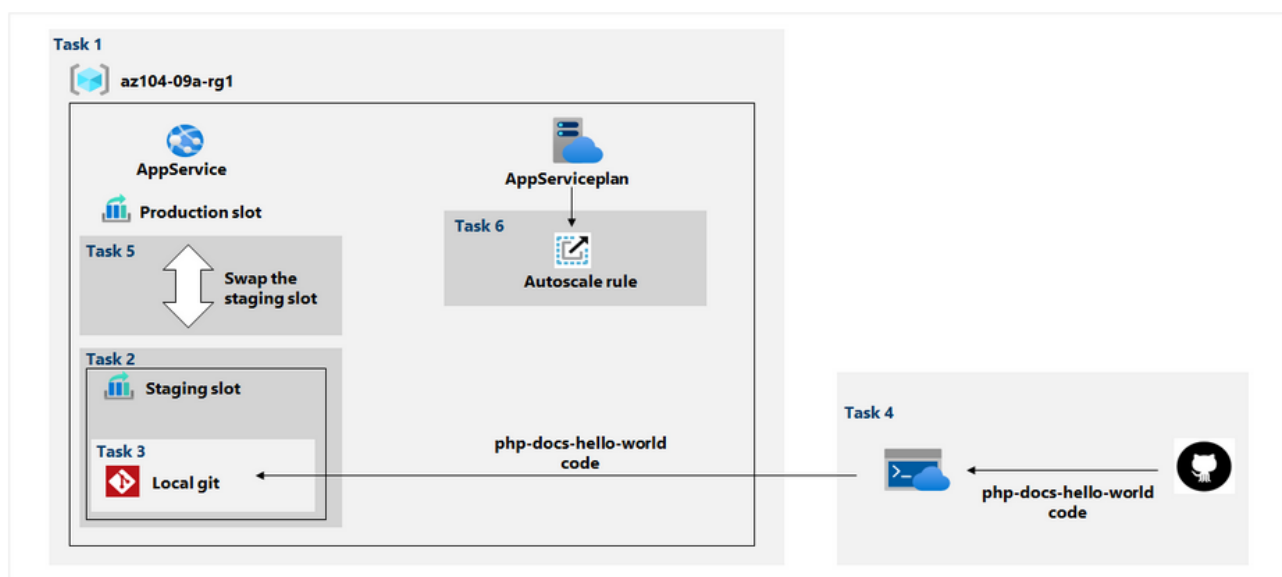# Implement Web Apps

- Task 1: Create an Azure web app
- Task 2: Create a staging deployment slot
- Task 3: Configure web app deployment settings
- Task 4: Deploy code to the staging deployment slot
- Task 5: Swap the staging slots
- Task 6: Configure and test autoscaling of the Azure web app

Architecture diagram

Task 1: Create an Azure web app

Create new VM in **App Service**

Task 2: Create a staging deployment slot

Open the VM that we have deployed and from left side menu click **Deployment slots**

