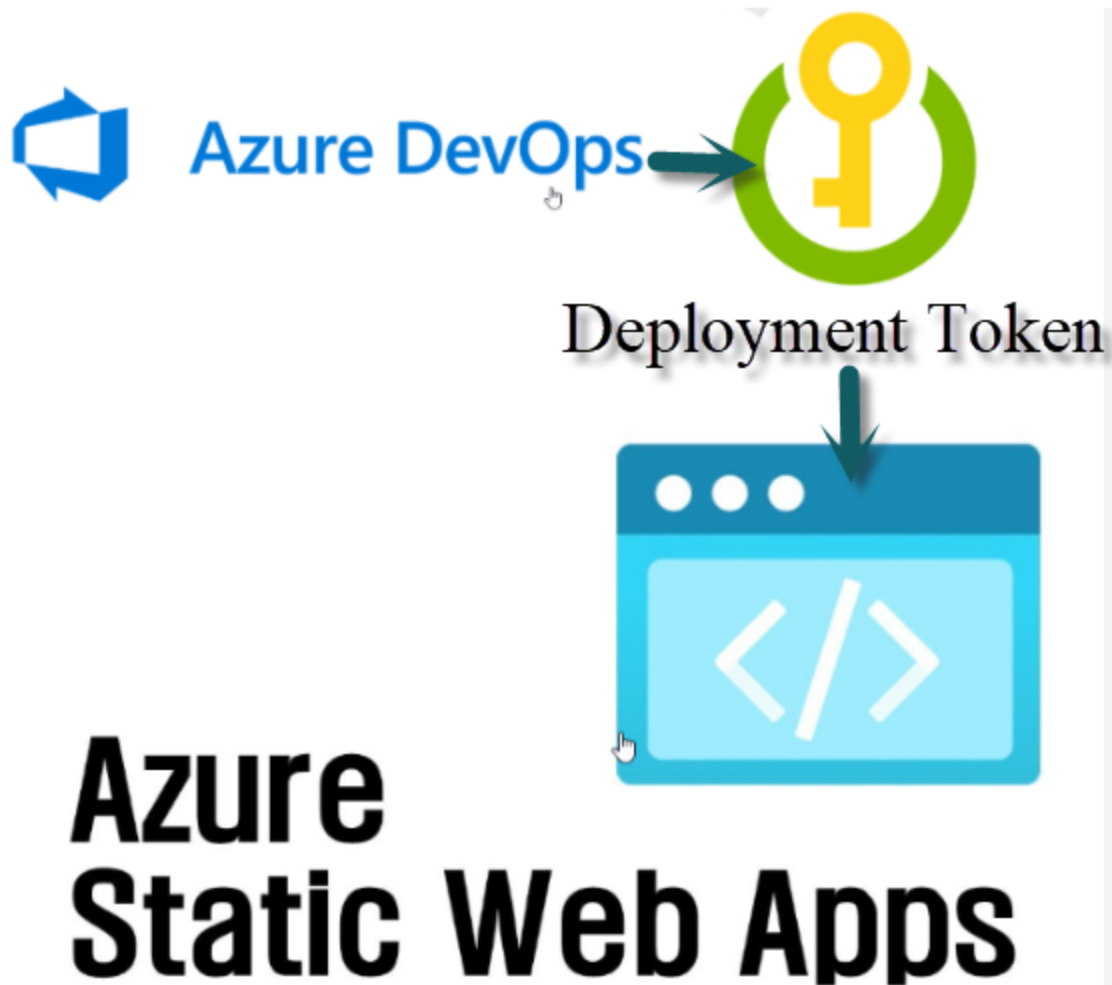


Stories 7: Deploy Ims frontend using pipelines to static web app

Deployment Token:

In Azure, a deployment token is typically used in scenarios where you want to automate deployments from a CI/CD (Continuous Integration/Continuous Deployment) system, such as Azure DevOps , without using explicit credentials in your scripts or pipelines.

Azure DevOps pipelines will deploy to particular resource .. eg azure static web app service



Lab : To Deploy Front using Azure pipelines

Steps :

Create A static web app

Create a Pipeline and

Deploy using static webapp using deployment tokens

Step 1: Create a static web app

[Home](#) > [Static Web Apps](#) >

Create Static Web App ...

