

Training Catalog

Product Trainings

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1 Training Courses

To enable the use of our security solutions professionally, we offer a training program for all genua products. The mode of operation is covered in detail, and all questions concerning installation and ongoing maintenance are handled.

To assure the best learning effect, the maximum number of participants is limited to six or eight participants, depending on the course. The trainings take place in our well-equipped training rooms in Kirchheim near Munich, or at our locations in Berlin and Cologne, or as online format. All genua locations can be easily reached by car and public transportation. Several hotels and restaurants are in the vicinity of our office.

Current training dates are published on our homepage:

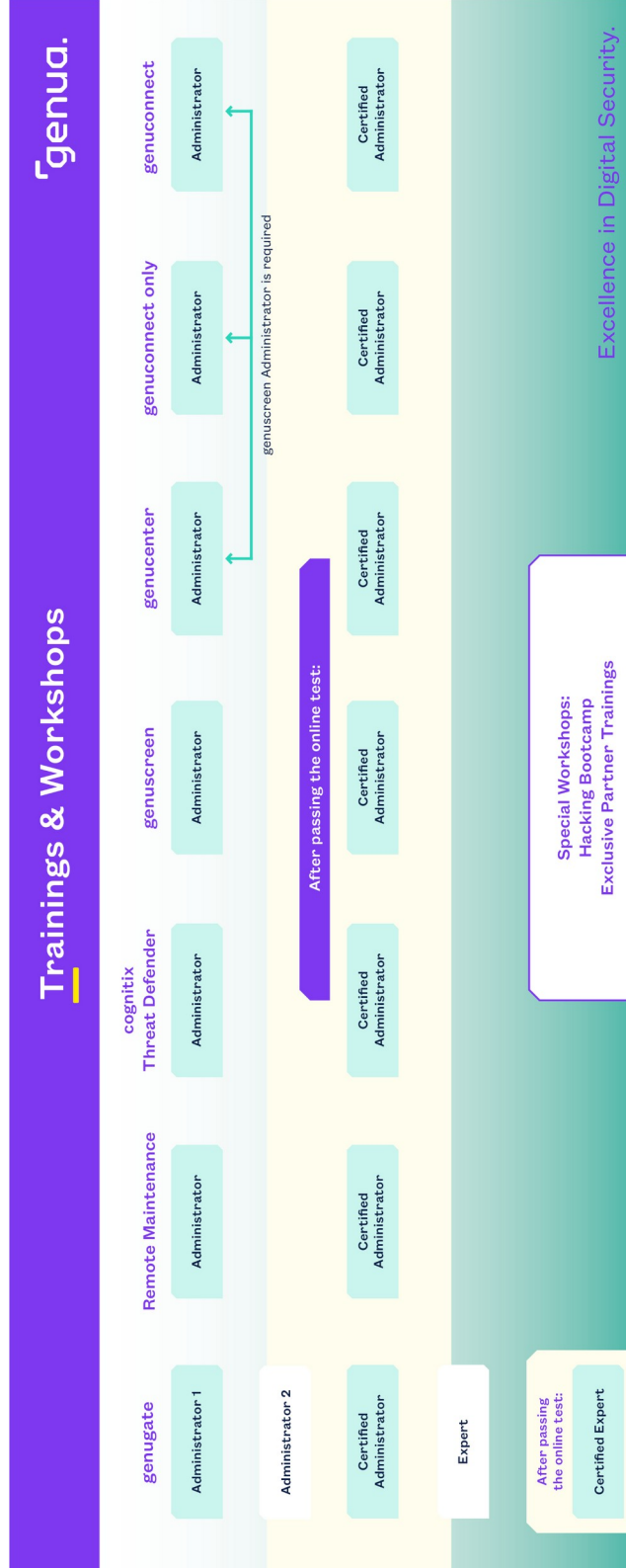
<https://www.genua.eu/it-security/solutions/workshops-trainings>

You can register for a course directly on our website, use the enclosed fax reply form, or contact us at training@genua.de.

