

Agenda – SWIFT Security Bootcamp program

- + can be held in Moscow in Feb/Mar 2017, delivery in English, clarifications/Q&A in Russian
- + requires min. 12 registrations by 10-Dec 2016. Price: 3500 EUR per attendee.

[Awareness session: Cyber security game \(Monday, starting 9:30\)](#)

[Overview of SWIFT \(Monday\)](#)

- Introduction to SWIFT
- Core messaging services
- Secure IP network
- Interfaces
- Standards
- Overview of SWIFT Security Officers
 - o Concepts and Terminology
 - o SWIFTNet Security Officer
 - o Alliance Security Officer
 - o Swift.com Administrator

[Managing PKI \(Mon-Tue\)](#)

1) The theory

- SWIFT security and PKI
- PKI administration through O2M (including RBAC roles)
- Routing Rules Management and Monitoring features
- Reporting and Administration
- Offline security features through Secure Channel

2) Hardware Security Module

- What is an HSM? (Role of an HSM, List of HSM types: token, standalone box, cluster)
- Roles and Responsibilities (HSM administrator versus SWIFTNet Security Officer, User accounts and PED keys)
- Introduction to remote PED
- Daily operations (partition initialise, unlock, enable, lockout)
- HSM box management (user management, cluster management and backup/restore)
- Introduction to troubleshooting (box problem detection, system monitoring, box replacement, power failure, PED locked)
- Best practices and audit recommendations

3) Best practice recommendations

[Alliance Security Management \(Wed\)](#)

1) Alliance Gateway

- User management in Alliance Gateway
- PKI management and virtual users
- Security Management (introduction to Message Partners, and security SSL/LAU)
- Event Journal
- Security Parameters
- Best practice guidelines (permissions, use of operators, authentication mechanisms)

2) Alliance Access

- Left and Right Security Officers
- Secure Channel (swift.com)
- User management in Alliance Access

- Security Parameters
- Event Journal
- Connection to SAG
- Best practice guidelines (password storage, use of operators, permissions, authentication mechanisms)

Administering and using swift.com (Thu)

- Introduction to swift.com
- swift.com administrators:
 - o Roles
 - o Functionalities
 - o Responsibilities
 - o Guidelines and best practices
- Highlevel overview of swift.com applications
 - o Ordering and billing
 - o Configuration Browser
 - o Secure Channel
 - o Support Tools

Security Management Guidelines (Fri morning)

- SWIFT best practice guidelines