

Workshops - Practical issues for IT security administrators

Workshops on selected IT security elements



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: English
- Materials: English



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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