The following pages provide an overview of training content, and the terms and conditions.

We are looking forward to seeing you at the genua training facilities!

2 Overview



3 Product Training

3.1 Firewalls & Gateways

3.1.1 genugate Administrator 1 Training

The high resistance firewall genugate ensures maximum security at interfaces based on the two-tier firewall system. The genugate system has also been certified by the Federal German Office for Information Security (Bundesamt für Sicherheit in der Informationstechnik, BSI) up to the strict Common Criteria (CC) EAL 4+ level. In addition, genugate has been classified as “Highly Resistant” due to its extremely high resistance against direct attacks. genugate is the only firewall in the world that offers such a high level of security.

In this course, functionality and setup of the genugate firewall are presented. The numerous possibilities for configuration and run time system supervision are reviewed in detail.

Contents:

- Layout and functions
- System administration of the application-level gateway
- System administration of the packet filter
- User administration
- Connection concept and firewall rules
- Statistics and log files
- WWW

Participants:	Administrators, data protection officers and other employees who install, configure and manage genugate systems
Notes on certification:	Good knowledge of UNIX, TCP/IP and the administration of complex network environments
On site Duration, number of participants and location:	2 days, 9 a.m. to 5 p.m. (max. 8 participants). The training takes place in Kirchheim near Munich, Köln, Berlin.
Online Duration, number of participants and location:	3 days, 9 a.m. to 3 p.m. (max 6 participants) Microsoft Teams is used for online trainings.
Online Conditions:	In order for online performance to be guaranteed, a mandatory connection test (30-60 minutes) must be completed in advance. Without this, participation in online training is not possible.

Costs

The participation fees listed below describe the price of the training per participant including documents, drinks and lunch (excluding VAT).

Standard price for customers:

- 1.979,00 €

3.1.2 Certified genugate Administrator 2 Training

The high resistance firewall genugate ensures maximum security at interfaces based on the two-tier firewall system. The genugate system has also been certified by the Federal German Office for Information Security (Bundesamt für Sicherheit in der Informationstechnik, BSI) up to the strict Common Criteria (CC) EAL 4+ level. In addition, genugate has been classified as “Highly Resistant” due to its extremely high resistance against direct attacks. genugate is the only firewall in the world that offers such a high level of security.

In the course Administrator 2, the genugate options High Availability (HA) and VPN in the DMZ, as well as of complex firewall installations are presented. The course is complemented with the help of practical exercises and strategies for troubleshooting a running system.

Contents

- Installation
- Troubleshooting
- Installation and management of an HA system (OSPF)
- Installation and management of an HA system (CARP)
- Working with an HA system
- VPN in the DMZ
- Disaster Recovery
- Ipv6

Participants:	Administrators, data protection officers and other employees who install, configure and manage genugate systems.
Required training:	genugate Administrator 1
Duration, number of participants and location:	3 days, 9 a.m. to 5 p.m. (max. 8 participants) The Training take place in Kirchheim near Munich, Köln or Berlin

Notes on certification

After the course, we offer an online examination. After completing the test successfully, you will receive the certificate Certified genugate Administrator.

Costs

The participation fees listed below describe the price of the training per participant including documents, Online exam for certification, drinks and lunch (excluding VAT).

Standard price for customers:

- 3.085,00 €

3.1.3 genugate Release Training

We are constantly updating and developing our IT security solutions. Release trainings for new product features and their best use are available on a regular basis. All updates and new features are demonstrated in a hands-on seminar that also is the best preparation for our online exam. Customers and partners may join us to test their knowledge and receive a product certificate.

Contents

The concrete training contents result from the innovations/changes of the release specifically discussed in the training.

Participants: Administrators who already use the genugate system, and want to learn about the newest version features and renew certification.

Required training: genugate Administrator 1 Training

Duration, number of participants and location: 1 day, 9 a.m. to 5 p.m. (max. 8 participants)

The training take place in Kirchheim near Munich or Online.

