




TIES 4560-TASK5

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An abstract background on the left side of the slide featuring a complex network of thin, dark blue lines connecting various points, creating a web-like or molecular structure against a light blue gradient.

DEPLOYING REST WEBSERVICE IN CLOUD (AZURE)

- Setting Up Web Services
 - Use FTP Credentials (For .war Files)
 - Configure Filezilla & Connect With Azure
 - Deploy Project & Access the URL
- 
- A horizontal decorative bar at the bottom right of the slide, featuring a smooth gradient from a light orange on the left to a dark purple on the right.

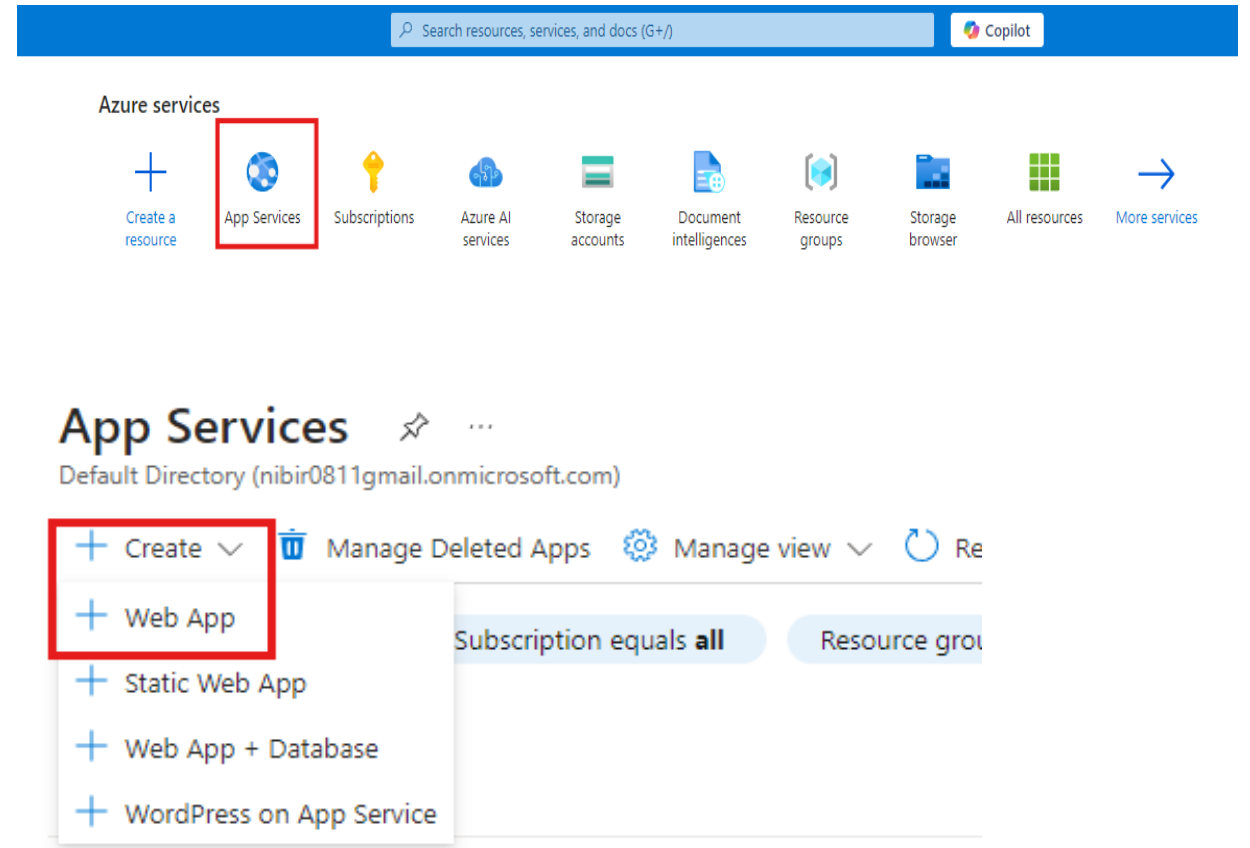
SETTING UP WEB SERVICES

- Use Credit Card to Subscribe to Azure Subscription
- Pay 1\$ and Use the Free Subscription of Azure Service



SETTING UP WEB SERVICES

- Select App Service
- Create Web App



SETTING UP WEB SERVICES

- Select Subscription Type
- Create Resource Group
- Provide Web App Name
- Select “Code” from “Publish” Section
- Select Runtime Stack
- Select Operating System
- Select Region
- Select App Service Plan
- Click “Review+Create”

Home > App Services > Create Web App

Basics Database Deployment Networking Monitor + secure Tags Review + create

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Resource Group * [Create new](#)

Instance Details

Name .azurewebsites.net

☒ Unique default hostname (preview) on. [More about this update](#)

Publish * ☒ Code ☐ Container ☐ Static Web App

Runtime stack *

Operating System ☒ Linux ☐ Windows

Region *

Not finding your App Service Plan? Try a different region or select your App Service Environment.

