ASSIGNMENT-3

08/06/2022

1.What is a protocol?

A network protocol is a set of established rules that dictate how to format, transmit and receive data so that computer network devices from servers and routers to endpoints can communicate.

Eg:http,https.

2. Examples of Webserver, Application Server and DB server?

Application Server : An application server is a program that resideson the server side and it’s a server programmer providing business logic behind any application.This server can be a part of the network.

Webserver:A webserver is a software and hardware that uses HTTP and other protocals to respond to client requests made over the world wide web.

DB server: Data Base servers are used to store and manage databases that are stored on the server and to provide data access for autorized servers.

3. What is URL?

Uniform resource Locator

4. What is URI?

Uniform resource identifier

5. What is ISO and TCP model

ISO-Internationalorganization of standartization

TCP-it helps to determine how a specific computer should be connected to the internet and how data should be transmitted.

6. What is a port?

Ports are virtual places with an operating system where network connections start and end.

7. What is an ISP, DNS?

ISP-Internet service provider i.e, company which provides internet access.

DNS-Domain name system Each device connected to the Internet has a unique IP address which other machines use to find the device. DNS servers eliminate the need for humans to memorize IP addresses such as 192.168.0.1.

8. What do you mean by default gateway?

A default gateway is a node that enables a connection between networks in order to allow machines on other networks to communicate.