and click Add Slot

create staging slot as follow
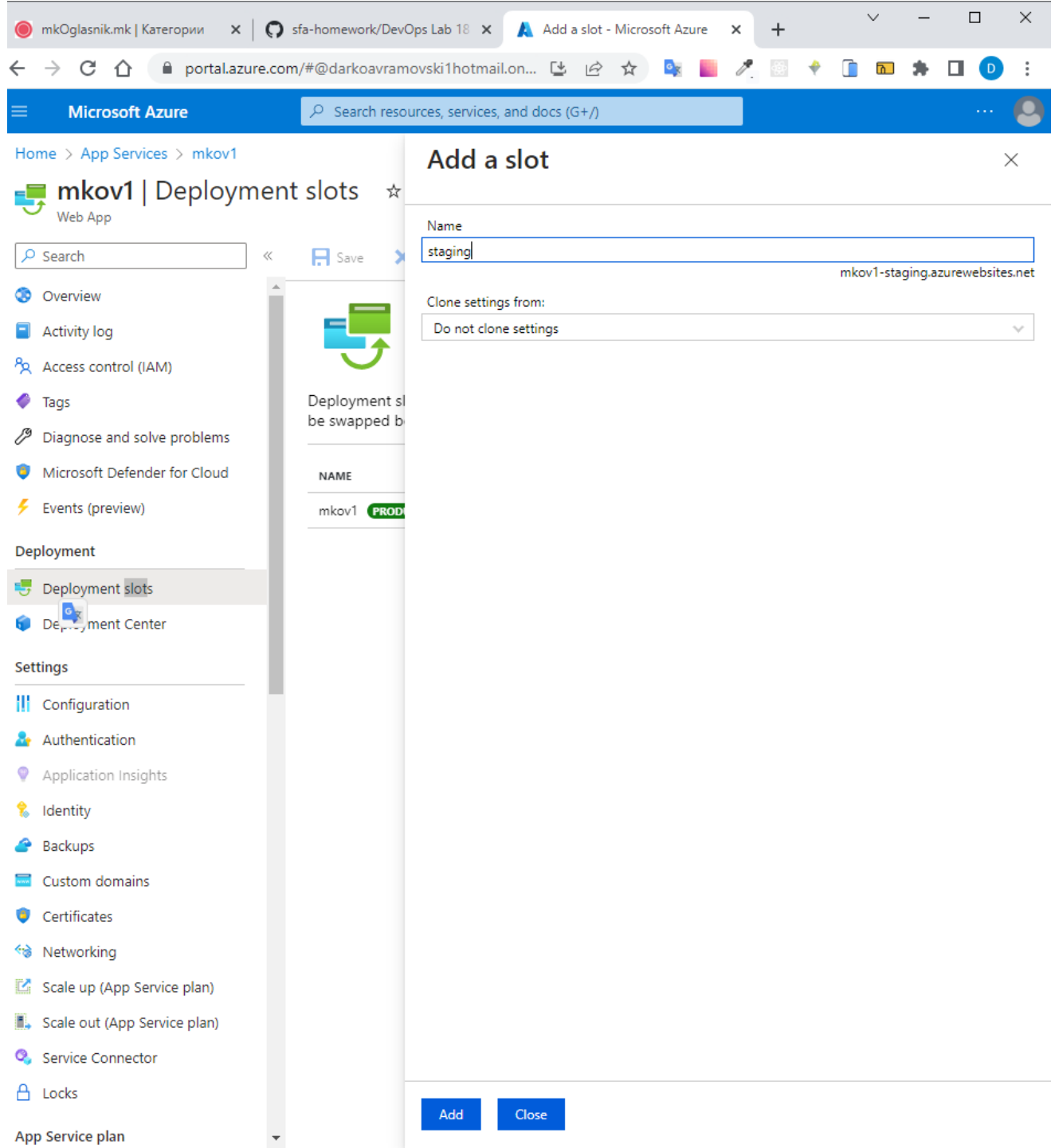
succes we created new staging slot who differs