Stories 5 : Build LMS Frontend on Azure Static web app

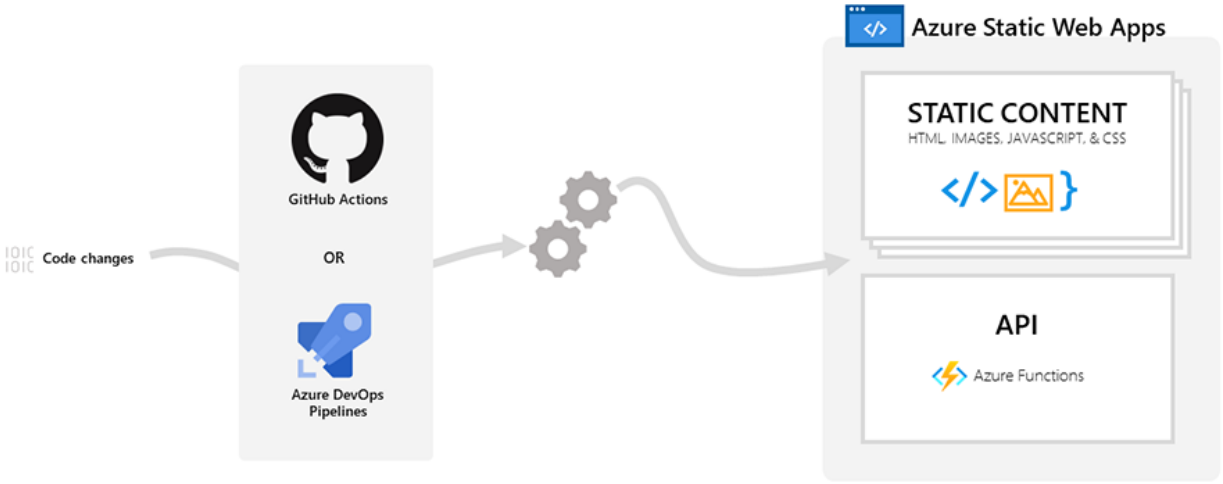
: Build LMS Frontend on Azure Static web app

Building a Learning Management System (LMS) Frontend on Azure static App Service involves several steps. Here's a high-level overview of the process:

- [ ] login to azure
- [ ] clone the GitHub to azure
- [ ] create a static app service for frontend

Azure Static Web Apps:

Azure Static Web Apps is a service that simplifies the deployment and hosting of static web applications. Static web apps are typically front-end applications that consist of HTML, CSS, JavaScript, and other static files. Examples include single-page applications (SPAs) and static websites.



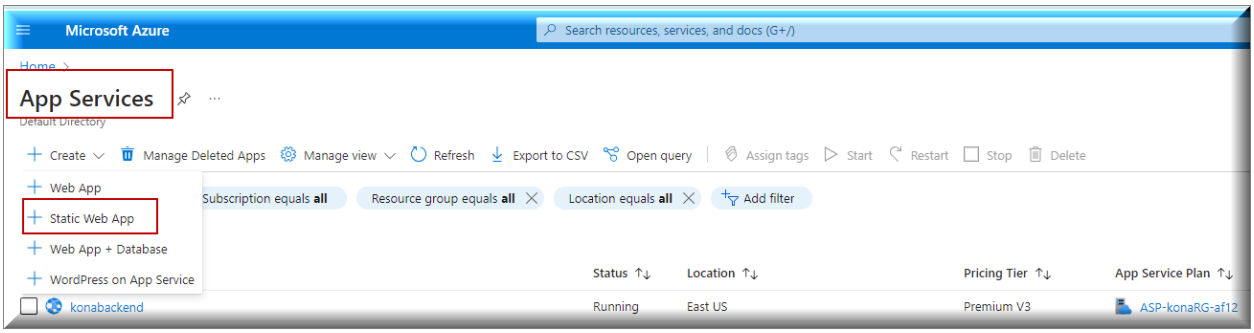
Key features of Azure Static Web Apps include:

