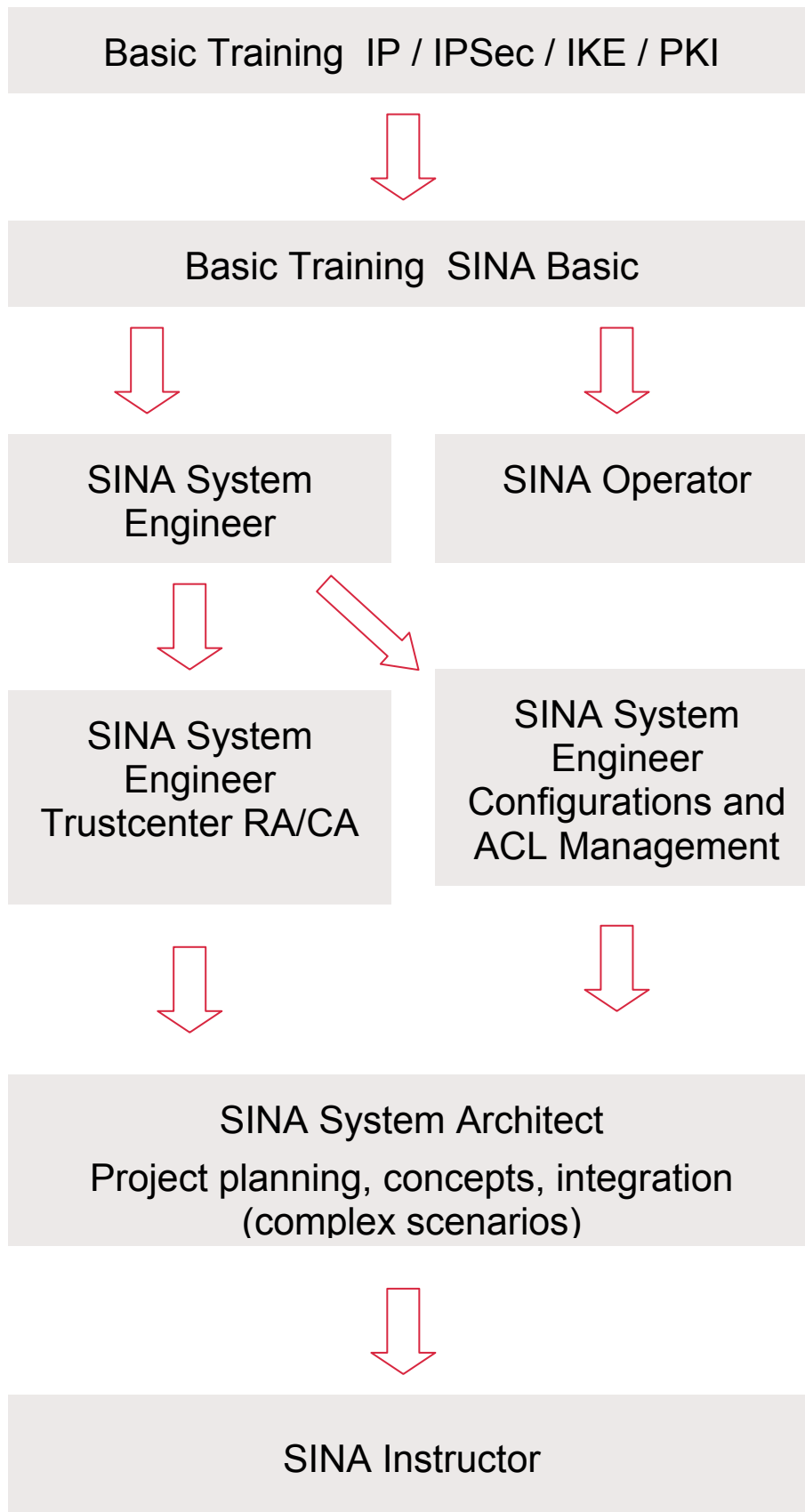


Trainings



Modules of training



Special Modules

For System Engineers or Operators

- SINA Version Upgrade
- Virtual Workstation
- SINA Layer 2
- Project workshop

Basic Training: IP / IPSec / IKE / PKI



Target group

Necessary basic training for all SINA follow-up trainings.

Requirements

Basic knowledge of

- IP
- Network systems
- Cryptography

Course objectives

Participants learn about terms and definitions, basic techniques and procedures in the field of network security.

Contents

- Overview of IP
- Address techniques
- Routing
- Standards
- Overview of Layer 2 and 3 VPN technology
- Basic procedures of network security
- Introduction to IPSec
- Internet Key Exchange

Exam

None

Course No.:

S33.100 eng

Duration:

1 day

Location / Date / Fee:

Munich /

By arrangement /

On request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

Basic Training: SINA Basics



Target group

Necessary basic training for all SINA follow-up trainings.

Requirements

Basic knowledge of

- IP
- VPN
- IPSec/IKE
- Cryptography

Course objectives

Participants gain necessary basic knowledge about the SINA product line and techniques used in this solution family.

