**Name of Title:** Learning Nginx

**Video Name:**

**Estimated Length:**

**Author Name:** Michael Jenkins

**Chapter\_Section\_Video:**

**Video Objective:**

At the end of this video the learner will be understand how Linux, Nginx, PHP, and MySQL are used to generate dynamic content for websites.

**Introductory Statement:**

Type your introductory statement here.

**Speaking Points:**

1. Point\_1
2. Point\_2
3. Point\_3
4. Point\_4
5. Point\_5

**Script:**

EDITORS: Can you come up with some interesting layouts and transitions for the slides? Maybe fades where only the parts that change fade in and out?)

SLIDE: The Web Stack

Operating System

Web Server

Database

Scripting Language

When it comes to web sites and web applications, many people use the term “stack” to describe the environment where these sites and apps are developed and served from.

The typical web server stack consists of four parts: An operating system, a web server, a database, and a scripting language.

SLIDE: The LAMP stack

Operating System L Linux  
 Web Server A Apache

Database M MySQL, MariaDB

Scripting Language P PHP, Python, Perl

For many years the primary web stack has been the LAMP stack.

In this case, Linux is the operating system; The web server is Apache; The database component is MySQL or MariaDB. And, the scripting language is either PHP, Python, or Perl - with PHP being the one most commonly referred to.

SLIDE: The LEMP Stack

Operating System L Linux  
 Web Server E Nginx

Database M MariaDB

Scripting Language P PHP

Because the components of the web stack can be swapped out, using nginx for the web server leads to the LEMP stack. The other components remain the same.

In this case, nginx is represented by the letter E, for the sound of the nginx name rather than its spelling.

Now let’s take a look at getting configured to run dynamic applications with nginx, MariaDB, and PHP.

**Conclusion:**

Type your conclusion statement here.

**Script and Media:**

Break the script up into parts and align it with any media (slides, web, CLI, etc.)

| **Part** | **Script** | **Media** |
| --- | --- | --- |
|  |  |  |

**Exercise Files:**

**Basement:**

(

I COULD TALK MORE ABOUT HOW THE LEMP STACK WORKS

Request -> Nginx -> PHP -> MariaDB

Request <- Nginx <- PHP <- MariaDB

)

In the previous chapters, we covered the linux and nginx portions of the stack. In this chapter, we’ll set up a complete LEMP stack by installing and configuring PHP for generating dynamic content and MariaDB for storing data in a database.