Apache HTTP Server Installation and Configuration on CentOS 7

Introduction

Apache HTTP Server, commonly referred to as Apache, is a widely-used open-source web server software. In this guide, I will walk you through the step-by-step process of installing and configuring Apache on a CentOS 7 server.

Apache HTTP server

httpd is the Apache HyperText Transfer Protocol (HTTP) server program. It is designed to be run as a standalone daemon process. When used like this it will create a pool of child processes or threads to handle requests.

Step 1: Update CentOS

#yum update -y



Step 2: Install Apache HTTP Server

#yum install httpd -y



Step 3: Start and Enable Apache

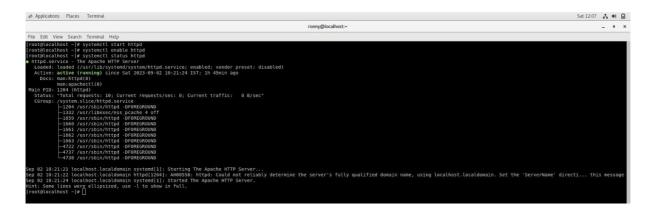
#systemctl start httpd



#systemctl enable httpd



#systemctl status httpd



Step 4: Configure Firewall

Allowing HTTP traffic (port 80) to pass through.

#firewall-cmd - -permanent - -add-service=http

#firewall-cmd - -reload

```
Applications Places Terminal

ronny@localhost-

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ronny@localhost-

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rootallocalhost-]# firewall-cod --reload

success

rootallocalhost-]# firewall-cod --reload
```

Step 5: Create HTML, CSS, JavaScript Pages

index.html

javaScript.js

```
| Decorate | Decorate
```

styles.css

```
| The | Ref | Selection | View | Go | Run | Selection | Selection
```

Move our Create your index.html, javaScript.js, styles.css to /var/www/html Location.

Step 6: Access Web Page

To get server's IP address use.

#ifconfig

```
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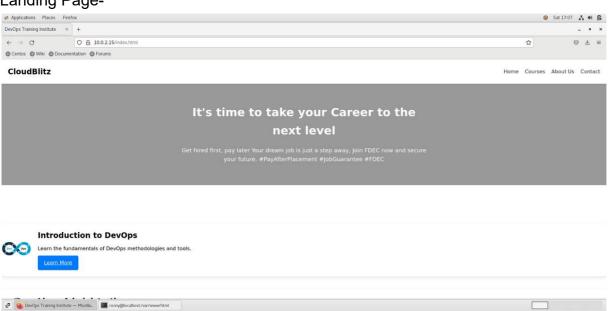
Or

#ip addr show | grep "inet"

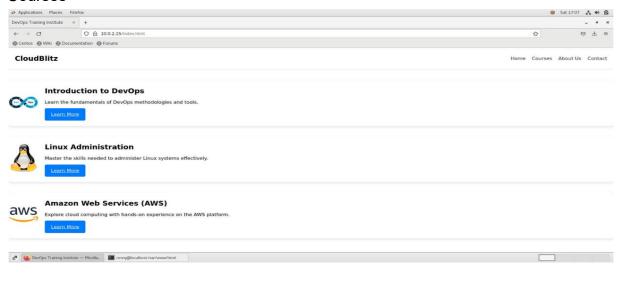


After getting the ip address now we can see the Web page on Internet Browser.

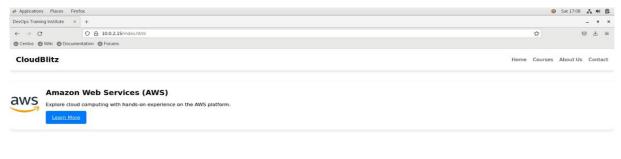
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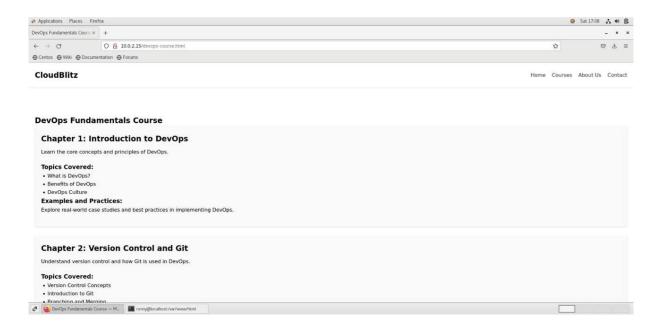
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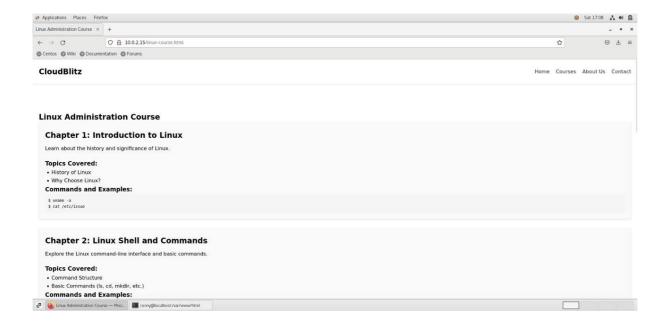




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Conclusion

Completed the installation and basic configuration of Apache HTTP Server on CentOS 7. Apache is a versatile web server capable of hosting multiple websites and applications.

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