[Basics](#) [Tags](#) [Review + create](#)

App Service Static Web Apps is a streamlined, highly efficient solution to take your static app from source code to global high availability. Pre-rendered content is distributed globally with no web servers required. [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 * ⓘ

Pay-As-You-Go

Resource Group * ⓘ

(New) frontenddeploy_group

[Create new](#)

Static Web App details

Name *

frontenddeploy ✓

Hosting plan

The hosting plan dictates your bandwidth, custom domain, storage, and other available features. [Compare plans](#)

Plan type



Free: For hobby or personal projects



Standard: For general purpose production apps

Azure Functions and staging details

Region for Azure Functions API and staging environments *

Central US

Deployment details

Source



GitHub



Azure DevOps



Other

for pipelines



Select this option to use other deployment methods. After the app is created, open it and follow the instructions to deploy your app.

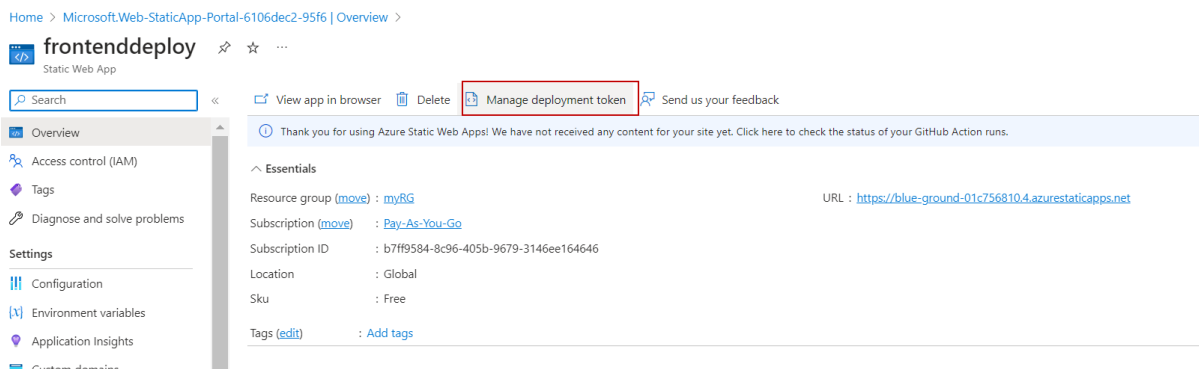
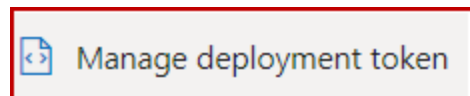


[Review + create](#)

[< Previous](#)

[Next : Tags >](#)

step 2 : Copy the Deployment token and use it in pipelines



Manage deployment token



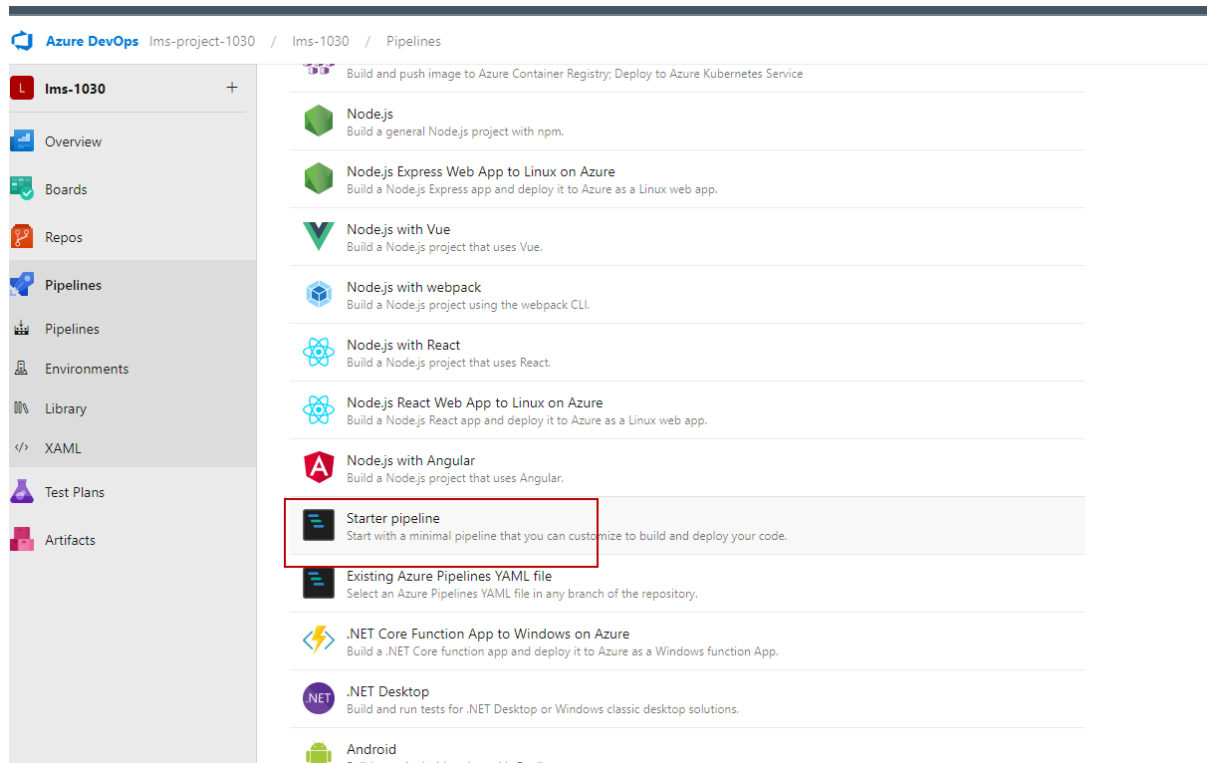
This token is used by deployment workflows to authenticate with the Static Web App.