Microsoft Teams is used for online trainings.

Costs

The participation fees listed below describe the price of the training per participant including documents, drinks and lunch (excluding VAT).

Standard price for customers:

- 1.025,00 €

3.1.4 Certified genugate Expert Training

The high resistance firewall genugate ensures maximum security at interfaces based on the two-tier firewall system. The genugate system has also been certified by the Federal German Office for Information Security (Bundesamt für Sicherheit in der Informationstechnik, BSI) up to the strict Common Criteria (CC) EAL 4+ level. In addition, genugate has been classified as “Highly Resistant” due to its extremely high resistance against direct attacks. genugate is the only firewall in the world that offers such a high level of security.

This course presents installation, configuration, and administration of the high resistance firewall genugate in extensive operational environments. Core topics are the SSH relay, LDAP or REST API/Ansible. In addition we perform practical exercises.

Contents

- Installation/Konfiguration with USB Stick
- SSH-Relay
- Link Aggregation
- genugate connection to genucenter
- REST API of the genugate
- LDAP
- Nagios and Zabbix
- Logging and system monitoring
- Web Application Firewall
- Ansible

Participants: Administrators, data protection officers and other employees who install, configure and manage genugate systems in complex environments.

Required training: genugate Administrator 1 and 2

Duration, number of participants and location: 2 days, 9 a.m. to 5 p.m. Uhr (max. 8 participants)

The Training take place in Kirchheim near Munich.

Notes on certification

After the course, we offer an online examination. After completing the test successfully, you will receive the certificate Certified genugate Expert

Costs

The participation fees listed below describe the price of the training per participant including documents, Online exam for certification, drinks and lunch (excluding VAT).

Standard price for customers:

- 1.979,00 €

3.2 Remote Maintenance

3.2.1 Certified Remote Maintenance Administrator Training

The genubox security platform offers intelligent remote services at any location. The appliance initializes encrypted VPN tunnels over the Internet to the managed servers for the exchange of data and offers an integrated application platform. This platform supports the implementation of custom applications that can be executed remotely to monitor, remote control and maintain machinery such as robotic automation systems, printing machines or diesel engines of ships.

Setup and operation of the genubox are presented. Installation, management via the server, and updates are explained step-by-step. Practical examples are an important part of this course.

Contents

- Installation genubox/genuReSI
- genubox layout and functions
- System administration for genucenter
- Firewalling und VPN configuration
- Configuration of a remote maintenance solution via genucenter (rendezvous)
- Application scenarios with and without genuReSI
- Problem solving

Participants:	Administrators who install, configure and manage the genubox in complex environments, or design their use
Necessary prior knowledge:	Good knowledge of UNIX, TCP/IP, and the administration of complex network environments
On site Duration, number of participants and location:	3 days, 9a.m. to 5 p.m. (max. 8 participants) The Training take place in Kirchheim near Munich.
Online Duration, number of participants and location:	4 days, 9 a.m. to 3 p.m. (max. 6 participants) Microsoft Teams is used for online trainings.
Online conditions:	In order for online performance to be guaranteed, a mandatory connection test (30-60 minutes) must be completed in advance. Without this, participation in online training is not possible.

Notes on certification

After the course, we offer an online examination. After completing the test successfully, you will receive the certificate Certified Remote Maintenance Administrator.

Costs

The participation fees listed below describe the price of the training per participant including documents, Online exam for certification, drinks and lunch (excluding VAT).

Standard price for customers:

- 3.085,00€

3.3 Virtual Private Network (VPN)

3.3.1 Certified genuscreen & genucrypt Administrator Training

With the stateful packet filter genuscreen you can guard your network securely from the outside world, and in addition protect particularly sensitive systems within corporate networks. Typically, this powerful firewall will be added as a bridging firewall to existing networks and implement security zones: All incoming traffic will be analyzed, and only explicitly permitted connections will be transmitted.

