SETC Training Corporate Logo

Apache Training: Core Administration Skills (APACHE, 4 jours)

Description

The course Core Administration Skills (Apache Training) teaches you how to install, start & stop, configure and tune an Apache web server. The training includes Apache architecture & configuration, security, performance tuning & troubleshooting on WIndows or Linux. The course provides hands-on experience with Apache modules, virtual hosts, mime-type management, CGI & FastCGI and URL mapping. Apache task automation using script & advanced web server security are also included.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Introduction to Apache

- History of the Apache Web Server
- Overview of Apache Software Foundation
- Downloading Apache
- Installing Apache on Windows
- Installing Apache on Unix/Linux
- Compilation options
- About Dynamic and Static Compilation
- Testing and Validating the Installation
- Installing Modules

Starting and Stopping Apache

- Starting/Stopping Apache on Windows
- Apache Monitor
- Apache Executable
- Windows Service
- Starting/Stopping Apache on Unix/Linux
- Apache Executable
- apachectl script
- Install Apache as a Service

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

The htaccess File

- Overview of .htacces files
- Configuring .htaccess
- The AllowOverride directive
- Setting directory authentication

Allowing CGI scripts
Performance Issues
Virtual Hosts
Overview of Virtual Hosting
IP-Based Virtual Hosts
Name-based Virtual Hosts
Port-based Virtual Hosts
Bulk Virtual Hosting
MIME and File Types
Overview of MIME Types
Configuring MIME Types
Encoding Files
Character Sets
Languages
URL Mapping
Configuring Aliases
Configuring Redirects
The DocumentRoot Directive
Error Documents
Overview of mod_rewrite
Directory Indexing
The DirectoryIndex Directive
Fancy Indexing
Headers and Footers
Ignoring Files
Searching and Sorting
Performance Tuning
The ApacheBench Utility Program
Tweaking the Apache Configuration
Configuring Apache MPMs (prefork, worker, winnt)
Handlers and Filters
Overview of Handlers
The Section
Configuring Handlers
The server-status Handler
Overview of Filters
Configuring Filters
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Overview of SSI
Configuring SSI
Using SSI Directives
Managing Scripts
Overview of scripting options
The mod_perl Module
Configuring mod_perl
Installing PHP on Windows
Configuring PHP
Security
Common Security Issues with Apache
Dynamic Content Issues

Authentication and Authorization
Access Control
Unix File Permissions
Configuring Apache for SSL