Deployment token

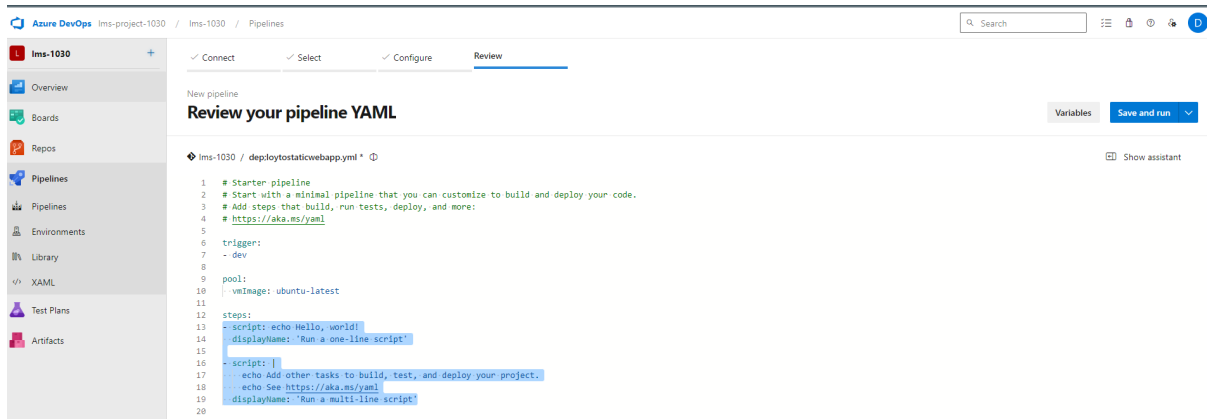
Copy to clipboard

016968a37adcf2b09489818a15786b7dbe407430fb2cfc7a2a77bd7d4f62160e4-d29aa08... 