from the one assigned to the production slot.
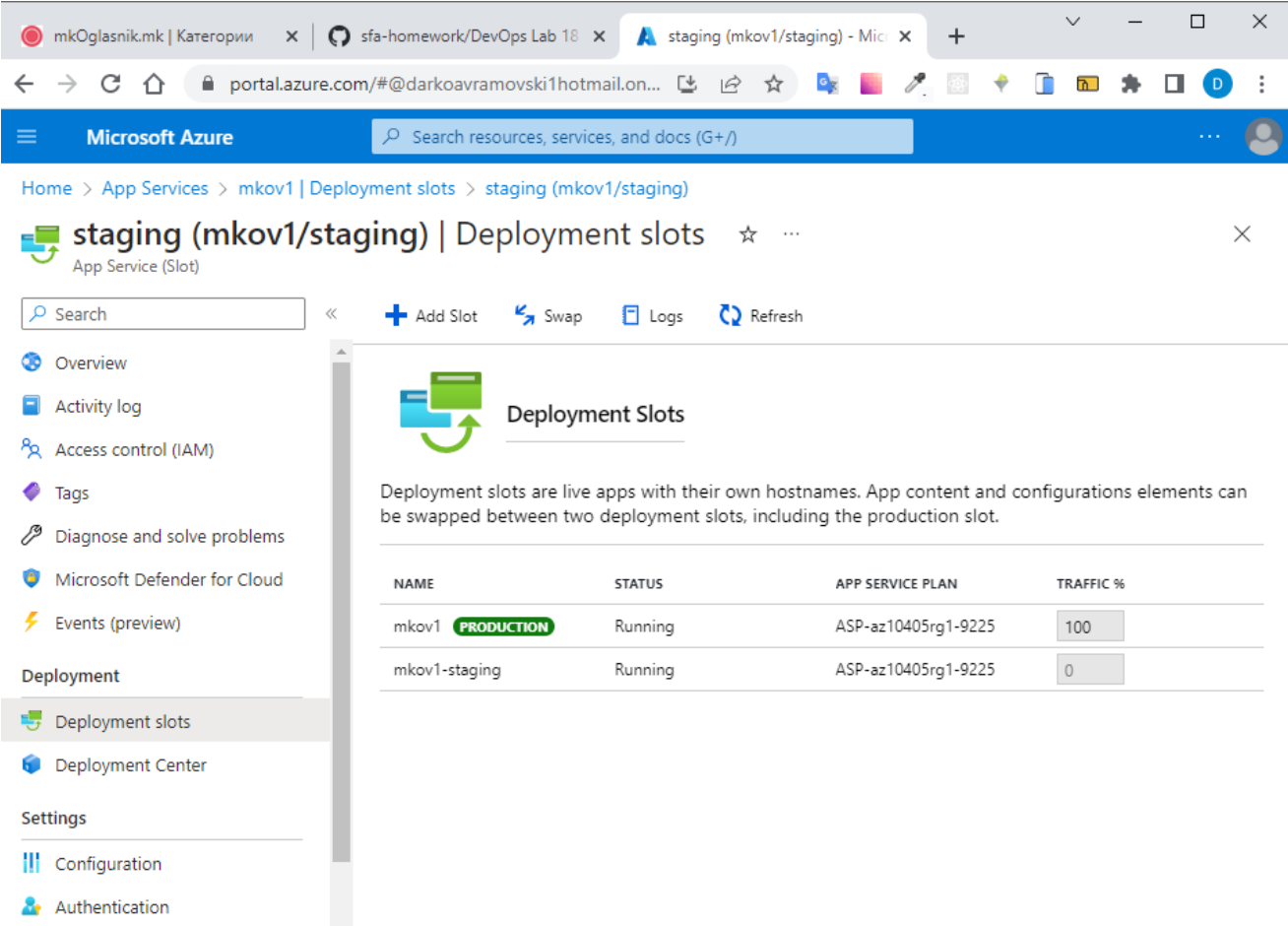
Task 3: Configure web app deployment settings

