

# 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.



### Czas trwania

3 dni / 21 godzin

### Language

- Training: English
- Materials: English