

Windows Server 2012 ist ein Server-Betriebssystem von Microsoft. Neben Basis-Funktionen wie Datei- und Druckdiensten stellt es die Infrastruktur für alle Microsoft Enterprise Server zur Verfügung.

### Ihr Nutzen

Nach diesem Seminar können Sie den Web- und Applikations-Server IIS von Windows 2012 installieren und konfigurieren.

### Preis pro Teilnehmer

EUR 1440,- exklusive der gesetzlichen MwSt.

### Seminardauer

3 Tag(e)/Day(s)

### Seminarinhalte

#### 1. Tag

- \* Einführung in IIS
- Die IIS 8 Architecture
- Integrated Pipeline Mode
- Extensibility and Modularity
- IIS Manager Extensibility
- WAS and the Worker Process
- SSL/SNI and Central Certificates
- Dynamic IP Restrictions
- Active CPU throttling
- Application initialization
- Overview of PowerShell Management
- \* Installing IIS 8
- Clean Installation und Upgrade Installation
- Automated Installation and Configuration
- \* Administration
- IIS Manager and IIS Manager Extensibility
- Using the Configuration Editor
- Command-Line Management with PowerShell
- \* Fundamentals of Web Site Management
- Web Sites, Applications, and Virtual Directories
- Creating a New Web Site
- Configuring Logging, Host Headers
- Administering Applications, Virtual Directories
- Configuring Compression, MIME Settings

#### 2. Tag

- \* Web Application Administration
- ASP, ASP.NET, ISAPI, CGI, FastCGI
- \* Web Application Pool Administration
- Understanding Web Application Pools
- Virtual Directories versus Applications
- Understanding the w3wp.exe Process
- Application Pool Security
- \* Delegating Remote Administration
- IIS 8 Manager Remote Access
- Delegation Settings
- \* Securing IIS 8
- Types of Attacks
- Securing the Server, Securing IIS 8
- Using the Request Filter
- Rewriting URLs with the Rewrite module
- \* Authentication and Authorization
- Authentication Types

### Voraussetzungen

Windows Server 2012 Administrationskenntnisse~7601

### Hinweise

Version: 2012 R2

- Understanding IIS 8 User Accounts
- 3. Tag
- \* SSL and TLS
- Securing a Web Site with TLS
- Client Certificates
- \* Monitoring and Performance Tuning
- How to Monitor IIS 8
- Performance Tuning Techniques
- Diagnostics and Troubleshooting
- Common Issues
- Runtime Status and Control API
- \* IIS 8 Error Pages
- Failed Request Tracing, Error Logging, Access Logging
- ASP.NET Tracing
- \* Configuring and Load Balancing Web Farms
- IIS 8 and Web Farms
- Content Configuration
- Content Replication
- Complete Redundancy
- Load Balancing
- Application Request Routing