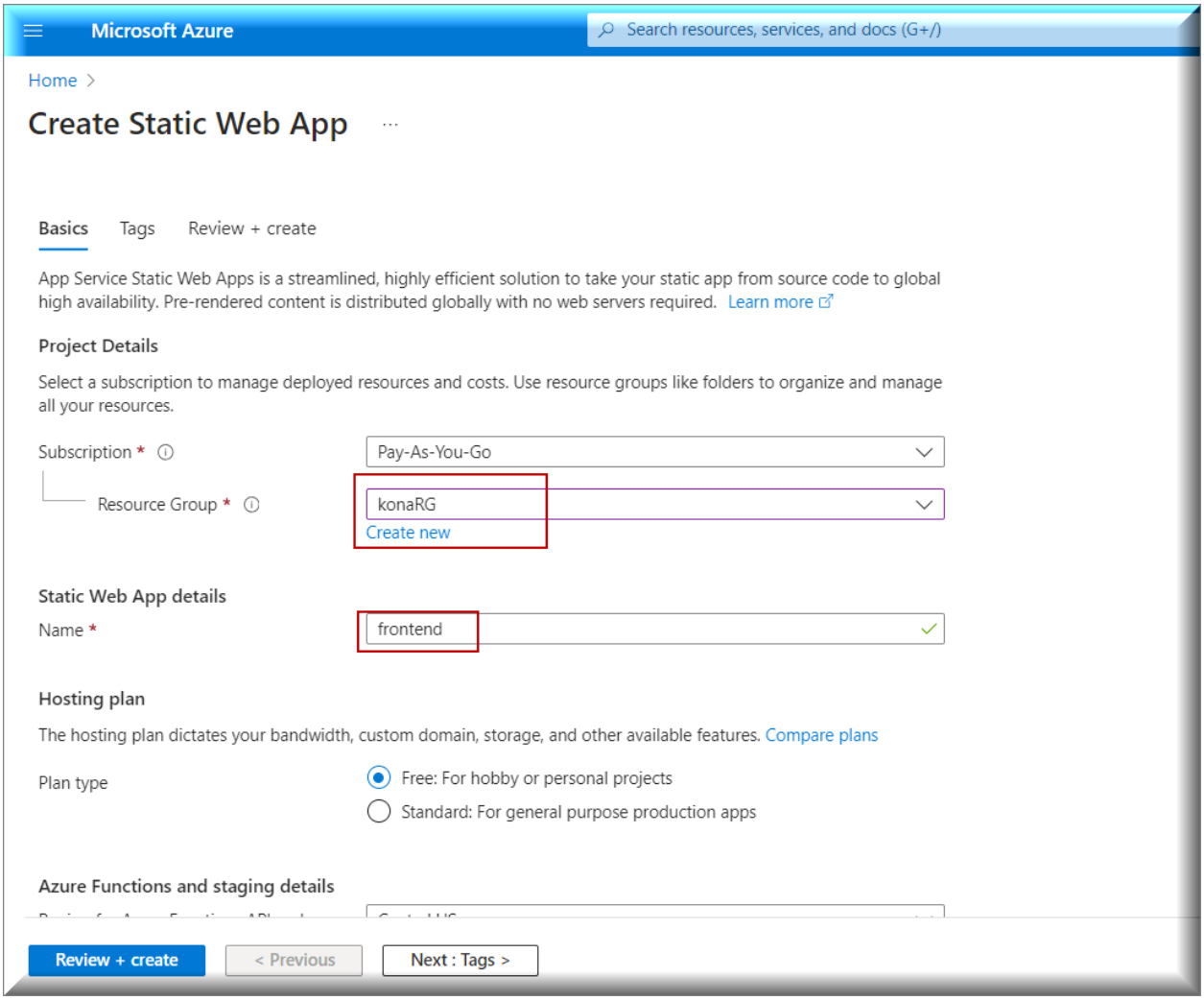
1. **Static Content Hosting:** Host static web content directly from Azure Storage.
2. **Serverless APIs:** Integrate serverless APIs seamlessly using Azure Functions. This allows you to add dynamic functionality to your static web app.
3. **Automatic Deployment:** Connect your app to a supported repository (like GitHub) for automatic deployment on each code commit.
4. **Custom Domains:** Easily configure custom domains for your static web apps.
5. **Authentication and Authorization:** Implement authentication and authorization using Azure Active Directory or other identity providers.
6. **Global CDN Integration:** Leverage Azure CDN (Content Delivery Network) for global content delivery, ensuring low-latency access for users worldwide.