The VPN appliance genucrypt enables confidential communication over public networks. The appliance encrypts the data, and establishes secure connections known as VPN (Virtual Private Networks) tunnels. This method also securely transfers highly sensitive information between distributed locations, with powerful encryption techniques guaranteeing confidentiality.

Product layout and functions are presented in this course. You will install, configure and administer the appliance. We will demonstrate how to administer multiple machines comfortably with the Central Management Station genucenter.

Contents

- Installation genuscreen
- Layout and functions of genuscreen/genucrypt
- System administration using the standalone GUI
- Firewalling and VPN configuration
- Debugging
- High Availability operation
- Configuration of genuscreen
- genucenter overview

Participants:	Administrators and other employees who install, configure and manage genuscreen/crypt systems in complex environments or plan their use
Necessary prior knowledge:	Good knowledge of UNIX, TCP-IP, and the administration of complex network environments
On site	Kirchheim near Munich:
Duration, number of participants and location:	1,5 days, 1 p.m. to 5 p.m. and 9 a.m. to 5 p.m. (max. 8 participants)
	Köln/Berlin:
	1,5 Tage, 9 a.m. to 5 p.m. and 9 a.m. to 2 p.m. (max. 8 participants)
Online	2 days, 9 a.m. to 3.30 p.m. (max. 6 Participants)
Duration, number of participants and location:	Microsoft Teams is used for online trainings.
Online conditions:	In order for online performance to be guaranteed, a mandatory connection test (30-60 minutes) must be completed in advance. Without this, participation in online training is not possible.

Notes on certification

After the course, we offer an online examination. After completing the test successfully you will receive a certificate Certified genuscreen Administrator.

Costs

The participation fees listed below describe the price of the training per participant including documents, Online exam for certification, drinks and lunch (excluding VAT).

Standard price for customers:

- 1.539,00 €

3.4 Central Management

3.4.1 Certified genucenter Administrator Training

genua security solutions can be configured, administrated and continuously monitored via the integrated genucenter Central Management Station GUI. Using this overview, it is easy to keep an eye on your IT security and make sure all systems are up-to-date and running flawlessly. Modifications and updates can be simultaneously transferred to any number of systems using the convenient group functionality. Thus, policies can be consistently implemented in the entire network. New additions to your IT security environment are easily integrated by the Central Management Station, and immediately set up with an established configuration.

We offer one-and-a-half-day training courses on the current version of genucenter so that you can get to know the new features and use them properly. Product layout and functions are presented. You will install, configure and administer the appliance. In addition to the new GUI, we also demonstrate the new genucenter high availability concept.

Contents

- genucenter basics
- Installation, configuration and administration of appliances
- GUI and functions
- Use of filters
- VPN definitions
- Update and upgrade
- High availability with genuscreen
- High availability with genucenter

Participants:	Administrators and other employees who install, configure and manage genuscreen/crypt systems in complex environments or plan their use.
Required training:	genuscreen & genucrypt Administrator
On site	Kirchheim near Munich:
Duration, number of participants and location:	1,5 days, 9 a.m. to 5 p.m. and 9 a.m. to 2 p.m. (max. 8 participants)
	Köln/Berlin:
	1.5 days, 2 p.m. to 5 p.m. and 9 a.m. to 5 p.m. (max. 8 participants)
Online	2 days, 9 a.m. to 3.30 p.m. (max. 6 participants)
Duration, number of participants and location:	Microsoft Teams is used for online trainings.
Online conditions:	In order for online performance to be guaranteed, a mandatory connection test (30-60 minutes) must be completed in advance. Without this, participation in online training is not possible.

Notes on certification

After the course, we offer an online examination. After completing the test successfully you will receive a certificate Certified genucenter Administrator.

Costs

The participation fees listed below describe the price of the training per participant including documents, Online exam for certification, drinks and lunch (excluding VAT).

Standard price for customers:

- 1.539,00 €

3.5 Mobile working

3.5.1 Certified genuconnect Administrator Training

genuconnect is a software-based VPN client for the highly secure connection of remote workstations to an organizational network and approved by the BSI for VS-NfD and the comparable EU and NATO classification levels. This 2.5-day training is for system administrators who already have experience with genua products, especially genuscreen and genucard.

