ZYXEL

Cloud CNM SecuManager

Security Appliance Management

For both internal and global network deployments, the centralized management features of Zyxel's next-generation firewalls minimize administrative efforts and operating costs especially for multiple-site or large-scale deployments.

The Zyxel Cloud CNM SecuManager is a comprehensive network management software that provides an integrated console to monitor and manage Security Gateways including the Zyxel USG/ ZyWALL Series that can be extended in the future. It offers a great set of features that come together to bring you four benefits - centralized control, easy management, smart monitoring, and advanced provisioning over your network, ultimately to unlock your business potential.

Perform management and backup configuration from a centralized platform

Apply manual or scheduled firmware upgrades to all managed gateways

VPN provisioning with different scenarios

Centralized display and management of event/ alarm notifications

Manage a wide set of system restore/backup and monitoring

Centralized Control
- Easily scalable
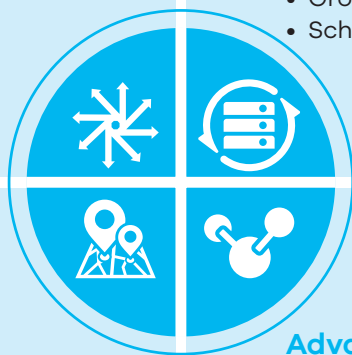- Interface to device portal

Easy Management
- Firmware and configuration management
- Group cconfiguration
- Scheduling

Smart Monitoring
- 3-Levels account Mgt.
- Auto GeoIP map view
- Event/alarm notification

Advanced Provisioning
- Various scenarios of VPN provision
- Single device provision

Datasheet Cloud CNM SecuManager

Benefits

Low TCO for massive deployments and device maintenance

The Zyxel Cloud CNM SecuManager enables quick configuration of a single device or a group of devices to improve management efficiency and to reduce overhead for massive deployments. It allows administrators to conduct firmware upgrade for multiple devices and to minimize end-user service disruption with the scheduling option. The device settings can be saved and restored on a regular basis or on demand, while the group operation design relieves network maintenance efforts for administrators.

Group tasks to save work time

IT staff often find themselves bogged down, wasting time on setting up the same configurations for multiple devices over and over again. Zyxel Cloud CNM SecuManager streamlines and simplifies such operations so that tasks can be easily added to predefined device groups. All scheduled tasks can then be executed automatically or manually in groups.

Fast, reliable VPN provisioning with ease of integration

The Zyxel Cloud CNM SecuManager provides quick and easy service activation of VPN provisioning to accelerate consistent, reliable multi-sites deployments. It also reduces time and complexity to enable cost-effective supports for varying requirements across the network as there are four types of VPN provisioning: site-to-site, full mesh, hub and spoke, and remote access. When IT staff needs to check on a deployment, the VPN connection status for either a single device or a community can be easily monitored. This makes it easy for administrators to track tunnel status to stay on top of overall network conditions and make quick comparisons for debugging. The intelligent management of Zyxel Cloud CNM SecuManager accelerates speed of service deployments with improved operating efficiency.

Automatically locate devices

When registering a device to the server, IT staff usually needs to manually input the exact country, city or even real address to determine the device location. If above information is unavailable, the location cannot be mapped. Zyxel Cloud CNM SecuManager solves this dilemma by providing a GeoIP service that automatically locates the device using its extensive GeoIP database.

Specifications

Main Features

Dashboard & MAP
- System and device status
- Event/Alarm summary
- Google MAP for device location overview
- GeoIP to identify device location automatically

Devices Configuration and FW Management
- Device inventory
- Firmware upgrade (w/schedule)
- Configuration backup/upload (w/schedule)
- Script file as operation option
- Device group configuration for better management

Provision Management
- Device settings
  - VPN Monitor by communities and also single device
  - General
  - Provisioning of interfaces
  - Objects management
  - Routing
  - Device group provisioning
- Application scenario-VPN provision
  - Site to site
  - Full mesh
  - Hub and spoke
  - Remote access
- Global Address Object Import/ Export option

Event/Alarm
- Different colors for alarm status identification
- Key monitoring items:
  - Device off-line
  - CPU usage when over 80%
  - Memory usage when over 80%
  - Flash usage when over 80%
  - While session numbers over supported maximum value minus 500
  - Abnormal device reboot

