Placement Empowerment Program

Cloud Computing and DevOps Centre

Host a Static Website Locally
Set up a local server (Apache or Nginx) and host a simple HTML page with your name.

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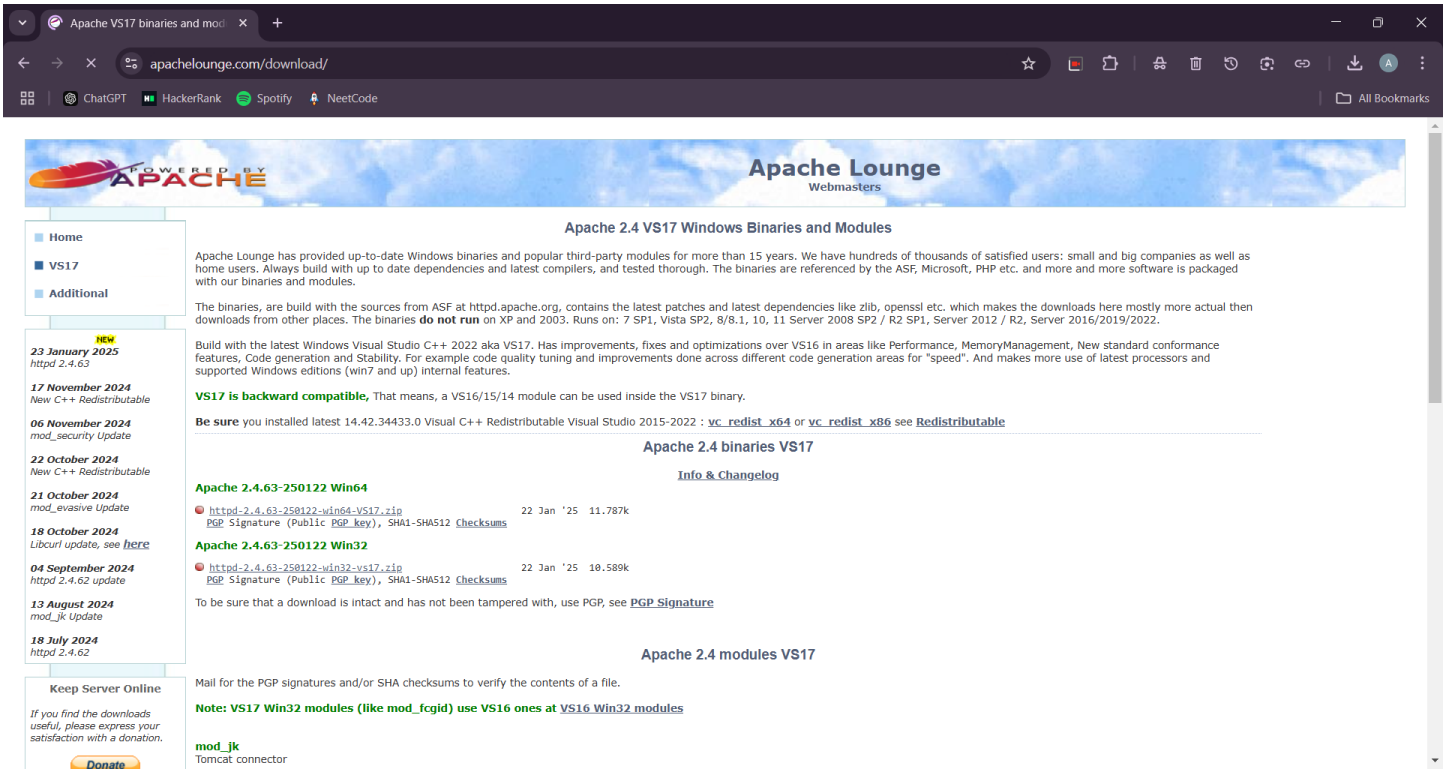
PoC: Hosting a Website Using Apache on Windows

