

Project: Personal Blog on IBM Cloud Static Web Apps

Phase 4: Development Part 2

In Phase 3: Development Part 1, we began building the static travel blog website by designing the website layout using HTML and CSS and creating engaging content. Now, in Phase 3: Development Part 2, we will take the next step by hosting the website using IBM Cloud Object Storage. This will enable us to make the website accessible to users over the internet.

1. Hosting the Website on IBM Cloud Object Storage

1.1. IBM Cloud Object Storage Setup

Before hosting the website, we need to set up IBM Cloud Object Storage:

- Create an IBM Cloud Account: If you don't have one already, sign up for an IBM Cloud account.
- Provision Object Storage: Create an instance of IBM Cloud Object Storage within your IBM Cloud account.
- Create Buckets: In IBM Cloud Object Storage, create one or more buckets to store the website files and assets.

1.2. Uploading Website Files

To make the website accessible, we will upload the website files and assets to the designated IBM Cloud Object Storage buckets. Here's how to do it:

- HTML and CSS Files: Upload the HTML and CSS files used for your website to the object storage buckets.
- Images and Media: Upload all images and media files used on the website, such as photos and gallery images.

1.3. Making Files Publicly Accessible

Ensure that the website files and assets in the IBM Cloud Object Storage buckets are set to be publicly accessible. This allows users to view your website on the internet.

2. Configuring Domain and DNS

To give your website a professional look, consider configuring a custom domain name and DNS settings. Here are the steps:

2.1. Domain Registration

If you haven't already, register a domain name with a domain registrar of your choice. You can choose a domain name that aligns with your travel blog, such as "travel.com."

2.2. DNS Configuration

Configure the DNS settings for your custom domain to point to the IBM Cloud Object Storage hosting. This typically involves setting up CNAME or A records in your domain registrar's control panel.

3. Testing and Launch

Before officially launching the Travel Blog, it's essential to thoroughly test the website. Here's what to do:

3.1. Cross-Browser Compatibility

Test your website on multiple web browsers to ensure that it appears and functions correctly on each.

3.2. Responsiveness

Check the website's responsiveness on various devices, including desktops, tablets, and mobile phones.

3.3. Functional Testing

Test all interactive features of the website, such as contact forms and navigation.

3.4. Loading Speed

Optimize the website for fast loading times, as this is crucial for user experience.

3.5. SEO Optimization

Optimize your website's content for search engines (SEO) to improve its visibility on the web.

Once testing is complete and you're satisfied with the results, you're ready to launch the Travel Blog.

In Phase 3: Development Part 2, we have taken the Travel Blog to the next level by hosting it on IBM Cloud Object Storage and configuring domain and DNS settings. The website is now ready to be accessed by users worldwide. In Phase 4, we will delve into maintaining and expanding the blog's content and functionality.