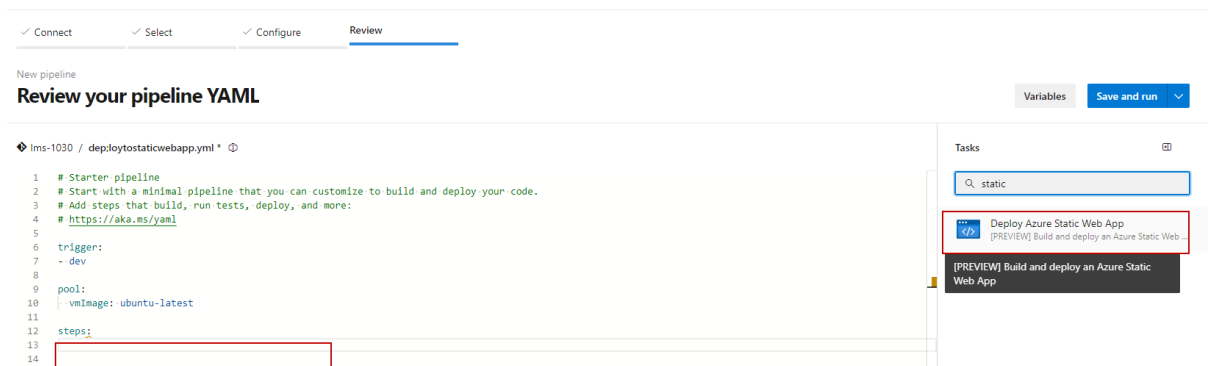
Step 3 : Create a Pipeline



Remove the default



Search for static web app



New pipeline

Review your pipeline YAML

ims-1030 / deploytostaticwebapp.yml

```

9 pool:
10   vmImage: ubuntu-latest
11
12 steps:
13
14

```

Config file location

Skip app build

☒ Skip api build

☐ Set static export

☒ Verbose

Build timeout in minutes

Azure Static Web Apps api token

Deployment Environment

Production Branch

Data api location

Variables

Save and run

Deploy Azure Static Web App

Working directory

App location

App build command

Output location

Api location

Api build command

Routes location

About this task

Add

Add azure_static_web_apps_api_token: Copy token from static web app as shown below

```

steps:
  Settings
  - task: AzureStaticWebApp@0
    Inputs:
      app_location: 'webapp'
      app_build_command: 'npm run build'
      output_location: 'dist'
      skip_app_build: true
      azure_static_web_apps_api_token: "016968a37adcf2b09489818a15786b7dbe407430fb2cfc7a2a77bd7d4f62160e4-d29aa087-0e42-49fa-8071-d5000dbf1181010335123"
      verbose: true






```


Save and run

← Jobs in run #20240226.1

Ims-1030 (3)

Jobs


▼	 Job	51s
	Initialize job	<1s
	Checkout Ims-1030@dev to s	1s
	AzureStaticWebApp	48s
	Post-job: Checkout Ims-1030@dev t...	

 AzureStaticWebApp

```
1 Starting: AzureStaticWebApp
2 =====
3 Task      : Deploy Azure Static Web App
4 Description : [PREVIEW] Build and deploy an Azure
5 Version    : 0.228.0
6 Author     : Microsoft Corporation
7 Help       : https://aka.ms/swadocs
8 =====
9 /usr/bin/bash /home/vsts/work/_tasks/AzureStaticWebApp
10 stable: Pulling from appsvc/staticappsc
11 d1da99c2f148: Pulling fs layer
12 577ff23cfe55: Pulling fs layer
13 4f4fb700ef54: Pulling fs layer
14 8ad0174b54d1: Pulling fs layer
15 1cab09709e3d: Pulling fs layer
16 50df470da120: Pulling fs layer
17 ee9a6d5ae1e7: Pulling fs layer
18 443ffe03b1a7: Pulling fs layer
19 d6fa8d0f7a05: Pulling fs layer
20 9676276d1e82: Pulling fs layer
21 920d577acc7: Pulling fs layer
22 13c8e58a7fce: Pulling fs layer
23 08b6a5819017: Pulling fs layer
24 466344463e40: Pulling fs layer
25 41778669d83e: Pulling fs layer
26 ec98153aa6eb: Pulling fs layer
27 61d22bb66810: Pulling fs layer
28 9b53145609e7: Pulling fs layer
29 8ad0174b54d1: Waiting
30 1cab09709e3d: Waiting
31 50df470da120: Waiting
32 ee9a6d5ae1e7: Waiting
33 443ffe03b1a7: Waiting
34 466344463e40: Waiting
```


blue-ground-01c756810.4.azurestaticapps.net/login

Apps Zoho Desk Zoho Calendar One platform to co... notion aws login NB Tech Support ko..

 **Digital Lync**

Welcome to
India's #1 Training Institute

Username

Password

LOGIN

Pipeline yaml code:

```
# Starter pipeline
# Start with a minimal pipeline that you can customize to build and deploy your code
# Add steps that build, run tests, deploy, and more:
# https://aka.ms/yaml

trigger:
```

```
- dev

pool:
  vmImage: ubuntu-latest

steps:
- task: AzureStaticWebApp@0
  inputs:
    app_location: 'webapp'
    app_build_command: 'npm run build'
    output_location: 'dist'
    skip_api_build: true
    azure_static_web_apps_api_token: "ff5079bca772fc8a94abe64"
    verbose: true
```