

Workshops - Practical issues for IT security administrators

Workshops on selected IT security elements



Training recipients

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

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.



Training program

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



Expected preparation of the participant

General IT knowledge from operational systems and network issues.



Duration

3 days / 21 hours

Language

- Training: English
- Materials: English