

Apache Web Server Hosting on Ubuntu

1. Install Apache Web Server

- Update package lists: `sudo apt update`
- Install Apache: `sudo apt install apache2 -y`
- Start Apache service: `sudo systemctl start apache2`
- Enable Apache to start on boot: `sudo systemctl enable apache2`
- Check Apache status: `sudo systemctl status apache2`

2. Configure Firewall (Optional)

- Allow Apache: `sudo ufw allow 'Apache'`
- Enable UFW: `sudo ufw enable`
- Check UFW status: `sudo ufw status`

3. Deploy a Custom Web Page

- Go to Apache root directory: `cd /var/www/html`
- Create a backup of the default page: `sudo mv index.html index.html.bak`
- Create a new HTML file: `sudo nano index.html`
- Add HTML content and save the file
- Restart Apache: `sudo systemctl restart apache2`
- Access webpage via server IP: `http://<your-server-ip>`

4. Verify Apache is Running on Port 80

- Check listening ports: `sudo netstat -tulpn | grep :80`
- Alternative: `sudo ss -tulpn | grep :80`