Pricing plans

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

Linux Plan (Canada Central) [Select a resource group before selecting a plan.](#)

Zone redundancy

An App Service plan can be deployed as a zone redundant service in the regions that support it. This is a deployment time only decision. You can't make an App Service plan zone redundant after it has been deployed. [Learn more](#)

Zone redundancy ☐ Enabled: Your App Service plan and the apps in it will be zone redundant. The minimum App Service plan instance count will be three. ☒ Disabled: Your App Service Plan and the apps in it will not be zone redundant. The minimum App Service plan instance count will be one.

[Review + create](#) < Previous Next : Database >

Home > App Services > Create Web App

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[Review + create](#) < Previous Next : Database >

SETTING UP WEB SERVICES

- Web App is Created
- Information of Web App is Shown in a Dashboard
- Default Domain is Created
- Click on Deployment Center

The screenshot shows the Azure portal interface for a Web App named 'rest-api'. The left sidebar contains a navigation menu with options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Events (preview), Better Together (preview), Log stream, Deployment, Deployment slots, Deployment Center, Settings, Performance, App Service plan, Development Tools, API, and Monitoring. The main content area displays the 'Overview' page, which includes a search bar, action buttons (Browse, Stop, Swap, Restart, Delete, Refresh, Download publish profile, Reset publish profile, Share to mobile, Send your feedback), and a 'JSON View' link. The 'Essentials' section shows key information: Resource group (SOA_Test), Status (Running), Location (North Europe), Subscription (Azure subscription 1), and Subscription ID. The 'Properties' section lists the Web app name (rest-api), Publishing model (Code), and Runtime Stack (Java - 21). The 'Domains' section shows the Default domain (rest-api-f2hkddhsdzhwgb5.northeurope-01.azurewebsites.net) and a link to Add custom domain. The 'Deployment Center' section shows Deployment logs, Last deployment (Loading deployments...), and Deployment provider (LocalGit). The 'Application Insights' section shows the Name (rest-api) and Region (North Europe).

This screenshot is identical to the one above, showing the Azure portal interface for the 'rest-api' Web App. The only difference is that the 'Deployment Center' link in the left sidebar navigation menu is highlighted with a red rectangle, indicating the next step in the setup process.

USE FTP CREDENTIALS(.WAR FILES)

- Select Local Git
- Navigate to Local Git/FTPS Credentials
- Save the Process
- FTP Endpoint, Username & Password will be Created

Home > rest-api

rest-api | Deployment Center

Web App

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Microsoft Defender for Cloud

Events (preview)

Better Together (preview)

Log stream

Deployment

Deployment slots

Deployment Center

Settings

Performance

Settings

Logs

Local Git/FTPS credentials

Deploy and build code from your preferred source and build provider. [Learn more](#)

Source

Local Git

Disconnect

Local Git

Git Clone Uri

https://rest-api-f2hkddhsdzhwgbe5.scm.northeurope-01.azurewebsites.net:443/rest-api.git

Build

Build provider

App Service Build Service

Runtime stack

Java

Version

21

Home > rest-api

rest-api | Deployment Center

Web App

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Microsoft Defender for Cloud

Events (preview)

Better Together (preview)

Log stream

Deployment

Deployment slots

Deployment Center

Settings

Performance

App Service plan

Development Tools

API

Monitoring

Automation

Support + troubleshooting

Settings

Logs

Local Git/FTPS credentials

App Service supports multiple technologies to access, publish and modify the content of your app. FTPS credentials can be scoped to the application or the user.

FTP endpoint

Git Clone Uri

https://rest-api-f2hkddhsdzhwgbe5.scm.northeurope-01.azurewebsites.net:44...

Application scope

Application scope credentials are auto-generated and provide access only to this specific app or deployment slot. These credentials can be used with FTPS, Local Git and WebDeploy. They cannot be configured manually, but can be reset anytime. [Learn more](#)

FTP Username

Local Git Username

Password

Reset

User scope

User scope credentials are defined by you, the user, and can be used with all the apps to which you have access. These credentials can be used with FTPS, Local Git and WebDeploy. Authenticating to an FTPS endpoint using user-level credentials requires a username in the following format: 'rest-api(your username)'. Authenticating with Git requires only the username 'your username' defined below. [Learn more](#)

