

## Workshop PKI Windows Server (PKIWINSERV)

**ID** PKIWINSERV **Price** CHF 2,590.—(excl. VAT) **Duration** 3 days

### Who should attend

This workshop is suitable for network engineers and administrators who want to learn more about certificates and Certification Authorities.

- Export and import procedures
- Managing certificates via group policies in the ADS
- Secure resource access with SSL, IPSec and smart card authentication
- Secure e-mail communication through encryption and signature

### Prerequisites

Basic previous knowledge of the Windows system as well as sound knowledge of Windows Server. Basic prior knowledge in the area of networking and Active Directory is advantageous.

### Course Objectives

In this workshop, each participant builds a multi-level Windows Server PKI in a Windows Active Directory environment. In the process, PKI-enabled applications are configured and tested. An overview of the most common encryption and authentication methods and frequently used encryption algorithms serves as an introduction. After a theoretical introduction, an independent root CA and a subordinate organizational CA are set up.

This workshop serves to give participants an initial overview of the complex topic of PKI. It can be delivered in all versions.

### Course Content

- Encryption method, digital signature, EFS
- Establishment of a Public Key Infrastructure (PKI)
- Installing the Certificate Services
- Comparison: Independent & Organizational Structure
- Strategies for maximum protection of the certificate hierarchy
- Backing up and restoring a certification authority
- Methods of certificate request offline / online
- Manage & create certificate templates
- Certificate template registration, update with ADS
- Management consoles and other tools for managing the PKI
- Emergency backup, revocation + renewal of certificates-  
Certificate store management

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## Training Centres worldwide



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