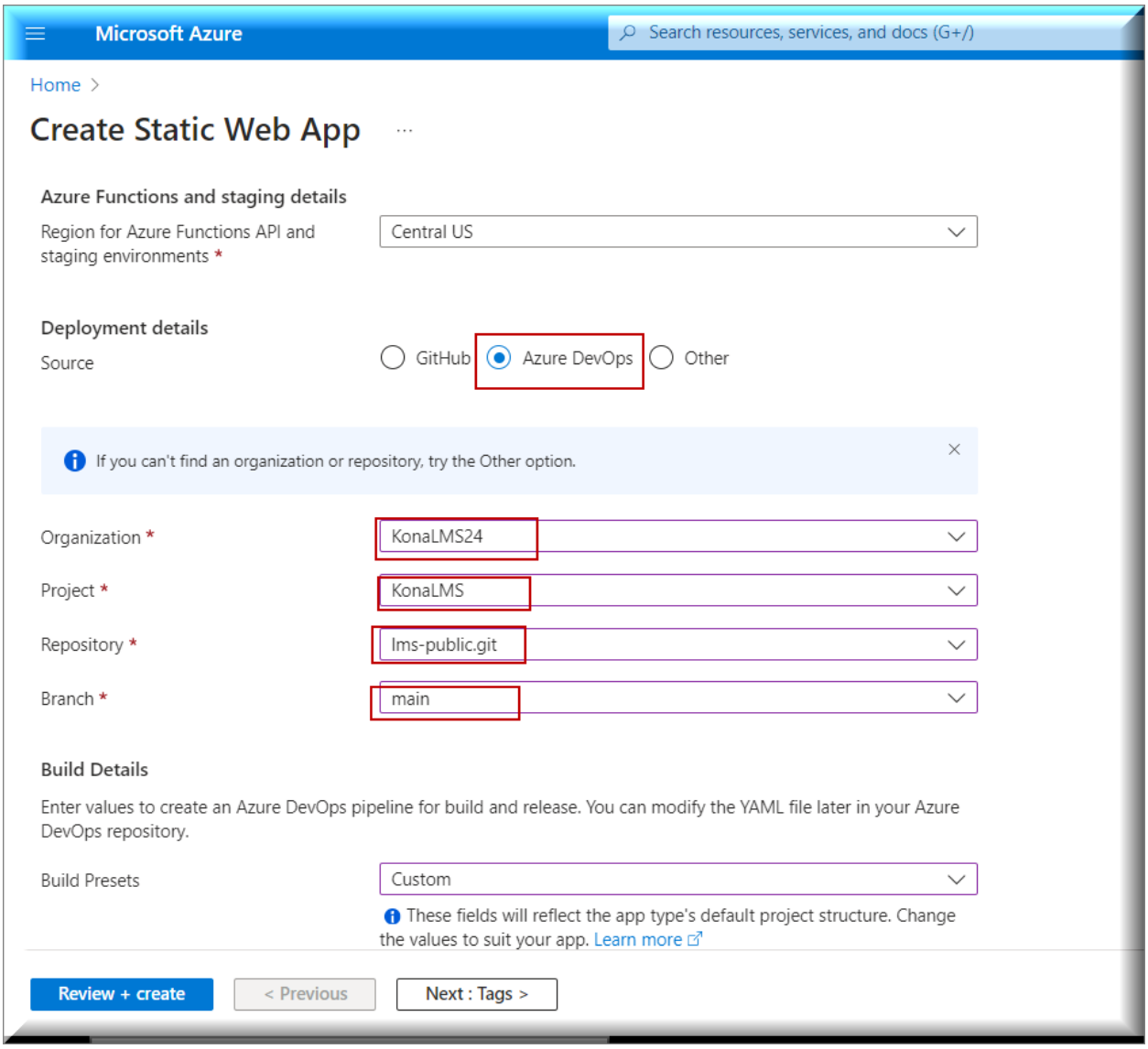
To deploy a static web app using Azure Static Web Apps, you generally connect your code repository to the Azure portal, and the service takes care of the deployment process. It's designed to provide a simple and streamlined experience for developers working with static content.

