Deploying a awesomewebsite ....

To deploy a website on localhost using Apache2 or Nginx and create a DNS name 'awesomeweb', follow these steps:

Install Nginx on Debian/Ubuntu: "'bash sudo apt update sudo apt install nginx "'

Step 2: Start the web server**

we need to Start Nginx:

"'bash sudo service nginx start "'

Step 3: Configure the DNS name

1. Open the hosts file: - vi /etc/hosts

2. Add an entry to the hosts file: "' 127.0.0.1 awesomeweb "'

Step 4: Create the website content

1. Create a directory to store the website files: "'bash sudo mkdir /var/www/awesomeweb "'

2. Navigate to the website directory: "'bash cd /var/www/awesomeweb "'

3. Create an HTML file with your website content. For example, you can create an 'index.html' file with the following content:

"' html <!DOCTYPE html> <html> <head> <title>Awesome Website</title> </head> <body> <h1>Welcome to My Awesome Website!</h1> <p>This is a simple HTML page hosted on localhost.</p> </body> </html> "'

Step 5: Configure Nginx

1. Create a virtual host configuration file:

"'bash sudo nano /etc/nginx/sites-available/awesomeweb "'

2. Add the following content to the virtual host configuration: "' server { listen 80; server_name awesomeweb;

location / { root /var/www/awesomeweb; index index.html; } } "'

3. Enable the virtual host by creating a symbolic link to the 'sites-enabled' directory: "'bash sudo ln -s /etc/nginx/sites-available/awesomeweb /etc/nginx/sites-enabled/ "'

4. Test the Nginx configuration for any syntax errors: "'bash sudo nginx -t "'

5. If the test is successful, reload Nginx for the changes to take effect: "'bash sudo service nginx reload "'

Step 6: Access the website * Open your web browser and navigate to 'http://awesomeweb'. You should see your website content displayed.

github_repo_link: https://github.com/harsha378/Graded-Assignment-on-Networking-and-Servers.git