PHASE-2

**Personal Blog using IBM Cloud Static Web Apps**

**Implementation process**

**Introduction:**

The IBM Cloud platform combines platform as a service (PaaS) with infrastructure as a service (IaaS) to provide an integrated experience. The platform scales and supports both small development teams and organizations, and large enterprise businesses.

Hosting a static website on IBM Cloud Object Storage starts with creating a bucket and configuring it for public access. Then, upload website content to bucket. Finally, configure the website to use documents as an index for the site and to potentially display errors.

Creating a personal travel blog using IBM Cloud Static Web Apps is a great way to share your travel experiences with the world.

**Purpose of creating personal Blog using IBM Cloud Static Web Apps:**

**Customization:** Design blog to reflect unique style and content. IBM Cloud provides tools for customizing websites to our liking.

**Reliability:** IBM Cloud’s infrastructure ensures that blog remains available to users with minimal downtime.

**Security:** IBM Cloud offers robust security features to protect website and visitor data.

**Analytics:** Access to data and analytics tools can help track blog’s performance and audience engagement.

**Content Management:** IBM Cloud provides content management systems (CMS) that make it easy to create and publish travel content.

**Global Reach:** Leverage IBM Cloud’s global data centres for fast loading times and accessibility worldwide.

**Community and Support:** IBM Cloud has an active user community and support resources to help with any technical issues.

Ultimately, using IBM Cloud for travel blog offers a reliable and customizable platform that can help to share travel experiences effectively with audience.

**Steps to create Personal Blog using IBM Cloud Static Web Apps:**

**1. Sign Up for IBM Cloud:**

Sign up for an IBM Cloud account at <https://cloud.ibm.com/>. Go with the free tier account.

**2.Install the IBM Cloud CLI:**

Download and install the IBM Cloud Command Line Interface (CLI) on local machine. Using installation instructions on the IBM Cloud website.

**3.Create a Static Web App:**

Use the IBM Cloud CLI to create a new Static Web App. Specify the name of the app, the location of code repository (e.g., GitHub), and other details. Here’s a sample command:

Ibmcloud app create my-travel-blog –staticweb

**4.Set Up Your Code Repository:**

Ensure travel blog code is hosted in a code repository, such as GitHub. IBM Cloud Static Web Apps typically work well with repositories that contain HTML, CSS, JavaScript, and other static files.

**5.Connect Your Code Repository:**

Connect the code repository to IBM Cloud Static Web App using the following command:

Ibmcloud app githubrepo-enable

**6.Configure Build and Deploy Settings:**

Configure build and deploy settings in the IBM Cloud Console. Specify the branch to deploy, build commands (if needed), and other settings.

**7.Deploy Your Travel Blog:**

Trigger the deployment of travel blog by pushing changes to connected repository. Once the deployment is successful, blog will be live.

**8.Configure Domain and DNS (Optional):**

If needed custom domain, configure it to point to IBM Cloud Static Web App. This involves setting up DNS records to redirect traffic to app.

**9.Customize Your Blog:**

Edit HTML, CSS, and JavaScript files to customize the appearance and functionality of travel blog. Add blog posts, images, and other content as needed.

**10.Testing and Monitoring:**

Test the blog to ensure it works correctly. Also set up monitoring and analytics to track visitor traffic and performance.

**11.Regular Maintenance:**

Keep the blog updated with fresh content and ensure that IBM Cloud services (such as the Static Web App) are running smoothly.

**Conclusion:**

Creating a personal travel blog using IBM Cloud Static Web Apps offers numerous advantages. It allows to build a fast, scalable, and secure website that can showcase travel adventures with ease. The integration of IBM Cloud services ensures reliable performance and data security. With a user-friendly interface and robust features, travel blog can engage audience effectively. Whether you’re a seasoned traveler or just starting, IBM Cloud Static Web Apps provides a powerful platform for sharing travel journeys and stories with the world.