

PERSONAL BLOG ON CLOUD STATIC WEB APPS

PHASE 4

Development part 2

1. Continue building the travel blog by setting up the IBM Cloud Static Web App and deploying the website.
 2. Sign up for an IBM Cloud account.
1. Create a new Static Web App and follow the prompts to set up the repository, build pipeline, and deployment options.
2. Choose a static site generator like Jekyll or Hugo to make it easy to update and manage the blog content. This would involve converting your HTML content into template files that can be easily updated.

SOLUTION OF STATEMENT

I can provide you with a general overview of how to set up a Static Web App on IBM Cloud and use a static site generator like Jekyll or Hugo. Keep in mind that the exact steps may vary depending on the updates and changes made to IBM Cloud and the specific generator you choose. As of my last knowledge update in January 2022, this should give you a good starting point.

- With Jekyll or Hugo, you can convert your HTML content into template files. These template files can include markdown files for blog posts, layouts, and themes. Customize the templates to match the design and layout you desire for your travel blog.

1. Sign Up for an IBM Cloud Account:

- If you don't already have an IBM Cloud account, sign up for one at <https://cloud.ibm.com/registration>.

2. Login to IBM Cloud:

- Log in to your IBM Cloud account using your credentials.

3. Create a Static Web App:

- From the IBM Cloud dashboard, navigate to the IBM Cloud Static Web Apps service.
- Create a new Static Web App. You will be prompted to provide some information about your app, such as its name, region, and repository URL.

4. Set Up the Repository:

- Connect your GitHub repository or any other supported version control system to your Static Web App on IBM Cloud.

5. Choose a Static Site Generator:

- Set up CI/CD to automatically trigger builds and deployments whenever you push changes to your repository. This ensures that your blog is always up to date.

7. Configure the Build Pipeline:

- Choose the deployment options that best suit your needs. You might deploy to IBM Cloud's own hosting platform, but you can also consider integrating with other services like Cloud Foundry or a CDN (Content Delivery Network) for better performance.

9. Test and Deploy:

- In your Static Web App configuration, set up the build pipeline to build your site using the selected generator (Jekyll or Hugo) during the deployment process.

Ensure that the build commands are correctly specified.

8. Configure Deployment Options:

- You mentioned using Jekyll or Hugo, which are popular choices for static site generation. You will need to set up your chosen generator in your project repository.

6. Create Template Files:

- Before deploying, make sure to test your site locally to ensure that it builds and looks as expected. This is a crucial step in the development process.

10. Continuous Integration/Continuous Deployment (CI/CD):

11. Manage Content:

- With Jekyll or Hugo, you can write and manage your blog posts in markdown, making it easy to update and add content. Content management can be done through your version control system, and the changes will trigger automatic updates.

12. Custom Domain (Optional):

- If you have a custom domain for your travel blog, configure it to point to your IBM Cloud Static Web App.

13. Monitor and Maintain:

- Regularly monitor your blog's performance, security, and content updates. IBM Cloud provides various tools and services for this purpose.

Please note that the specific steps for setting up a Static Web App and using a static site generator may have evolved since my last update in January 2022. Be sure to refer to the most current documentation on IBM Cloud and your chosen static site generator for the latest instructions and best practices.

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