

INSTALLING APACHE IN CENTOS

INSTALLATION

First check if apache already installed or not

```
1 httpd -v
```

If it's **not installed**, install it first:

```
1 sudo yum install httpd -y
2 Start Apache service
3 sudo systemctl start httpd
```

Enable Apache to start on boot :

```
1 sudo systemctl enable httpd
```

Check Apache service status

```
1 sudo systemctl status httpd
```

Then try to open the ip or localhost

if doesnt work then try :

first : Check firewall make sure HTTP is allowed:

```
1 sudo firewall-cmd --permanent --add-service=http
2 sudo firewall-cmd --permanent --add-service=https
3 sudo firewall-cmd --reload
```

Verify rules:

```
1 sudo firewall-cmd --list-all
```

You should see services: dhcpv6-client http https.

Then : Check **SELinux** (if enabled)

Sometimes SELinux blocks Apache: getenforce (command)

If it says Enforcing, allow HTTP traffic:

```
1 sudo setsebool -P httpd_can_network_connect 1
```

Then : Test locally on the server

```
1 curl http://127.0.0.1/
```

FILE LOCATION

You should add your website content to the directory `/var/www/html/`

Now we can visit the page locally

But,if we want to visit the page globally we need to portforward it for that follow the steps-----

step1 : `https://localhost.run/` visit this website

step2 : copy the command

```
1 ssh -R 80:localhost:80 nokey@localhost.run ---carefully change the port  
number from 8080 to 80
```

now scan the qr-code and enjoyyyyyyyyyyy