

# Apache Webserver (APACHEWEB)

ID APACHEWEB Price 1,990.— €(excl. tax) Duration 4 days

## Who should attend

Systemadministratoren, Netzwerkadministratoren, Mitarbeiter des Benutzerservice

## Prerequisites

Lokale Netze (LAN) oder vergleichbare Kenntnisse. TCP/IP Kenntnisse.

## Course Objectives

Nach dem Seminar können Sie den Apache-Webserver professionell konfigurieren und administrieren. Damit sind Sie in der Lage, Ihr Unternehmen im Internet zu präsentieren und Internet-Technologien für Ihr Intranet zu nutzen. Das Seminar wird unter dem Betriebssystem Linux durchgeführt, das Know-how ist aber auf alle von Apache unterstützten Plattformen anwendbar.

## Course Content

### Grundlagen

- Einrichtung und Konfiguration HTTPD 2.4.x
- Unterschiede zu 2.2.x
- Distributionsspezifische Eigenschaften
- Module und Multi-Processing

### Grundlegende Einrichtungen

- Direktiven und .htaccess
- Alias und Redirect (inkl. RegEx)
- Rewriting
- Content und Language Negotiation
- Virtual Hosts
- HTTPS (TLS)

### Authentifizierung und Zugriffsberechtigungen

- Interne Userverwaltung
- Anbindung an LDAP mit StartTLS
- Kerberos (Option mit 4. Tag)

## Dynamic Content

- Common Gateway Interface (CGI)
- Server-Side Includes (SSI)
- Web Server Gateway Interface (WSGI, für Python)

## Tomcat (Option mit 4. Tag)

- Einrichtung
- Java Servlets
- AJP mit mod\_jk
- Logging und Monitoring

## HTTPD als Proxy

- Load Balancing
- Anbindung an Java/Tomcat via AJP/mod\_proxy

## Profiling, Monitoring und Tuning

- Logging
- Apache Benchmarking (ab)
- MPMs
- mod\_info/\_status

## Einbindung von PHP („LAMP Stack“ )

- Einrichtung PHP 7.2/[7.3]
- FastCGI Process Manager PHP-FPM
- Einrichtung phpMyAdmin
- [+ mariadb10.x für Beispiel WordPress/NextCloud]

# About Fast Lane



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