Contents

- SINA development history
- Basics of cryptographic procedures
- Basics of PKI theory
- Introduction to the SINA solution family

Exam

None

Course No.:

S33.101 eng

Duration:

1 day

Location / Date / Fee:

Munich /

By arrangement /

On request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

SINA System Engineer-Admin



Target group

Administrators of small SINA environments with “All- In-One Management”.

Requirements

- Prior participation in SINA basic trainings
- Basic knowledge of network security
- VPN/IP/IPSec
- Substantial knowledge of network and IT security

Course objectives

Participants learn to install simple SINA scenarios (SINA Box and SINA Thin Client) and to operate a management system “All-In-One”. Furthermore, they are introduced to the special demands of working with classified information.

Contents

- Introduction to the SINA management components
- Operation of the SINA management components
- PKI theory
- Data base configuration
- Basic SINA Thin Client configuration
- Trouble shooting, log analysis
- Specifics and restrictions when working with classified information, and regulations regarding SINA
- Configuration and operation of simple SINA scenarios in the training environment
- Practice scenarios

Exam

Successful participation and possibility to gain the status of a “Certified SINA System Engineer”.

In case the exam is not passed, it is obligatory to visit the training another time in order to gain exam-admission.

Course No.:

S33.110 eng

Duration:

3 days

Location / Date / Fee:

Munich /

By arrangement /

On request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

SINA Operator



Target group

Box/Client operators on site without SINA Management components.

Requirements

Successful participation in:

- Basic Training IP/IPSec/IKE/PK
- Basic Training SINA Basics
- Training: SINA Operator

Course objectives

After this seminar participants are able to operate and monitor the SINA Box, respectively SINA Thin Client, and to detect and evaluate error status. They are taught to deal with the special demands of dealing with classified information.

Contents

- Exemplary configuration of simple SINA scenarios
- Establishment of security associations
- Possibilities to operate and monitor SINA components
- Troubleshooting for SINA Box and SINA Thin Client
- Debugging the network
- Specifics and restrictions when working with classified information, regulations regarding SINA
- Operation of the SINA command menus
- Log analysis
- Practice scenario

Exam

None

Course No.:

S33.120 eng

Duration:

2 days

Location / Date / Fee:

Munich /

By arrangement /

On request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

Certified SINA System Engineer Trustcenter RA / CA



Target group

Administrators of registration and certification authorities in larger SINA installations with distributed management systems.

Requirements

- Level "Certified SINA System Engineer"

Contents

- SINA PKI processes and procedures
- Distributed RA/CA
- Dealing with classified information
- Multi-domain-management
- Multi-user-environment
- CMP Server
- Scenarios with online CA, CMP server
- Log analysis CMP, online CA
- Scripts
- CA changes, practice of CA change
- Attribute certificates
- Practice scenarios

Exam

Written and practical exam to reach the level of a "Certified SINA System Engineer Trustcenter".

In case the exam is not passed, it is obligatory to visit the training another time in order to gain exam-admission.

Course No.:

S33.130 eng

Duration:

5 days

Location / Date / Fee:

Munich /

By arrangement /

On request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

Certified SINA System Engineer Network & Security



Target group

Administrators of configuration authorities (ACL management) in larger SINA installations with distributed management systems.

Requirements

Level "Certified SINA System Engineer"

Course objectives

Participants learn to administrate and operate larger and especially distributed SINA management environments.

Contents

- Configuration and administration of complex scenarios
- Netdesign ACL management (security associations) of larger networks
- Advanced functions: DHCP, NAT TRAVERSAL, PPPoE, Proxy ARP, VoIP, WLAN
- Complex Thin Client scenarios
- Terminal server architectures
- Bandwidth management
- Backup routing
- Basics of high availability
- Backup & recovery
- Network analysis
- Practice scenarios

Exam

Written and practical exam to reach the level of a "Certified SINA System Engineer Network & Security".

In case the exam is not passed, it is obligatory to visit the training another time in order to gain exam-admission.

Course No.:

S33.140 eng

Duration:

5 days

Location / Date / Fee:

Munich /

By arrangement /

On request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

SINA Project Management & System Integration



Target Group

SINA project managers, integrators, system specialists with needs for comprehensive SINA know-how.

Requirements

- SINA Admin Basic
- SINA Advanced Administrator
- SINA Expert

Course objectives

After this seminar, participants will be able to handle the tools and methods related to the handling of classified information that are required to manage SINA projects independently and to integrate SINA components.

Contents

- Requirements analysis
- Network planning
- Development of SINA operation concepts
 - operation concepts
 - migration concepts
 - distribution concepts
 - security concepts, policies
- Suitable measures of project management (best practice)
- Problems of confidential matters, cooperation with public bodies
- Selected projects
- Practical exercises

Exam

Written and practical exam. This course is required to reach the level of the "Accredited SINA System Architect".

In case the exam is not passed, it is obligatory to visit the training another time in order to gain exam-admission.

