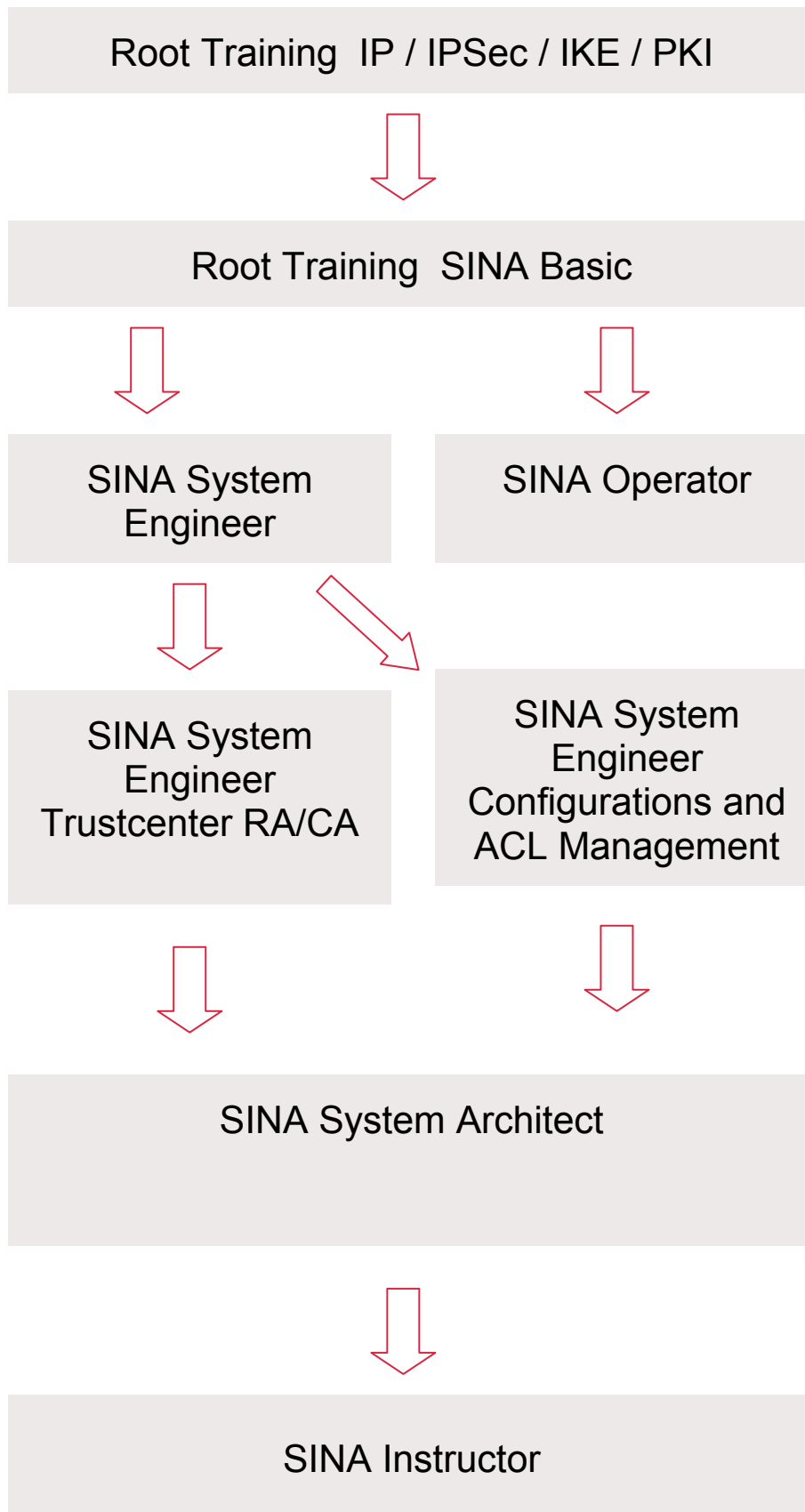


Trainings



Modules of training



Special Modules

For System Engineers or Operators

- SINA Version Upgrade
- Virtual Workstation
- SINA Layer 2
- Projektworkshop

Root 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 on IP
- Measures of addressing
- Routing
- Standards
- Overview on Layer 2 and 3 VPN technology
- Basic procedures of network security
- Introduction to IPSec
- Internet Key Exchange

