



Asia Masters Center

Web Server Administration



Web Server Administration

➔ Course Objective

- use basic Linux commands;
- use basic Windows Server commands;
- install the Apache Web Server;
- install the Internet Information Server;
- configure the Domain Name Service (DNS);
- administer and manage a web server;
- monitor and analyze the web server environment e.g. review logs.

➔ Target Audience

- Security personnel who are currently tasked with assessing the technical risks of cloud computing
- Network and systems administrators who currently manage private clouds or need to leverage hybrid and/or public cloud services
- Technical auditors and consultants who need to gain a deeper understanding of cloud computing and security concerns
- Security and IT managers who need to understand the risks of cloud computing and advise business management of the risks and various approaches involved



Course Outline

➤ **Day 1**

- Getting started
- Apache
- Webservers
- Apache features
- Apache versions
- Installing Apache
- Installing XAMPP
- Compiling Apache
- Running Apache
- Running Apache automatically: Unix/Linux & MS Windows
- Checking Apache is running
- Serving webpages

➤ **Day 2**

- Basic configuration
- Configuring Apache
- Directives
- Modules
- Enabling/disabling modules in Debian
- Checking configurations
- Logging
- Configuring log-file contents
- Specifying log-files
- Logging errors
- Browser error messages
- Custom error pages

- Server and directory index pages
- Custom index pages

- **Day 3**
- Serving multiple sites with virtual hosts
- Multiple sites on a server
- Setting up virtual host names
- Testing host names
- Enabling virtual hosts
- Defining virtual hosts
- Configuring virtual hosts
- Using virtual hosts
- **Day 4**
- Dynamic pages with CGI, Perl and PHP
- Dynamic pages
- CGI
- CGI programs
- Sample Unix shell CGI script
- Sample Perl CGI script
- Running CGI programs with Apache
- CGI parameters
- Perl CGI parameter example
- CGI issues
- PHP scripts

- **Day 5**
- Using modules
- Modules
- Loading modules mod_speling
- Which Modules Got Loaded ? mod_rewrite
- Why use mod_rewrite ?
- Rewrite Flags
- Rewrite Flags Flow Control
- Rewrite Flags Affect What is Sent to the Browser
- Rewrite Flags Affect Processing on the Server
- Internal Rewriting v Redirection
- Forcing Redirection
- Transforming URLs

➤ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- we give the participant training bag includes all the necessary tools for the course.
- Working within groups to achieve the best results.
- All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.
- We can assist you in booking hotels at discounted prices if you wish to book through us.
- We offer the certificate from Asia Masters Center for Training and Administrative Development.

➡ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
- 4) Coffee break.
- 5) The training bag includes all the tools for the course.

Price (USD)

**Communicate with the training department
to know the participation fees**

➤ **There are offers and discounts for groups**

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