On the staging **deployment** slot blade, in the Deployment section, click **Deployment Center** and then select the **Settings tab.**

On the **Settings tab**, in the Source drop-down list, select **Local Git** and click the **Save** button
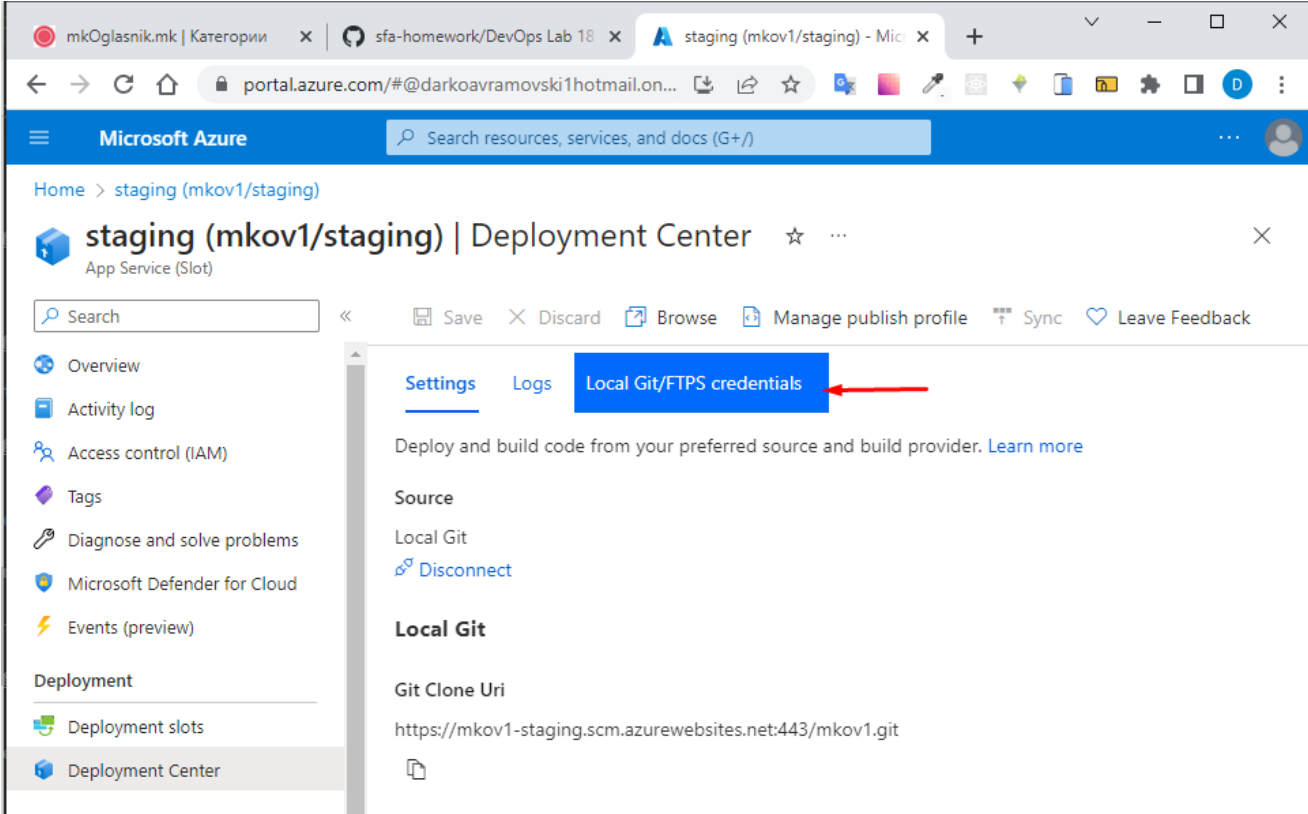
On the **Deployment Center** blade, copy the **Git Clone Url** entry to Notepad.

```
Git Clone Uri
https://mkov1-staging.scm.azurewebsites.net:443/mkov1.git
```

On the **Deployment Center** blade, select the **Local Git/FTPS** credentials

User Scope section, specify the following settings, and click Save.

Task 4: Deploy code to the staging deployment slot

Open cloud shell / PowerShell and clone git repo from powershell

```
git clone https://github.com/Azure-Samples/php-docs-hello-world
```

From the Cloud Shell pane, run the following to set the current location to the newly created clone of the local repository containing the sample web app code.

```
Set-Location -Path $HOME/php-docs-hello-world/
```