Username

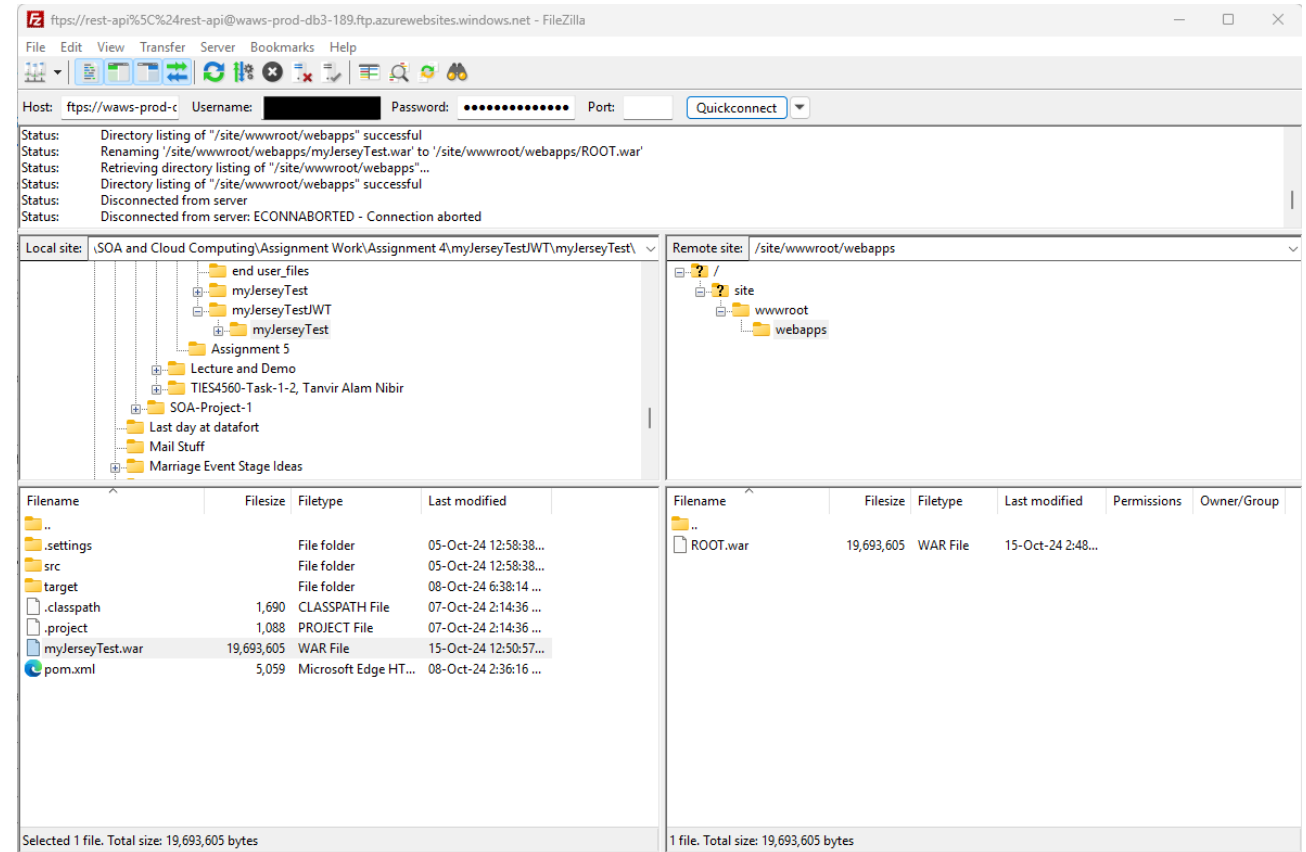
Password

Confirm Password

Reset

CONFIGURE FILEZILLA & CONNECT WITH AZURE

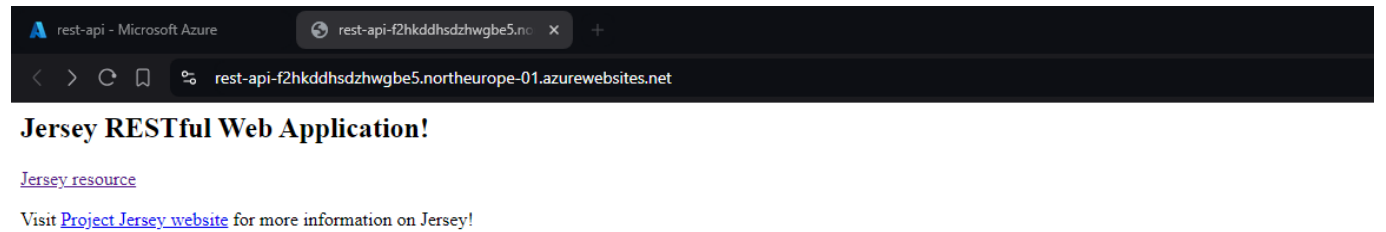
- Download and Install Filezilla
- Connect to Azure using the FTPS Credentials
- Create “webapps” Folder
- Upload .war File to “webapps” Folder
- Rename the .war File to “ROOT.war”



DEPLOY PROJECT & ACCESS THE URL

- Restart the Web App
- Access the Web Project by Clicking the Default Domain URL

Default domain	: rest-api-f2hkddhsdzhwgb5.northeurope-01.azurewebsites.net
App Service Plan	: ASP-SOATest-8825
Operating System	: Windows
Health Check	: Not Configured
Git/Deployment username	:
Git clone url	: https://null@rest-api-f2hkddhsdzhwgb5.scm.northeurope-01.azurewebsites.net/rest-api....





THANK YOU