

PROFESSIONAL TRAINING COURSE



2 Days Course on Linux Web Server Hardening & Maintenance



Two Sigma Technologies

Suite B, 19-2, Jalan PGN 1A/1, Pingiran Batu Caves,
68100 Batu Caves, Selangor
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Course Overview

The Linux Web Server Administration course is aimed at technical staff who will be responsible for installing, configuring and maintaining Web Servers in a Linux or UNIX environment. The course addresses the evolution of Apache Web Server technology, as well as how to build, install, and configure Apache. Web-related issues such as authentication, dynamic Web content and virtual hosting/administration are included.

The course will be run on a Linux platform, but it is suitable for all UNIX based deployments. Although being run in a Linux environment, delegates who will be supporting Apache Web services in a Windows environment will also benefit from this course as most configuration is carried out through editing of configuration files.

Prerequisites

Delegates will need to have experience of using a UNIX or Linux system at the command line. They will need to be familiar with the UNIX/Linux file system and basic file manipulation commands and will benefit from a basic knowledge of the VI editor.

Course Settings

Date	Refer to Training Calendar
Venue	Refer to Training Calendar
Fees	Contact Us at farah@2-sigma.com
Timings	0900-1700 (2 Days)
Inclusive	Certificates and notes
Audience	Administrator who will be responsible for maintaining and monitoring web servers in a Linux or UNIX environment.

What you will learn

By the completion of the Web Server Administration course you should be able to:

- Design and build a web server using Apache
- Configure and deploy virtual hosting with Apache
- Maintain security with Apache
- Hardening PHP & MySQL database
- Setting up Apache with SSL (HTTPS)
- Best practices in monitoring and maintaining web server

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PHP Security -Schedule

Day 1	
09.00am – 10.00am	Apache Web Server <ul style="list-style-type: none"> • Installation & Configuration • Directory Structure • Basic Server Directives
10.00am – 10.30am	Breakfast
10.30am – 12.45pm	<ul style="list-style-type: none"> • Setting up the Virtual Host • Using aliases and redirecting Dynamic Web Content <ul style="list-style-type: none"> • Installing PHP & MySQL • Demo : Install Wordpress
12.45pm – 02.15pm	Lunch
02.15pm – 05.00pm	Web Server Hardening Strategies <ul style="list-style-type: none"> • Hide web server details • Securing user and group accounts • Securing files & directories • PHP hardening • MySQL database security
Day 2	
09.00am – 10.00am	Implementing Apache Security Module <ul style="list-style-type: none"> • ModSecurity • Suhosin
10.00am – 10.30am	Breakfast
10.30am – 12.45pm	Implementing Website Encryption <ul style="list-style-type: none"> • Enabling HTTPS • Obtaining SSL certificates • Installing SSL certificates • Requiring encrypted access
12.45pm – 02.15pm	Lunch
02.15pm – 05.00pm	Web Server Monitoring and Maintenance <ul style="list-style-type: none"> • Log monitoring • Intrusion detection and prevention • Software updates • Website backups and restores • Security monitoring



More Information

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To register, please email to farah@2-sigma.com or fax the registration form to 03-61880602, we will contact you for further action.

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