From the Cloud Shell pane, run the following to add the remote git (make sure to replace the [deployment_user_name] and [git_clone_url] placeholders with the value of the Deployment Credentials user name and Git Clone Url, respectively, which you identified in previous task):
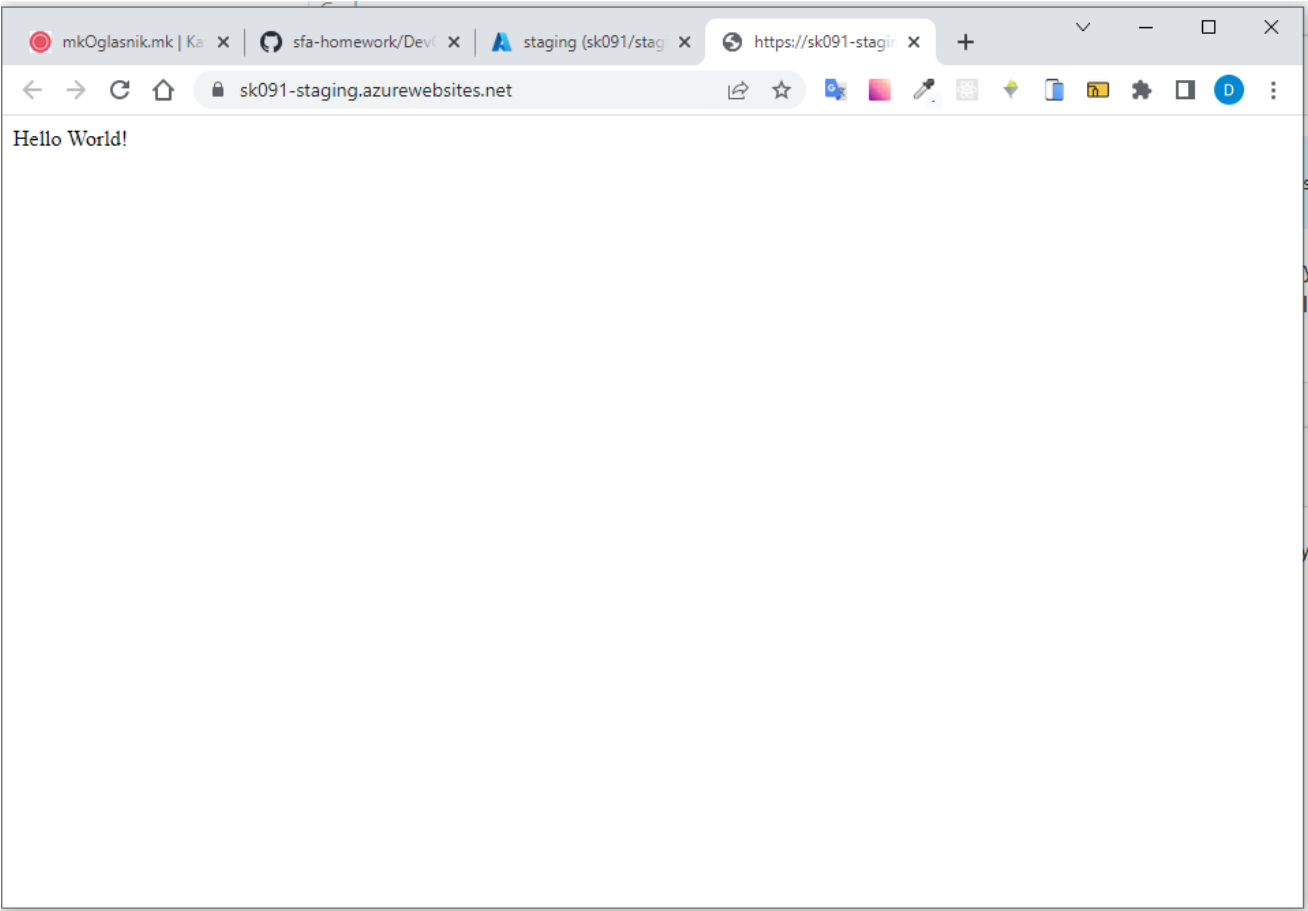
```
git remote add [deployment_user_name] [git_clone_url]

git remote add darevski https://github.com/Azure-Samples/php-docs-hello-world
```


Verify that the browser page displays the Hello World! message and close the new tab.