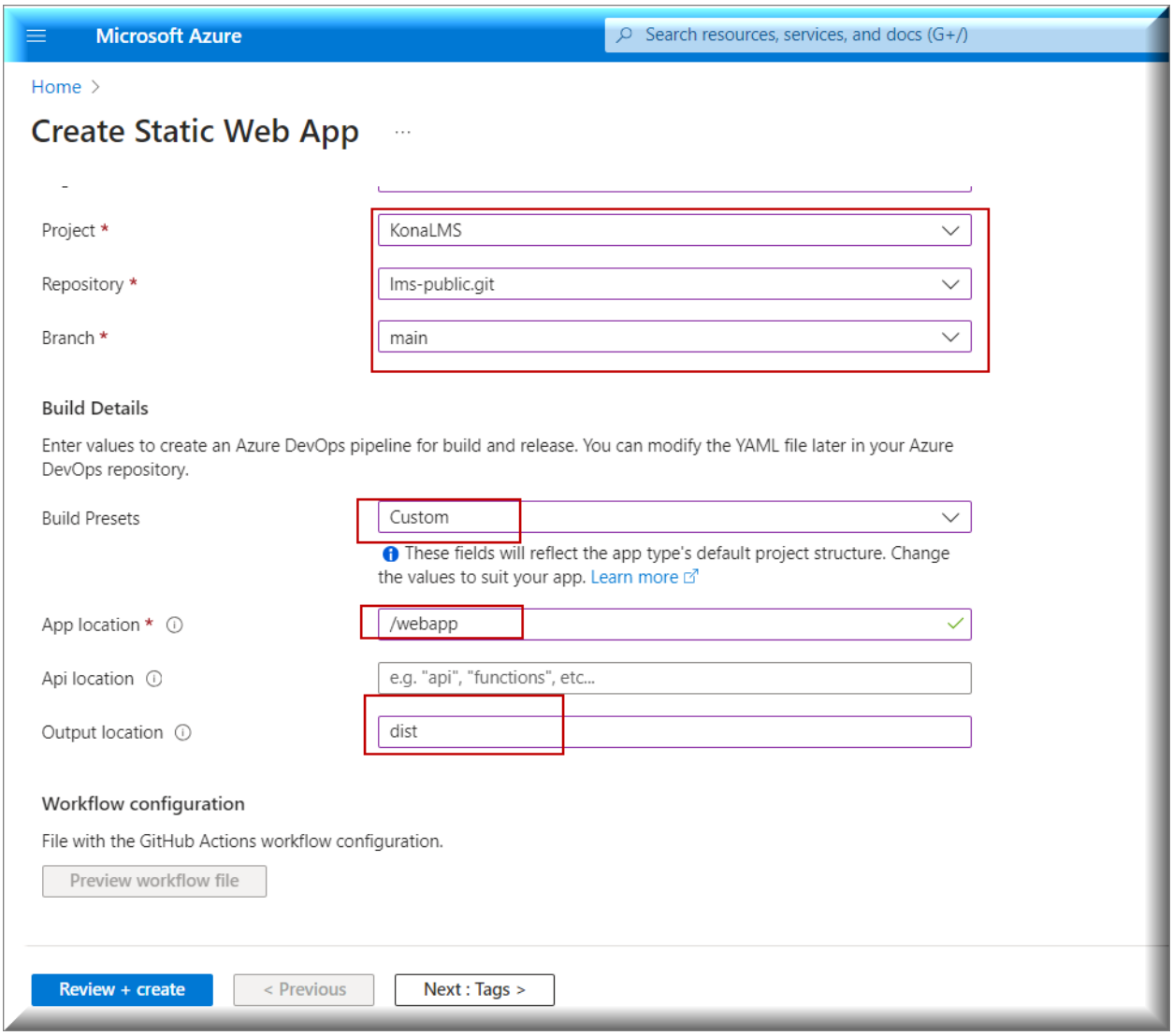
Repo link

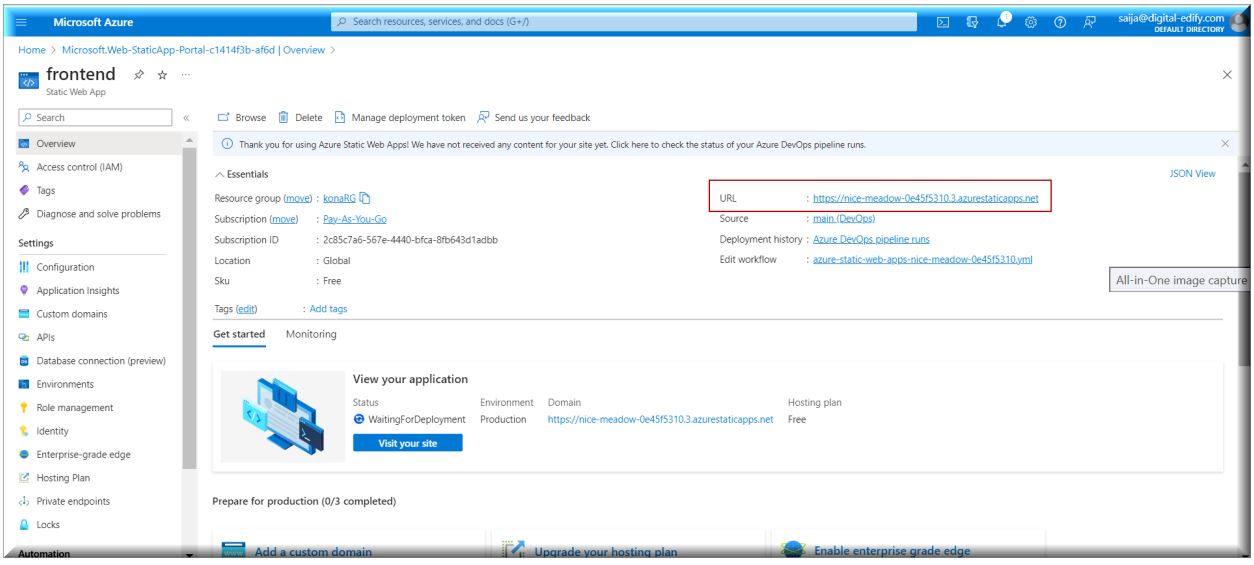
https://github.com/digitaledify/lms-public-services-project.git