Step 1: Download Apache

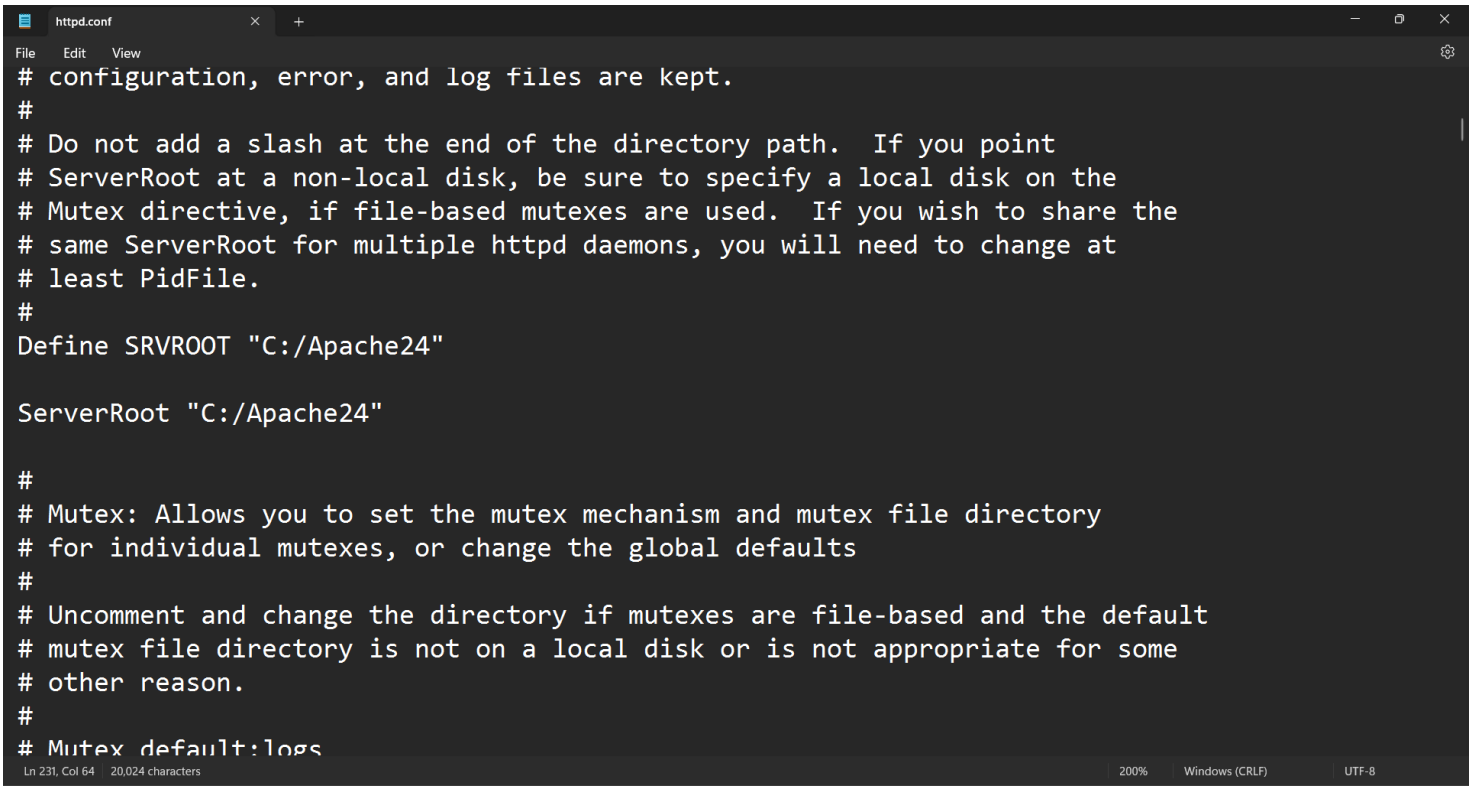
- Download the latest version of Apache for Windows from Apache Lounge.

- Extract the downloaded `.zip` file to `C:\Apache24` (or any preferred location without spaces).