Course No.:

S33.150 eng

Duration:

3 days

Location / Date / Fee:

Munich /

By arrangement /

On request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

SINA Instructor



Target group

SINA Trainers

Requirements

- Level Accredited SINA System Engineer
- Passed exam: Training "SINA Instructor"

Course objectives

Participants are able to hold SINA courses as SINA trainers after this course.

Contents

- Methodology
- Didactics
- Presentation techniques, rhetorics
- Co-moderation
- Independent execution of lessons
- Feedback rounds
- Mastery of training techniques
- Practice scenarios

Exam

Practical and oral exam. This seminar is, among others, required to reach the level of an "Accredited SINA Instructor".

In case the examination is not passed, it is obligatory to visit the training another time in order to gain exam-admission.

Course No.:

S33.160 eng

Duration:

5 days

Location / Date / Fee:

Munich /

by arrangement /

On request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

SINA Version Update



Target group

All participants of SINA seminars.

Requirements

- Basics of IP
- VPN, IPSec/IKE
- Cryptography
- Training SINA Operator
- SINA System Engineer
- Admin or higher

Course objectives

Participants learn about the current release versions.

Contents

- Information about changes with regard to earlier versions
- Practice scenarios with new versions and functionalities

Exam

None

Course No.:

S33.202 eng

Duration:

2 days

Location / Date / Fee:

Munich /

by arrangement /

on request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

SINA Virtual Workstation



Target group

Project Manager and SINA Administrators

Requirements

- SINA System Engineer or higher

Course objectives

Participants will be able to plan the operation of SINA Virtual Workstations scenarios, and will be able to configure and operate them.

Contents

- Theory: virtualisation systems, crypto file systems, specifics of classified information
- Implementation, configuration and administration of SINA Virtual Workstations
- SINA Virtual Workstations in different scenarios
- Practice scenarios

Exam

None

Course No.:

S33.205 eng

Duration:

3 days

Location / Date / Fee:

Munich /

by arrangement /

on request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

SINA L2



Target group

Network specialists, administrators

Requirements

Basic knowledge of

- IP
- VPN
- Network security Basics
- Cryptography

Course objectives

Participants are able to plan the operation of SINA L2 and to configure and operate them after the seminar.

Contents

- Introduction and operation
- Configuration
- Network related performance and behaviour of SINA L2
- User concepts

Exam

Practical and theoretical exam.

Course No.:

S33.207 eng

Duration:

3 days

Location / Date / Fee:

Munich /

by arrangement /

on request

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

Application form



Course

Title:	<input type="text"/>		
Course n°:	<input type="text"/>	Location:	<input type="text"/>
Fee:	<input type="text"/>	EUR + VAT.	Date: <input type="text"/>

Attendee

Company:	<input type="text"/>		
Attendee:	<input type="text"/>	Position:	<input type="text"/>
Division:	<input type="text"/>	Telephone:	<input type="text"/>
Address:	<input type="text"/>	Fax:	<input type="text"/>
ZIP Code/city:	<input type="text"/>	E-Mail:	<input type="text"/>

Special address for invoice (if different from above mentioned address)

Company:	<input type="text"/>		
Division:	<input type="text"/>	Name:	<input type="text"/>
Address:	<input type="text"/>	Telephone:	<input type="text"/>
ZIP code/city:	<input type="text"/>	Fax:	<input type="text"/>

Disclaimer

Fees include seminar material, certification of participation, lunch and beverages during breaks.

Change of date or cancelation only due to imperative. In this case, participants are informed immediately. There are no further claims. Adaption of program and contents to current demands lies with the organiser. Our general terms and conditions for seminars apply.

Contact

Further information, detailed program, consulting, in house training and registration:

Schulungszentrum München
secunet Security Networks AG
Konrad-Zuse-Platz 2-3, 81829 München
Telephone: +49 201 5454 3520
Fax: +49 201 5454 1328
E-Mail: schulung@secunet.com
www.secunet.com

With my signature, I agree to the terms of participation.

Place/Date:	<input type="text"/>	Signature:	<input type="text"/>
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Terms of participation



Registration

The number of participants of a seminar is limited. Therefore, an early registration is in your own interest. Registrations are considered in order of their receipt. Each registration is reconfirmed in writing by secunet Security Networks AG.

Cancelations

In case a cancelation is made after confirmation, a one-time charge of EUR 77 plus VAT has to be paid. If a participant cancels within the last week before the seminar or does not show up at all, the whole fee has to be paid. The preceding is dispensed if a paying substitute participant is provided by the cancelling participant or if secunet Security Networks can allocate and bill the spot. Changes of program and a cancelation due to organisational reasons lie with the organiser. In case of cancelation, all fees paid are refunded. There are no further claims.

Responsibility

The choice of seminar lies in the participant's responsibility. The respective seminar is prepared and conducted on the current technical standard. secunet Security Networks excludes liability for given advice or the use of gained knowledge. Seminar material or program may not be copied or handed to third parties neither before, nor during, nor after the seminar.

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