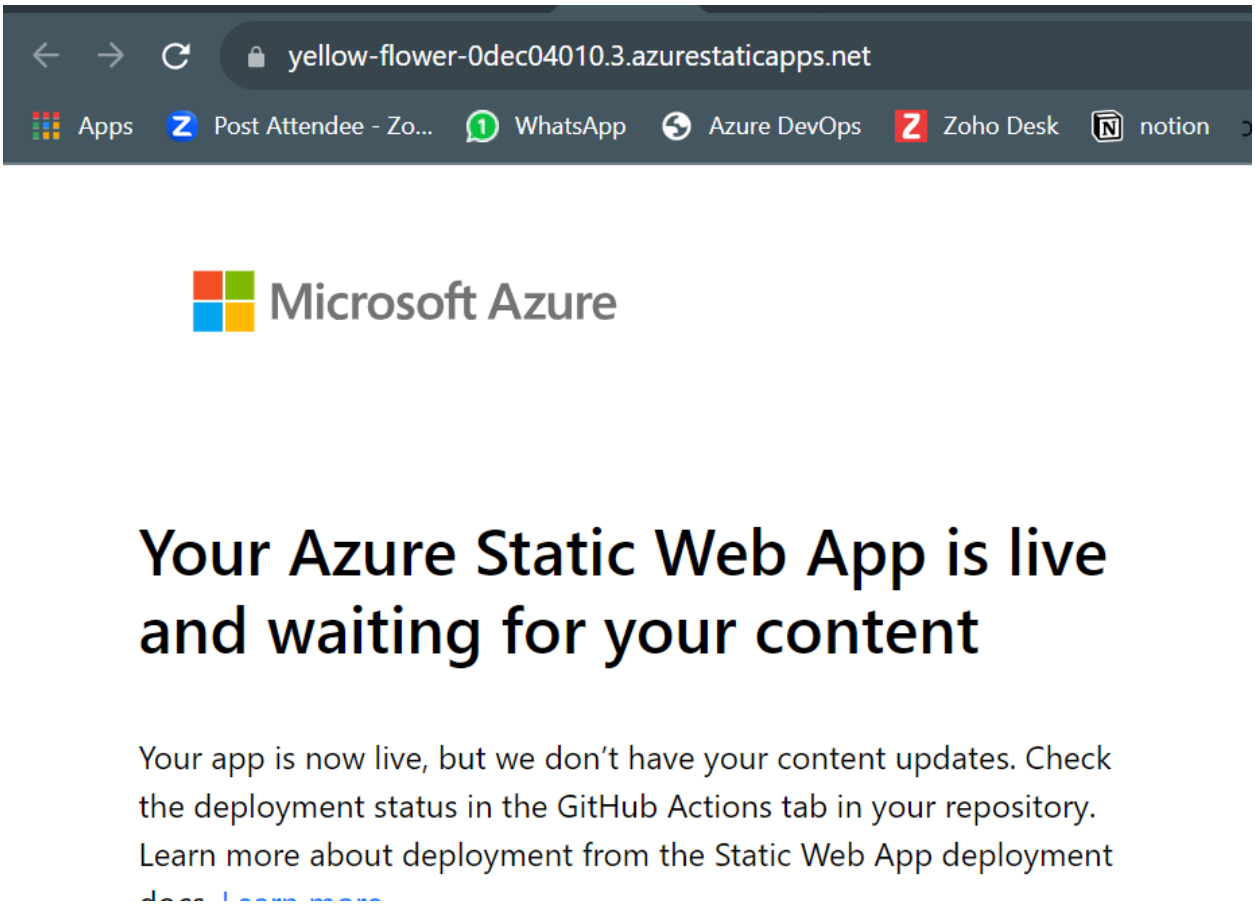





Microsoft Azure
Search resources, services, and docs (G+/)
Home
Create Static Web App
Azure Functions and staging details
Region for Azure Functions API and staging environments *
Central US
Deployment details
Source
GitHub
Azure DevOps
Other
If you can't find an organization or repository, try the Other option.
Organization *
KonaLMS24
Project *
KonaLMS
Repository *
lms-public.git
Branch *
main
Build Details
Enter values to create an Azure DevOps pipeline for build and release. You can modify the YAML file later in your Azure DevOps repository.
Build Presets
Custom
These fields will reflect the app type's default project structure. Change the values to suit your app. Learn more
Review + create
< Previous
Next : Tags >


Microsoft Azure
Search resources, services, and docs (G+/)
Home
Create Static Web App
Project *
KonaLMS
Repository *
lms-public.git
Branch *
main
Build Details
Enter values to create an Azure DevOps pipeline for build and release. You can modify the YAML file later in your Azure DevOps repository.
Build Presets
Custom
These fields will reflect the app type's default project structure. Change the values to suit your app. Learn more
App location *
/webapp
Api location
e.g. "api", "functions", etc...
Output location
dist
Workflow configuration
File with the GitHub Actions workflow configuration.
Preview workflow file
Review + create
< Previous
Next : Tags >


