

genucenter

Facts & Features



Central Management Station

Definition

The Central Management Station genucenter enables you to inventory, configure, continuously monitor, and manage the security solutions from genua in a time saving manner via a uniform GUI or a REST-API. The basis is a tree structure of all products used, including a role-based assignment of administration rights. This overview allows you to keep an eye on the status of the IT security infrastructure from various perspectives at all times. It ensures that all systems are always up-to-date and running flawlessly.

In addition to basic maintenance tasks such as software updates, further policy configuration modules are available for various product segments. To cover all requirements, genucenter is available on three different hardware models, as well as a virtualized solution.

Typical Use

Central administration/monitoring of these security systems:

- High Resistance Firewall genugate
- Industrial Firewall genuwall
- Firewall & VPN Appliance genuscreen
- VPN Appliance gencrypt
- Layer 2 Network Access Device
Adva FSP 150-XG118Pro
- Remote Service Solution genubox
- Data Diode cyber-diode
- IDS and IPS cognitix Threat Defender



genucenter is available as virtualized solution and rack system

Reasons to Choose genucenter

- Central and secure administration of genua appliances
- Easy rollout, configuration, and operation of numerous appliances
- Role based access control and rights assignment
- Consistent policy implementation
- Multitenancy for support of different customers or organization structures
- Clearly structured Web interface with domain dashboard and REST-API
- Integration in different sized environments due to several integrated features and optional interfaces

Customer Service

- Customer service directly from the manufacturer
- Security system management
- 24/7 hotline service/update service
- Comprehensive training courses

SecurITy
made
in
Germany

Core Features

Centralized version, patch, configuration, and system management	+
Separation using domains and sub domains	+
Sharing of objects enables convenient administration	+
Bulk configuration and REST-API for large scale operations and integration	+
Hierarchical policy enforcement through domain inheritance	+
Cluster setups (up to 9 nodes) for high availability/geo redundancy or load balancing	+
Scalable management architecture with separate deployment servers	+
Access from every client via state of the art browsers through HTTPS	+
Encrypted backup and restore of the internal database	+
Multi-language web interface with domain dashboard for aggregated information overview	+

Installation & Updates

Mass rollouts and change deployment via dedicated deployment servers for different locations	+
Access to static or dynamic connected appliances via communication servers using IPv4/6	+
Offline distribution via USB	+
Fully automatic installation of appliances via PXE	+

User & System Authentication

Simultaneous logins for different administrators	+
Different administration roles	+
Local and remote (LDAP, RADIUS) user management	+
Second factor authentication via certificates	+
Advanced smart card and VPN key handling/rekeying	+

Logging & Statistics

Central logging capability and syslog interface for small and intermediate setups	+
Live statistics feature for individual appliance usage monitoring	+
SNMP query and SNMP trap compatible monitoring interface	+
Configuration preview and changelog	+
Accounting for maintenance access via the rendezvous concept	+

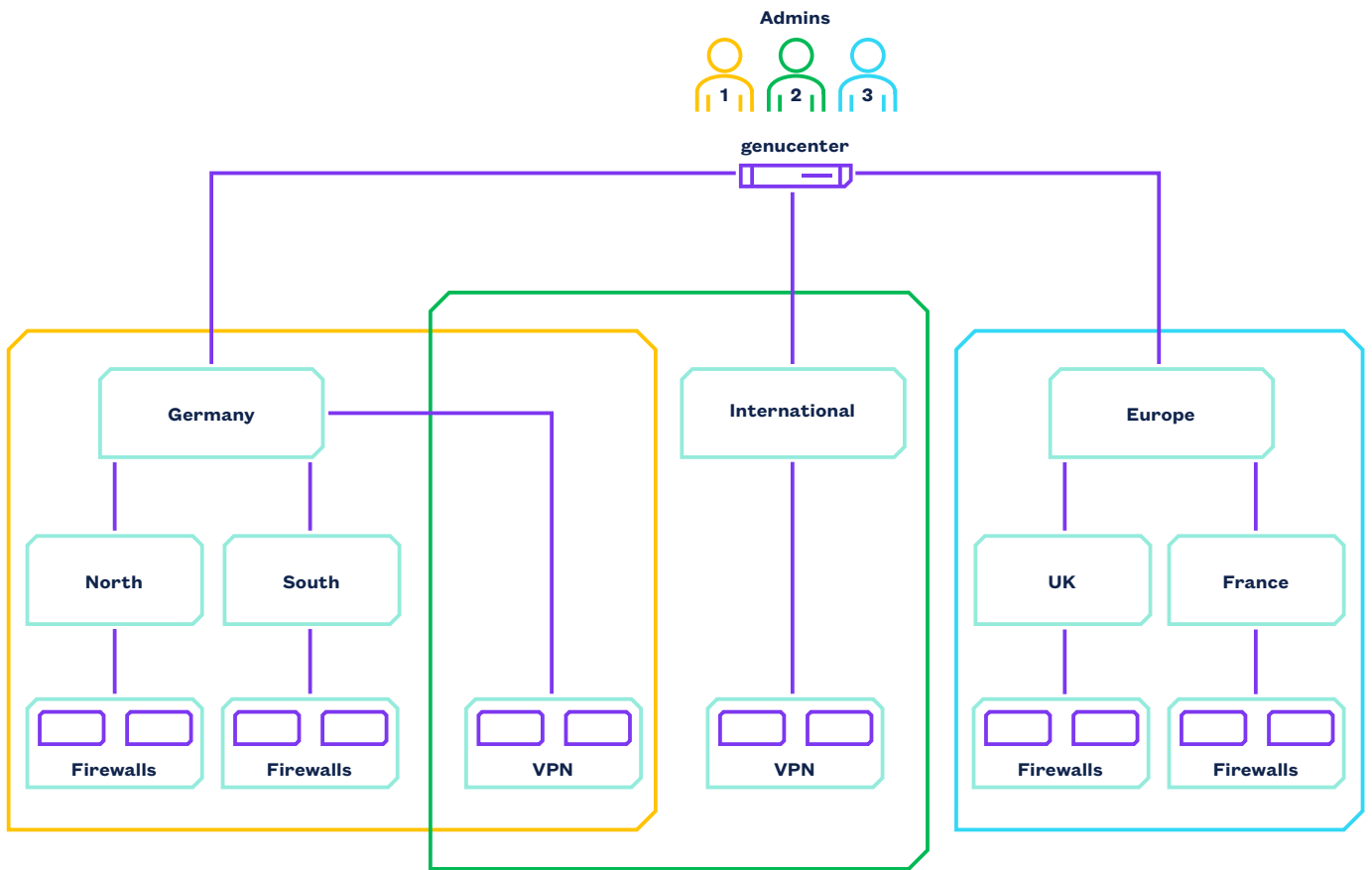
Compatible Hypervisor Versions for genucenter Virtual

Linux KVM 6.2.0 with virt-manager 4.0 on Ubuntu LTS 22.04	+
VMware ESXi 8.0 with vCenter	+
HyperV 9.0 based on Windows Server 2019	+

More product information



Use Cases



Conveniently Manage Complex Networks

Hierarchical management is a major genucenter feature. The management system can precisely map a structure organigram from the company headquarters down to individual departments at various locations. Configurations are easily inherited in this tree structure and enable convenient administration.

genucenter supports multitenancy, as well as the assigning of roles and tasks to administrators: For example, one admin can handle security systems in Germany only, while the other is limited to taking care of all VPN key operations, etc.

Further Information:

www.genua.eu/genucenter

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