



Stories 2 : Build LMS Frontend on Azure Static web app

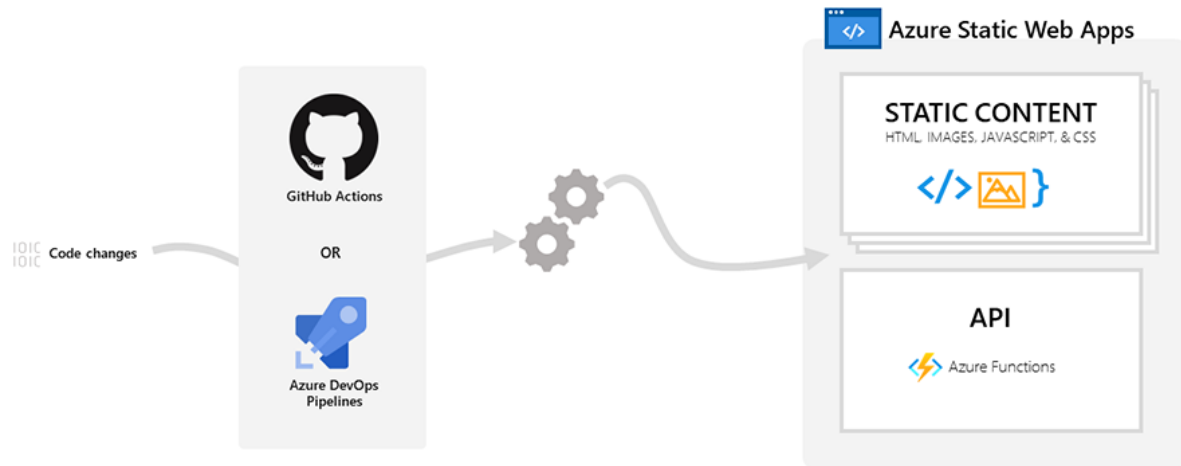


Building a Learning Management System (LMS) Frontend on Azure static App Service involves several steps. Here's a high-level overview of the process:

- ☐ 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.