Examination

None

Course No.:

S33.100 eng

Duration:

1 day

Location / Date / Fee:

Dresden /

By arrangement /

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

Root 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 measures
- Basics of PKI theory
- Introduction to the SINA solution family

Examination

None

Course No.:

S33.100 eng

Duration:

1 day

Location / Date / Fee:

Dresden /

By arrangement /

Participants:

Max. 6

Contact:

training@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
- Practical exercises

Examination

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

In case the examination is not passed, it is obligatory to visit the training another time, in order to gain examination admittance

Course No.:
S33.110 eng

Duration:
3 days

Location / Date / Fee:
Dresden /
By arrangement /

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:

- Root Training IP/IPSec/IKE/PK
- Root 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 how to operate and monitor of SINA components
- Troubleshooting with 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
- Practical exercises

Examination

None

Course No.:

S33.120 eng

Duration:

2 days

Location / Date / Fee:

Dresden /

By arrangement /

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"

Course objectives

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

Examination

Written and practical examination to gain the level of a "Certified SINA System Engineer Trustcenter".

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

Course No.:
S33.130 eng

Duration:
5 days

Location / Date / Fee:
Dresden /
By arrangement /

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.

Course objectives

- 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
- Practical exercises

Examination

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

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

Course No.:

S33.140 eng

Duration:

5 days

Location / Date / Fee:

Dresden /

By arrangement /

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

Knowledge from SINA Admin Basic, SINA Advanced Administrator and Expert courses.

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

- Demand 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

Examination

Written and practical examination. This course is, required to gain the level of the "Accredited SINA System Architect".

In case the examination is not passed, it is obligatory to visit the training another time, in order to gain examination admittance

Course No.:

S33.150 eng

Duration:

3 days

Location / Date / Fee:

Dresden /

By arrangement /

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
- Autonomous execution of lessons
- Feedback rounds
- Mastery of training techniques
- Practical exercises

Examination

Practical and oral examination. This seminar is, among others, required to gain 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 examination admittance.

Course No.:

S33.150 eng

Duration:

5 days

Location / Date / Fee:

Dresden /

by arrangement /

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 in regard to earlier versions
- Practical exercises with new versions and functionalities.

Examination

None

Course No.:

S33.202 engl.

Duration:

2 days

Location / Date / Fee:

Dresden /

by arrangement /

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
- Practical exercises

Examination

None

Course No.:

S33.205 engl.

Duration:

3 days

Location / Date / Fee:

Dresden /

by arrangement /

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
- 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

Examination

Practical and theoretical examination.

Course No.:

S33.207 engl.

Duration:

3 days

Location / Date / Fee:

Dresden /

by arrangement /

Participants:

Max. 6

Contact:

schulung@secunet.com

www.secunet.com

Application form



Course

title:	_____		
course n°:	_____	Location:	_____
fee:	_____	EUR + VAT.	Date: _____

Attendee

Company:	_____		
Attendee:	_____	Position:	_____
Division:	_____	Telephone:	_____
Address:	_____	Fax:	_____
ZIP Code/city:	_____	E-Mail:	_____

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

Company:	_____		
Division:	_____	Name:	_____
Address:	_____	Telephone:	_____
ZIP code/city:	_____	Fax:	_____

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 if program and contents to current demands lies with the organiser. Our general terms and conditions for seminars apply.

Contact

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

Trainincenter Dresden
secunet Security Networks AG
Ammonstrasse 74, 01067 Dresden
Telephone: +49 201 5454 3520
Fax: +49 201 5454 1328
E-Mail: schulung@secunet.com, www.secunet.com

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

Place/Date:	_____	Signature:	_____
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Terms of participation



Registration

The number of participants of a seminar is restricted. 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 that 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 programme a cancelations 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 programme may not be copied or handed to third parties neither before, nor during, nor after the seminar.

Contact

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Ammonstrasse 74
01067 Dresden
GERMANY

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