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Web Hosting

1

When you create a website, you need to store its files somewhere so that people can access it online.

2

Web hosting services provide space on a server for your website's files and make it available for access via the web.

3

Types of Web Hosting

1

Shared Hosting

2

VPS Hosting

3

Dedicated Hosting

4

Cloud Hosting

5

Static Web Hosting

2

Static Web Hosting

1

Introduction

1

Static web hosting is a type of web hosting where the content served to the user is fixed and doesn't change unless manually updated.

2

This contrasts with dynamic web hosting, where the content can change based on user interactions or other inputs, often requiring a server-side processing environment.

2

Key Characteristics

1

Fixed Content

1

The content of the website is pre-written and stored in files like HTML, CSS, JavaScript, and images

2

These files are directly served to the user's browser without any server-side processing.

2

No Server-Side Processing

1

Unlike dynamic websites, static websites do not run server-side scripts (like PHP or Node.js) to generate content.

2

The content is static and the same for every user.

3

Simplicity and Speed

1

Static websites are straightforward to create and deploy.

2

Because there's no server-side processing, they are often faster to load and more secure.

3

Advantages of S3 Static Web Hosting

1

Scalability

2

Cost-Effective

3

High Availability and Durability

4

Fast Content Delivery

6

Simple Management

7

Security

3

Setup S3 Static Web Site