Contents

genucenter basics:

- Installation of the genuscreen
- Application of filters
- Backup of the genucenter
- Patch & Upgrade of the genucenter
- VPN definitions
- VS-NfD compliance

genuconnect

- Introduction genuconnect
- Installation
- Rollout
- VPN and TND
- Public Key Infrastructure
- Support
- Captive portal browser
- Debugging & best practices

Participants:	Administrators who install, configure and support genuconnect in complex environments or design their use
Required training:	genuscreen & genucrypt Administrator
Duration, number of participants and location:	2,5 days, 2 p.m. to 5 p.m. and 9 a.m. to 5 p.m. (max. 8 participants) The Training takes place in Kirchheim near Munich.

Notes on certification

An online exam is offered following the training. Successful completion of the exam is required to achieve Certified genuconnect Administrator status.

Costs

The participation fees listed below describe the price of the training per participant including documents, Online exam for certification , drinks and lunch (excluding VAT).

Standard price for customers:

- 2.519,00 €

3.5.2 Certified genuconnect Only Administrator Training

genuconnect is a software-based VPN client for the highly secure connection of remote workstations to an organizational network and approved by the BSI for VS-NfD and the comparable EU and NATO classification levels. This one-day training is for system administrators who already have experience with genua products, especially genuscreen, genucenter and genucard. In contrast to genuconnect, the installation/configuration of the genucenter is not covered in this training course.

Contents

- genuconnect basics
- Installation
- Rollout
- VPN and TND
- Public Key Infrastructure
- Support
- Captive portal browser
- Debugging & best practices

Participants: System administrators who already use genucard or vs-top and have corresponding practical experience.

Required training: genuscreen & genucrypt Administrator and genucenter Administrator

Duration, number of participants and location: 1 day, 9 a.m. to 5 p.m. (max. 8 participants)

The Training take place in Kirchheim near Munich.

Notes on certification

An online exam is offered following the training. Successful completion of the exam is required to achieve Certified genuconnect Administrator status.

Costs

The participation fees listed below describe the price of the training per participant including documents, Online exam for certification drinks and lunch (excluding VAT).

Standard price for customers:

- 1.025,00 €

3.5.3 On request: genucard Training

A “restricted” VPN solution as certified by the BSI can be implemented in a setup with the mobile security device genucard, the firewall & VPN appliance genuscreen and the central management station genucenter.

Transmitted data will be protected by strong encryption algorithms. In this course, the administration of genucards and genuscreens using genucenter and smartcards is presented.

Contents

genucenter layout and functions

- Application of filters
- VPN definitions
- High availability with genuscreen
- Disaster recovery with genucenter
- VS-NfD conformity
- Introduction to smartcards

genucard

- Basics
- Installation and configuration
- Test setups
- Using smartcards

Participants & required equipment:	Administrators and other employees who install, configure and manage VPN installations in complex environments or plan their use. Own laptop (Linux or Windows 7 (2x USB, 1x Ethernet) for connecting the genucard (No Apple MAC, please)
Required training:	genuscreen & genucrypt Administrator or Remote Maintenance Administrator
Duration, number of participants and location:	3 days, everyday 9 a.m. to 5 p.m. (max. 6 participants) The training courses take place in Kirchheim near Munich and are offered on request.

Costs

The participation fees listed below describe the price of the training per participant including documents, drinks and lunch (excluding VAT).

Standard price for customers:

- 3.599,00 €

4 Internal Network Security

4.1 Certified Cognitix Threat Defender Administrator Training

The innovative solution cognitix Threat Defender goes beyond intrusion prevention: With AI, data analytics and threat intelligence functions, cognitix Threat Defender builds a second line of defense in the network and thus complements your firewall solutions that control and secure data traffic at the interfaces.

