

# Core Networks Apache Web Server 2.4

## Duración

Días: 5 Días

Horas: 25 horas

## Descripción

Formación destinada a profesionales para obtener conocimientos sobre la administración y soporte en Apache Web Server.

## A quién va dirigido

Principalmente a futuros administradores de servidores web, desarrolladores web, diseñadores y personas que quieran trabajar con contenidos web.

## Contenido

1. Introduction to Apache
  - Downloading Apache
  - Installing Apache on Windows using a pre-built binary
  - Installing Apache on Unix/Linux from source
  - Compilation options
  - Dynamic vs. static compilation of modules
  - Re-compiling
  - Testing Installation
2. Starting and Stopping Apache
  - Apache Monitor
  - Apache Executable
  - Windows Service
  - Starting/Stopping Apache on Unix/Linux
  - Apache Executable

- apachectl script
  - Install Apache as a Service
3. Modules
    - Overview of Apache Modules
    - Installing Modules
  4. The Apache Configuration Files
    - The contents of the /conf directory
    - The httpd.conf file
    - Directives
    - Sections
    - The Include Directive
    - The Options Directive
    - The Installed Directories
  5. The htaccess File
    - Overview of .htaccess files
    - Configuring .htaccess
    - The AllowOverride directive
    - Setting directory authentication
    - Allowing CGI scripts
    - Performance Issues
  6. Virtual Hosts
    - Overview of Virtual Hosting
    - IP-Based Virtual Hosts
    - Name-based Virtual Hosts
    - Port-based Virtual Hosts
    - Bulk Virtual Hosting
  7. MIME and File Types
    - Overview of MIME Types
    - Configuring MIME Types
    - Encoding Files
    - Character Sets
    - Languages

## 8. URL Mapping

- Configuring Aliases
- Configuring Redirects
- The DocumentRoot Directive
- Error Documents
- Overview of mod\_rewrite

## 9. Directory Indexing

- The DirectoryIndex Directive
- Fancy Indexing
- Headers and Footers
- Ignoring Files
- Searching and Sorting

## 10. Performance Tuning

- The ApacheBench Utility Program
- Tweaking the Apache Configuration
- Configuring Apache MPMs (prefork, worker, winnt)

## 11. Handlers and Filters

- Overview of Handlers
- The Section
- Configuring Handlers
- The server-status Handler
- Overview of Filters
- Configuring Filters

## 12. Managing Scripts

- Overview of scripting options
- The mod\_perl Module
- Configuring mod\_perl
- Installing PHP on Windows
- Configuring PHP

### 13. Security

- Common Security Issues with Apache
- Dynamic Content Issues
- Authentication
- Authorization
- Access Control
- Unix File Permissions
- Configuring Apache for SSL
- Overview of SSL
- Installing mod\_ssl
- Generating SSL certificates
- Configuring mod\_ssl

### 14. Others

- Regular expressions in Apache
- Apache cache configuration
- Tuning connections with Apache modules