**Step by Step Azure CLI commands**

1. **Set Variables**

# Customize these

resourceGroup="MyResourceGroup"

location="eastus"

appServicePlan="MyAppServicePlan"

webAppName="my-unique-webapp-name-1234" # Must be globally unique

osType="Linux" # "Linux" or "Windows"

runtime="NODE|18-lts" # Only for Linux

sku=F1 # F1, D1, B1, B2, B3, S1, S2, S3, P1v2, , P2v2, , P3v2, P1v3, P2v3, P2v3, I1, I2, I3, I1v2, I2v2, I3v2

1. **Create Resource Group**

az group create --name $resourceGroup --location $location

1. **Create App Service Plan**

**# For Linux**

az appservice plan create \

--name $appServicePlan \

--resource-group $resourceGroup \

--location $location \

--sku $sku \

--is-linux

**# For Windows**

az appservice plan create \

--name $appServicePlan \

--resource-group $resourceGroup \

--location $location \

--sku $sku

1. **Create Web App**

**# For Linux**

**az webapp create \**

**--resource-group $resourceGroup \**

**--plan $appServicePlan \**

**--name $webAppName \**

**--runtime "$runtime"**

**# For Windows**

**az webapp create \**

**--resource-group $resourceGroup \**

**--plan $appServicePlan \**

**--name $webAppName**

1. **Set Environment Variables**

az webapp config appsettings set \

--name $webAppName \

--resource-group $resourceGroup \

--settings ENVIRONMENT=Production MySecret=SuperSecret123

1. **Delete Web App**

**az webapp delete --name $webAppName --resource-group $resourceGroup**

1. **Delete App Service Plan**

**az appservice plan delete --name $appServicePlan --resource-group $resourceGroup**

1. **Delete Resource Group**

az group delete --name $resourceGroup --yes --no-wait

1. **Create Deployment Slot**

slotName="staging"

az webapp deployment slot create \

--name $webAppName \

--resource-group $resourceGroup \

--slot $slotName

1. **Set Environment Variables for Slot**

az webapp config appsettings set \

--name $webAppName \

--resource-group $resourceGroup \

--slot $slotName \

--settings ENVIRONMENT=Staging MySecret=SlotSecret456

1. **Swap Slots**

**az webapp deployment slot swap \**

**--name $webAppName \**

**--resource-group $resourceGroup \**

**--slot $slotName \**

**--target-slot production**

1. **Deploy via ZIP**

**az webapp deployment source config-zip \**

**--resource-group $resourceGroup \**

**--name $webAppName \**

**--src /path/to/your/app.zip**

1. **Configure GitHub Deployment**

**az webapp deployment source config \**

**--name $webAppName \**

**--resource-group $resourceGroup \**

**--repo-url https://github.com/username/repo \**

**--branch main \**

**--manual-integration**

1. **Force HTTPS Only**

**az webapp update \**

**--name $webAppName \**

**--resource-group $resourceGroup \**

**--https-only true**

1. **Scale App Plan**

**az appservice plan update \**

**--name $appServicePlan \**

**--resource-group $resourceGroup \**

**--number-of-workers 3**

1. **Enable Diagnostic Logs**

**az webapp log config \**

**--name $webAppName \**

**--resource-group $resourceGroup \**

**--application-logging filesystem \**

**--web-server-logging filesystem \**

**--detailed-error-messages true \**

**--failed-request-tracing true**

1. **View Logs (Live Streaming)**

**az webapp log tail --name $webAppName --resource-group $resourceGroup**

1. **List Available SKUs**

az appservice list-skus --location eastus --output table