Test-2

1. Configuring web servers IIS and APACHE.

Configuring web servers

→ Internet Information Service(IIS) & APACHE are software applications that handle HTTP requests and serves webpages to clients. IIS is commonly used on windows System, while APACHE is prevalent on both windows & Linux environments.

→ Configuring webservers involves setting up & customizing their respective settings to handle HTTP requests & serve webpages efficiently

1. IIS (Internet Information Servie):

- Install IIS on your windows Server by enabling the necessary features through the Server manager / control Pannel.
- Configure websites & virtual directories: create them to host your web application or content.
- Bindings: set up bindings to associate domains names & IP addresses with specific websites.
- Authentication: Configure authentication methods to control access to your web applications.
- Security settings: Adjust security settings to protect your server and application from potential threats.
- Application

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- Application Pools: Isolate web application by assigning them to seperate application pools to enhance stability and security.
- Modules: Enable / Disable various modules to extend functionality of the Server.

2. APACHE:

- Install APACHE on your Server, which can be done on both Windows and Linux environments.
- Configuration of files: Customize the Apache configration files, such as 'httpd.conf' to define server settings & behaviours.
- Virtual Hosts: set up virtual hosts to host multiple websites on the same server, each with its own domain / IP address.
- Modules: Enable or disable Apache modules to add specific features or functionality to the server.

- .ht access : Utilize ".htaccess" files to override configuration settings for specific directories or applications.

- Security Settings: Implements security settings for specific directories or applications, also security measures like firewalls, access controls and SSL certificates to protect your servers or data.

- Error Handling:- Configure how Apache handles and displays errors to clients.

Both IIS and APACHE have their strengths & weaknesses. and the choice b/w them depend on the Operating System, specific requirements and familiarity with server software. By configuring these web servers properly, you can ensure that they serve web content efficiently & securely to users.

Hosting Websites in Internet and Intranet

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Hosting Websites in Internet and Intranet

1. Intranet Hostings :-

- Hosting a website on intranent means making it accessible within a private network usually within an organization. Users connected to the local network can access the site using its internal IP address or hostnames.

- Intranet hostings is commonly used for internal applications, documents or communication tools that are not meant to be publicly available on the internet.

- users within the organization can access the intranet website using their computer or devices connected to a local network.

2. Internet Hostings:

- Hosting a website on the internet means making it accessible to anyone on the worldwide web.

- Register a domain name with a domain registar. The domain name serves as the address for your website
(domains such as .com, .in etc)

- Obtain a public IP address for your web server. This is the address that users will use to access your website ones the internet.

- Configure DNS server settings to point your domain name to the public IP address of your web server. This step allows users to reach your website by typing the domain name onto the browser.

- Once the website is hosted on to the internet, it becomes accessible to anyone with internet connection and can be accessed through any standard web browsers.