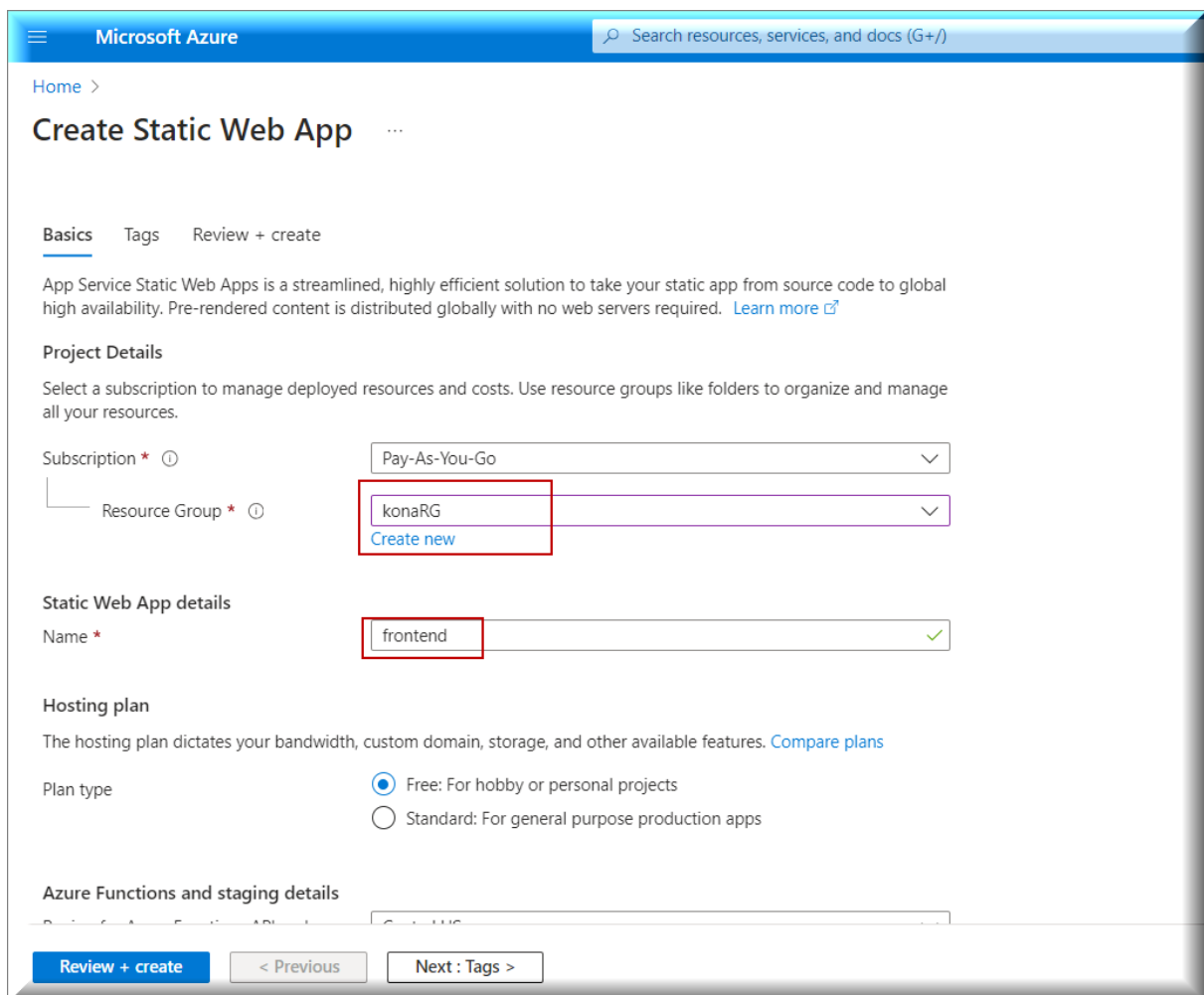
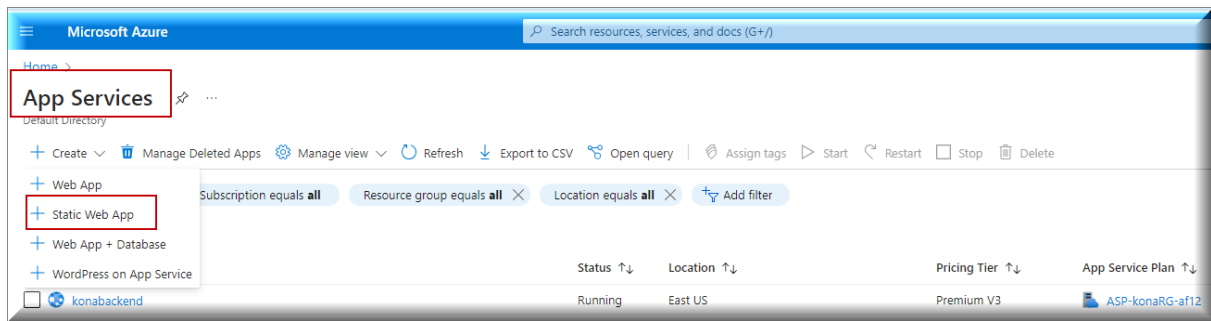
Key features of Azure Static Web Apps include:

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>



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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

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

If you can't find an organization or repository, try the Other option.

Organization *

KonaLMS24

Project *

KonaLMS

Repository *

lms-public.git

Branch *

main

These fields will reflect the app type's default project structure. Change the values to suit your app. [Learn more](#)

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Create Static Web App ...

Project *

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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

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frontend

Static Web App

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Diagnose and solve problems

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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.

JSON View

URL : <https://nice-meadow-0e45f53103.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

View your application

Status

WaitingForDeployment

Environment

Production

Domain

<https://nice-meadow-0e45f53103.azurestaticapps.net>

Hosting plan

Free

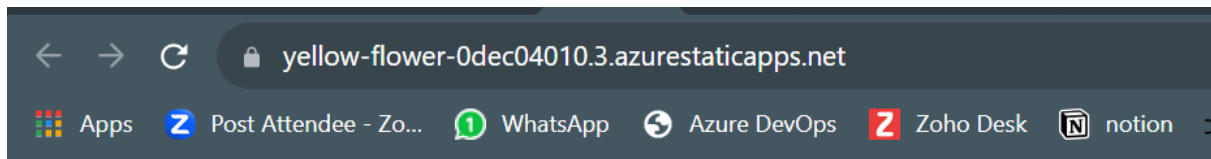
Visit your site

Prepare for production (0/3 completed)

Add a custom domain

Upgrade your hosting plan

Enable enterprise grade edge



Your Azure Static Web App is live and waiting for your content

Your app is now live, but we don't have your content updates. Check the deployment status in the GitHub Actions tab in your repository. Learn more about deployment from the Static Web App deployment [docs](#).

Update .env file in webapp the backend url.



