



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with ‘A’ Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING-IOT Including CS&BCT

**COURSE NAME : 19SB602 FULL STACK DEVELOPMENT FOR NEXT
GENERATION IOT**

III YEAR / VI SEMESTER

**Unit IV- INTEGRATION OF NG IoT WITH WEB
DEVELOPMENT**

Topic :Concept of Hosting



Web hosting is a **service of providing online space for storage of web pages.**

These web pages are made available via **World Wide Web.** The companies which offer website hosting are known as **Web hosts.**

The servers on which web site is hosted remain switched on **24 x7.**

These servers are run by **web hosting companies.** Each server has its **own IP address.**



Types of Hosting

The following table describes different types of hosting that can be availed as per the need:

Shared Hosting

In shared hosting, the **hosting company puts thousand of website on the same physical server.**

Each customer has their own allocation of physical web space and a **set of bandwidth limit.**



Virtual Private Server (VPS)

It is also known as **Virtual Dedicated Server**. It is a **server** which is **partitioned into smaller servers**.

In this **customer is given their own partition**, which is installed with its **own operating system**.

Dedicated Server

In this kind of hosting, **single dedicated server is setup for just one customer**.

It is commonly used by the businesses that need the **power, control and security** that a dedicated server offers.



Reseller Hosting

A reseller acts as a **middle man and sells hosting space** of someone else's server.

Reseller hosting is a **type of web hosting service** that lets you buy **hosting resources from a hosting provider** and **resell them to your own customers.**

Grid Hosting

Instead of utilizing **one server**, Grid Hosting **spreads resources over a large number of servers.**

It is quite **stable and flexible.**

The servers can be added or taken away from the grid without crashing **the system.**



Web Hosting Companies

Following are the several companies offering web hosting service:

S.N.	Hosting Company
1.	Blue Host
2.	Go Daddy
3.	Host Gator
4.	just Host
5.	Laughing Squid
6.	Hivelocity
7.	liquid Web
8.	Media TempleServInt
9.	Wired Tree
10.	Wild West Domains
11.	Wix
12.	WIPL
13.	Big Rock



Web Hosting	Domain Name
<p>Web hosting is the space or infrastructure on a server where website files are stored and served to users when someone types in a web address.</p>	<p>A domain name is the unique web address that people use to find your site, for example, "geeksforgeeks.org".</p>
<p>It provides the necessary server space and resources for storing and serving website files.</p>	<p>It gives your website a recognizable name and directs users to its location on a server.</p>
<p>Types of web hosting are Shared hosting, VPS hosting, dedicated hosting, cloud hosting, and reseller hosting.</p>	<p>Generic Top-Level Domains (gTLDs) as .com, .net, .org, .edu, .gov, .info, Country Code Top-Level Domains (ccTLDs) as .uk, .ca, .au, .de, Sponsored Top-Level Domains (sTLDs) as .aero, .coop.</p>



Typically renewed on a monthly or yearly basis based on your hosting plan.

Registered and renewed annually.

Needs a domain name to be accessible.

Requires web hosting to link to active web files.

It offers various forms like shared, VPS, cloud, or dedicated hosting. Providers include Bluehost, HostGator, etc.

It is registered via various domain registrars like GoDaddy, Namecheap, etc.



Any Query?????

Thank you.....