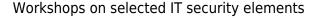


training code: BS.IT 02 / ENG AA 3d / EN

# Workshops - Practical issues for IT security administrators







# Purpose of the training

The training is addressed to people who deal with IT system security at the company, especially for system and security administrators. It constitutes a practical supplement for BS.IT01 training. Due to a variety of issues, workshops take place in heterogenous Windows/Linux environment.



#### Benefits of completing the training

Student will gain skills of implementing all basic mechanisms used in securing data and an ability to configure basic protocols and security mechanisms in Client-Server architecture.



### **Expected Listener Preparation**

General IT knowledge from operational systems and network issues.



#### Training Language

Training: EnglishMaterials: English





# Duration

3 days / 21 hours

#### Training agenda

- 1. Cryptography
- SSL/TLS
- X.509 certificates
- Stunnel
- SSH
- PGP
- TrueCrypt
- PKI
- 2. Authentication and authorization
- LDAP
- Kerberos
- Radius
- 3. Detecting vulnerabilities and hacking
- Tripwire
- AIDE
- Wireshark
- Ettercap
- Snort
- 4. Firewalls
- iptables
- access-lists (ACL)
- 5. VPN networks
- VPN SSL
- VPN Ipsec