In this training, we teach installation, setup and integration of the product into the network. We also explain how to configure global rules and advanced correlation scenarios. We then go into detail about the various components of the Threat Intelligence system.

Contents

- Installation/Configuration
- Network analysis
- Integration into the network
- System update
- Structure and functions
- Advanced correlation scenarios
- Threat Intelligence
- System maintenance and logging

Participants:	Administrators who install, configure, and support cognitix Threat Defender or design their use
Necessary prior knowledge:	Good knowledge of UNIX, TCP-IP, and the administration of complex network environments
Duration, number of participants and location:	1,5 days, 1 p.m. to 5 p.m. and 9 a.m. to 5 p.m. (max. 8 participants) The Training take place in Kirchheim near Munich.

Notes on certification

An online exam is offered following the training. Successful completion of the exam is required to achieve Certified Cognitix Treat Defender Administrator status.

Costs

The participation fees listed below describe the price of the training per participant including documents, Online exam for certification, drinks and lunch (excluding VAT).

Standard price for customers:

- 1.539,00 €

5 Further Trainings

5.1 Hacking Bootcamp

In the Hacking Bootcamp, network administrators learn about the methods of hackers, and the most important issues in securing a system. The techniques demonstrated of course may not be used to attack or spy on others. Therefore, every participant must sign a corresponding declaration of commitment included with your order confirmation.

Contents

Acquiring Information: Methods how to acquire information for use in a subsequent attack.

Sniffing methods: How to trace and analyse the data stream of a network by simple means.

Cracking passwords: Many passwords can be easily cracked – see for yourself!

Scanning: Use different programs to search for open resources in our test network for use in an attack. Several types of scanning are explained.

Exploits: Specific attacks, such as exploiting buffer overflows, denial-of-service attacks, using manipulated Web sites or taking over connections.

Rootkits: Programs frequently installed by attackers in successfully hijacked systems. Learn what rootkits contain, what they exactly do, how to install, and how to identify them.

WaveLAN: The design of wireless networks, WEP encryption and associated problems is presented. Furthermore, the special denial-of-service attack concerning the 802.11 protocol is discussed in detail.

Participants: Firewall administrators and all interested in techniques and methods to attack systems.

Necessary prior knowledge: Good knowledge of UNIX and TCP/IP

Duration, number of participants and location: 3 days, 9 a.m. to 5 p.m. (max. 8 participants)

The Training take place in Kirchheim near Munich.

Costs

The participation fees listed below describe the price of the training per participant including documents, drinks and lunch (excluding VAT).

Standard price for customers:

- 2.295,00 €

5.1.1 Recertification

Through regular participation in our sales partner training courses and release training, our partners are able to sell genua products competently. In order to guarantee the high level of trained employees in the long term, genua requires its partners to regularly take part in release training courses, in which know-how about new products and features is transferred.

These take place close in time to a new product release. Following release training or self-study, an exam (online exam) must be successfully completed in order to obtain certification status.

Release training is not offered for less complex products: Here, self-study through release notes, manual etc. is sufficient.

In order to obtain the Certified genu "x" Administrator status, successful participation in the exam (online exam) is required in any case.

6 Registration

Training

Date

Please in block letters:

Participant data:

Company

Name Department

Street Location

Telephone E-Mail

Data contact person (if different):

Name Department

Street Location

Telephone E-Mail

Different billing address:

Name Department

Street Location

Telephone E-Mail

Important notice

I hereby bindingly register for the events marked above. I have taken note of the applicable conditions of participation for genua training courses. After we have received your registration, we will send you a booking confirmation.

Location/Date Signature

This is how you can reach us:

genua GmbH, Überehnerstraße 5, 85551 Kirchheim bei München

tel +49 89 991950-333, fax +49 89 991950-999, training@genua.de, www.genua.de

7 Conditions of participation

For the training courses and workshops of genua GmbH (genua) for end customers and sales partners (customer), the item “General Terms and Conditions (as of July 1st, 2024) in the document section 21 applies under the following link:

As of 1st of July 2024