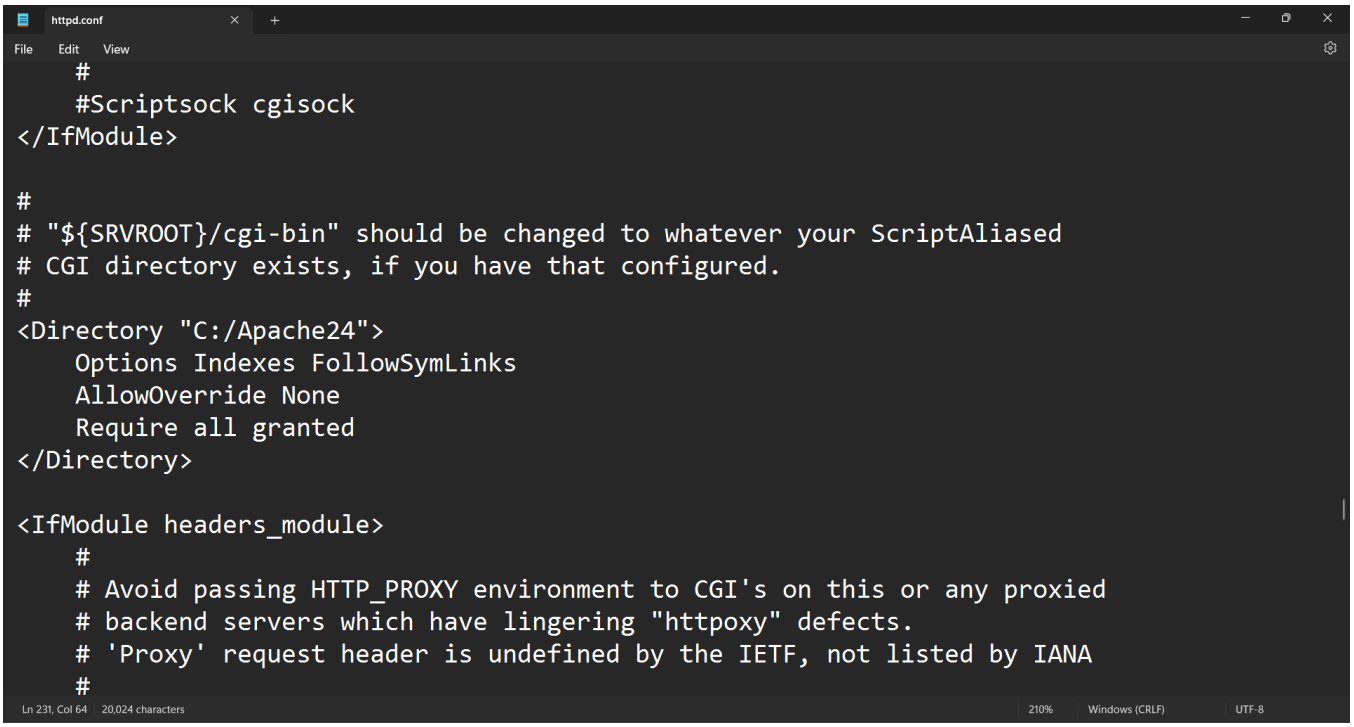
Step 2: Configure Apache

- Open `C:\Apache24\conf\httpd.conf` in a text editor.
- Update the following directives:
  - Set the installation directory: `ServerRoot "C:/Apache24"`



- Set the website root directory: DocumentRoot "C:/Apache24/htdocs"

```
<Directory "C:/Apache24/htdocs">
    Options Indexes FollowSymLinks
    AllowOverride None
    Require all granted
</Directory>
```



Step 3: Add Apache to the System Path (Optional)

- Add `C:\Apache24\bin` to your system's PATH environment variable. This allows you to run Apache commands from any terminal.

Step 4: Start Apache

- Open **Command Prompt** as Administrator.
- Navigate to the Apache `bin` directory and start Apache: `cd C:\Apache24\bin`
  `httpd.exe`

Step 5: Configure Windows Firewall

- Open **Control Panel > System and Security > Windows Defender Firewall > Allow an app through Windows Firewall**.

- Allow `httpd.exe` through the firewall for both **private** and **public** networks.

Step 6: Place Your Website Files

- Copy your website files (HTML, CSS, JavaScript, etc.) to the `C:\Apache24\htdocs` directory.

Step 7: Test the Website

- Open a web browser and go to `http://localhost`. Your website should be displayed.