

Linux Server

Deployment Of Network Services

1. How to configure secure Apache web server in Linux?

A:

* Install apache –

sudo apt install apache2

* Give permissions –

sudo chmod -R 755 /var/www/html

sudo chown -R www-data:www-data /var/www/html

* Allow apache in firewall –

sudo ufw allow apache2

* Disable Directory Listing –

<Directory /var/www/html>

Options -Indexes

</Directory>

(In conf file)

* Hide apache ver. And os –

ServerTokens Prod

ServerSignature Off

2. Host a simple website and configure virtual hosts.

A:

sudo apt install apache2

sudo nano /var/www/index.html

sudo chmod -R 755 /var/www/index.html

sudo chown -R www-data:www-data /var/www/index.html

sudo ufw allow apache2

sudo nano /etc/apache2/sites-available/example.com.conf

edit config file

and enable virtual hosts with this command

sudo a2ensite example.com.conf

sudo systemctl reload apache2

update hosts file

sudo nano /etc/hosts

add host

test configuration in web browser

http://example.com