Task 5: Swap the staging slots

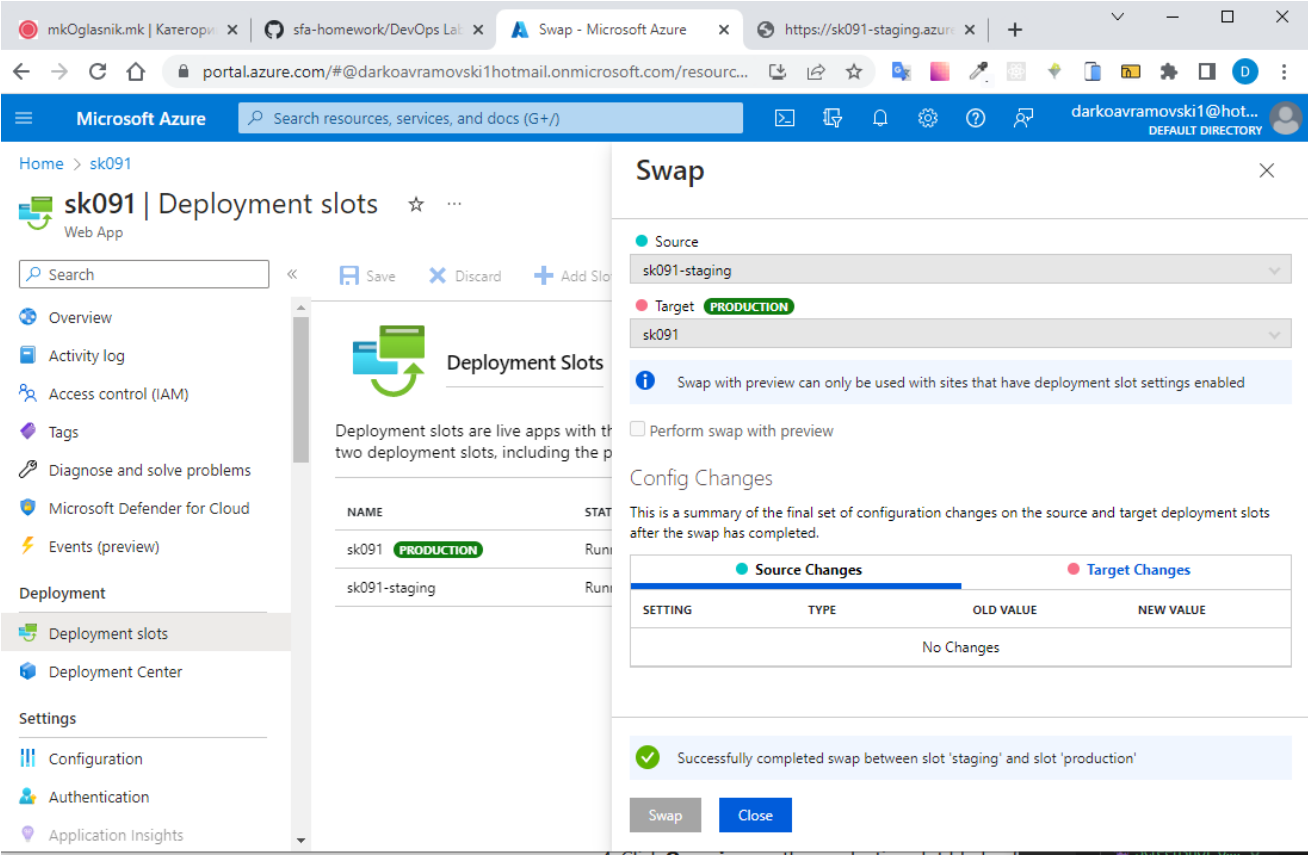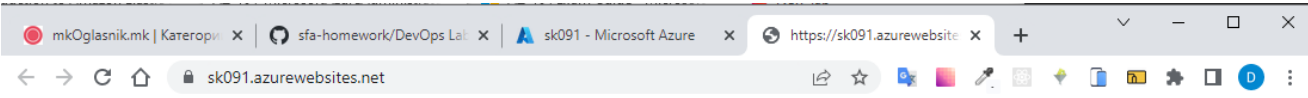In the **eployment section**, click **Deployment** slots and then, click **Swap** toolbar icon.
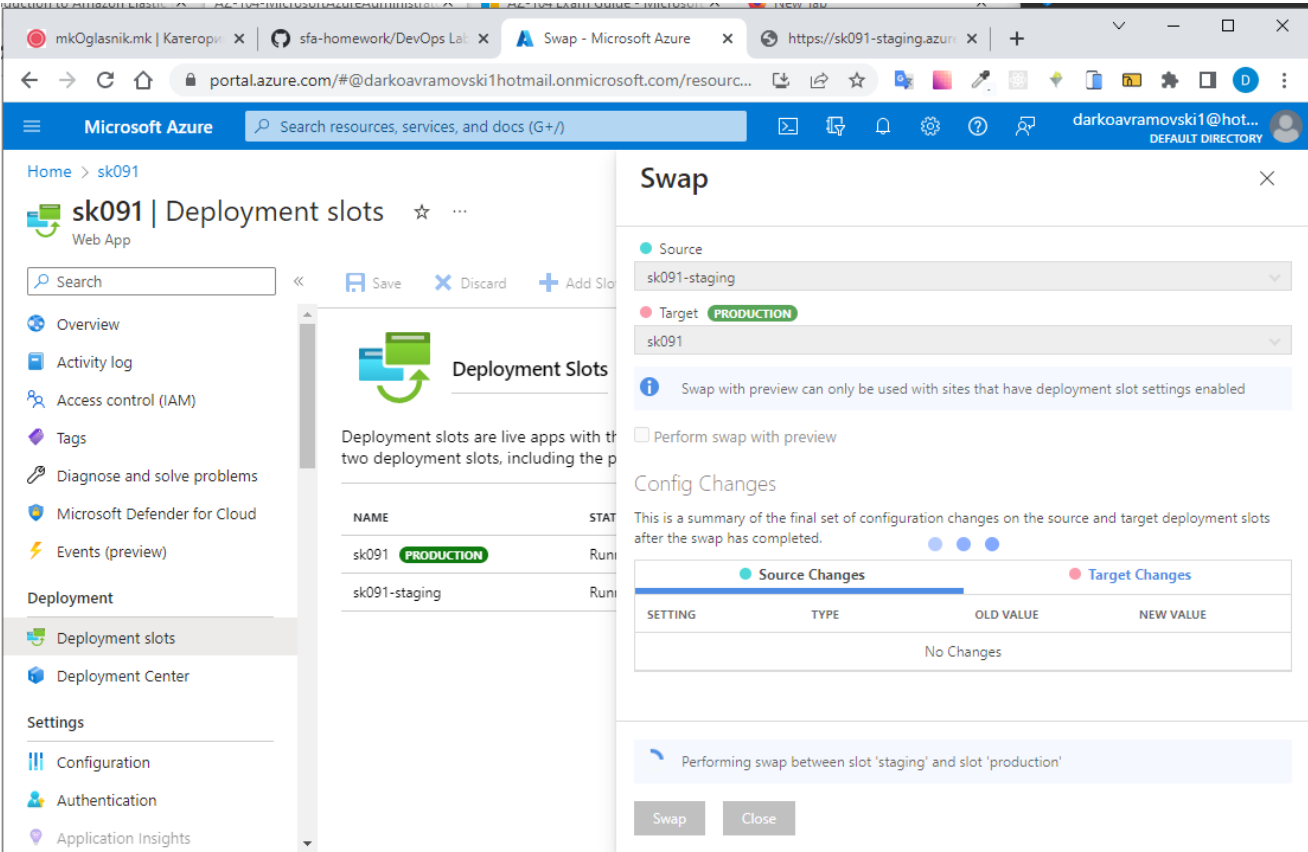
Click **Overview** on the production slot blade of the web app and then click the **URL** link to display the web site home page in a new browser tab.

Task 6: Configure and test autoscaling of the Azure web app

In this task, you will configure and test autoscaling of Azure web app. Not wo

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