System Maintenance
- Multi-Tenant
- System migrate and transfer
- Backup/Restore
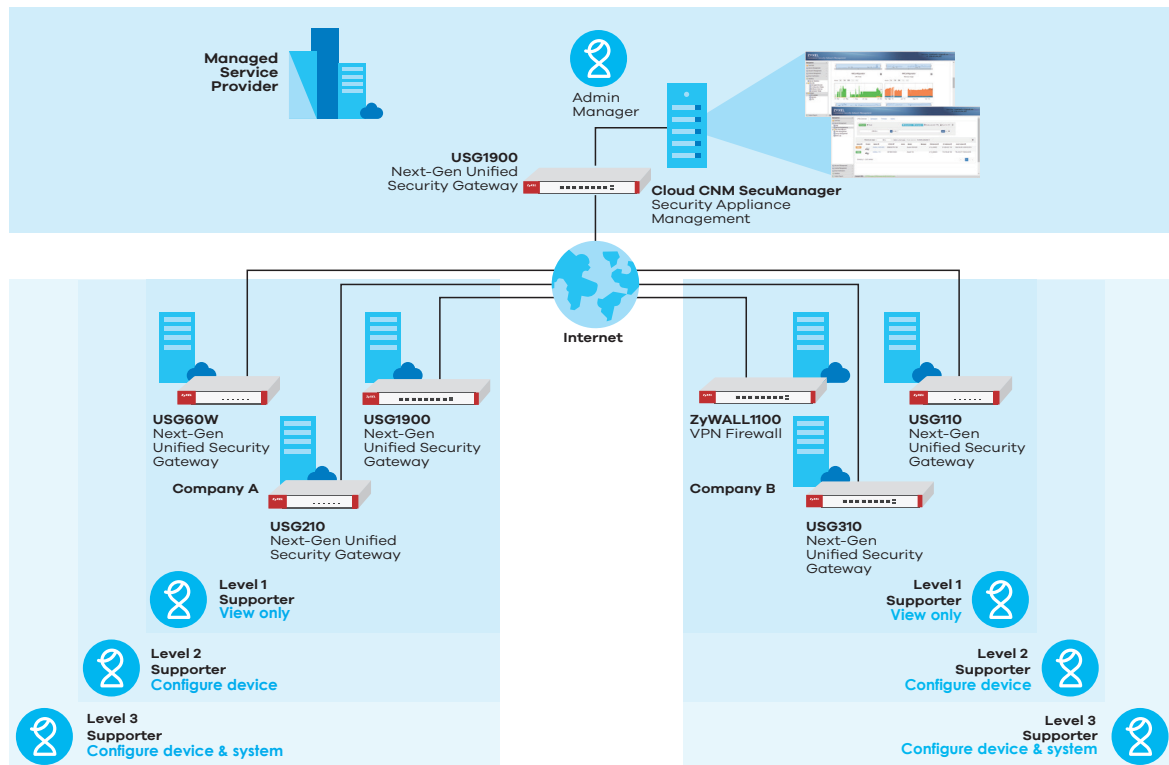- Data export
- System log
- System statistics

Notification
- Event/Alarm notification sent via mail

Application Diagram

Product Deployment Options

Virtual appliance (VMware)

VM System Requirements

Per Virtual Machine	Up to 50 Nodes	Up to 250 Nodes	Up to 500 Nodes	Up to 1000 Nodes
Instances required	1	1	1	1
CPU cores	2	2	4	8
RAM (GB)	8	16	24	32
HDD size or space on theSAN (GB)	50	50	100	200
Number of network interfaces	4	4	4	4

Supported VM Server:
• VMware ESXi Server (v5.10 or later)
• Windows Hyper-V Server (2008 R2 or later)

Account Management

Cloud CNM SecuManager provides multiple account types with different privilege levels:

• **Level 1 supporter:** Access to support portal; only read operations are allowed

• **Level 2 supporter:** Access to support portal; read/write operations are allowed without server-level access

• **Level 3 supporter:** Same privileges as admin

• **Administrator :** Application server-level access, full device access, user group definition, device database import and mass operations

* Note : License owner (Administrator) uses the same account of myZyxel for server activation and access

Supported Models

Product Series	Applied Products	Firmware Version
Next-Gen Unified Security Gateway Performance Series	USG60W/60/40W/40	ZLD 4.13 or above
Next-Gen Unified Security Gateway Advanced Series	USG310/210/110	ZLD 4.13 or above
Next-Gen Unified Security Gateway Extreme Series	USG1900/1100	ZLD 4.13 or above
VPN Firewall	ZyWALL 1100/310/110	ZLD 4.13 or above
	USG20/20W-VPN	ZLD 4.16 or above
	USG2200-VPN	ZLD 4.20 or above

License Service

- Activation, license transfer, scale up and management all through myZyxel
- Starter package with 10 nodes for 1 year
- One-time fee for different node number options that scale up to 1,000 capability
- License package:
  - Annual maintenance to continue using device & VPN provisioning functions and server upgrade
  - Trial license offer: 45-day trial period with 10 nodes

License	Description
Start up one-year package with 10 nodes	Mandatory with new installation
Add 10 nodes	Additional for more managed devices
Add 50 nodes	Additional for more managed devices
Add 200 nodes	Additional for more managed devices
Annual Maintenance	Fixed-rate activation fee required starting from second year

For more product information, visit us on the web at www.zyxel.com

Datasheet Cloud CNM SecuManager