Microsoft Azure
Search resources, services, and docs (G+/)
saija@digital-edify.com
DEFAULT DIRECTORY
Home > Microsoft.Web-StaticApp-Portal-c1414f3b-af6d | Overview >
frontend
Static Web App
Search
Browse
Delete
Manage deployment token
Send us your feedback
Overview
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Configuration
Application Insights
Custom domains
APIs
Database connection (preview)
Environments
Role management
Identity
Enterprise-grade edge
Hosting Plan
Private endpoints
Locks
Thank you for using Azure Static Web Apps! We have not received any content for your site yet. Click here to check the status of your Azure DevOps pipeline runs.
Essentials
JSON View
Resource group (move) : konaRG
Subscription (move) : Pay-As-You-Go
Subscription ID : 2c85c7a6-567e-4440-bfca-8fb643d1adbb
Location : Global
Sku : Free
Tags (edit) : Add tags
URL : https://nice-meadow-0e45f5310.3.azurestaticapps.net
Source : main (DevOps)
Deployment history : Azure DevOps pipeline runs
Edit workflow : azure-static-web-apps-nice-meadow-0e45f5310.yml
All-in-One image capture
Get started
Monitoring
View your application
Status
Environment
Domain
Hosting plan
WaitingForDeployment
Production
https://nice-meadow-0e45f5310.3.azurestaticapps.net
Free
Visit your site
Prepare for production (0/3 completed)
Add a custom domain
Upgrade your hosting plan
Enable enterprise grade edge



Note : Update .env file in webapp the backend url.

Your Courses