

Monitoring and Managing Networks in the Cloud

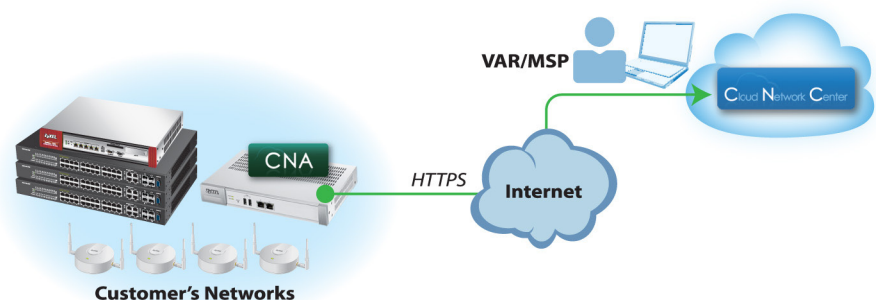
- Anywhere, anytime accessibility for remote network management through public clouds
- Manage multiple networks on a single platform
- Quick overview of network status across multiple sites
- Single pane of glass management for networking devices from switches, access points to gateways
- No local IT support required as any on-site staff can replace the failed devices easily

Managing network remotely is not always an easy job for administrators, especially when working on networks scattered across multiple sites or even countries. The ZyXEL Cloud Network Center (CNC) is a public cloud network management system that enables users to check the health status of single or multiple networks anytime, anywhere. The Web-based interface requires no extra management application to install or maintain, and it allows management of switches, access points and gateways performed through a single platform. You can use CNC to manage your network with scalable license plans to fulfill actual needs. What's more: the one-click restore feature of CNC enables faulty devices to be easily swapped out even by non-IT personnel.

Benefits

Easy, secure cloud management from remote CNA

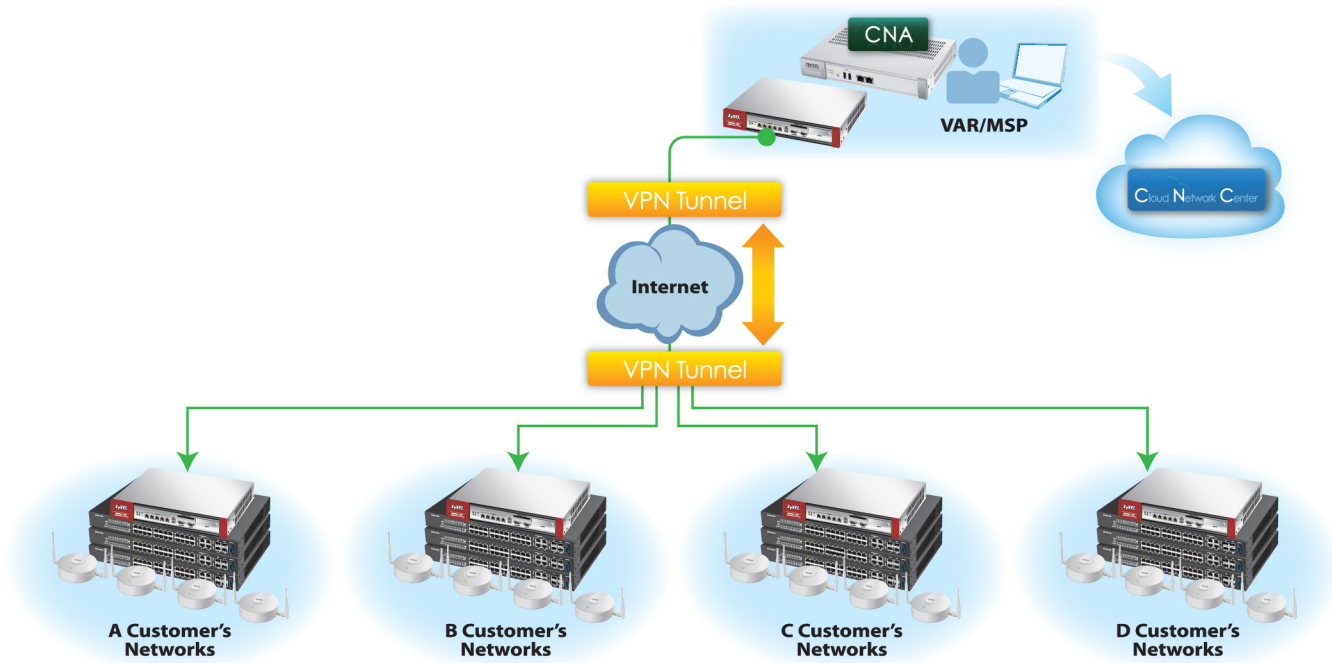
With Cloud Network Agent (CNA) deployed on customer networks, the ZyXEL CNC is able to collect the operating status of network devices as well as to manage customer networks through CNA with secure encryption. The CNA has DHCP enabled by default and NAT pass-through by nature to make zero-touch deployment possible. The ZyXEL CNC has secure remote GUI, and even CLI, accessibility to devices such as switches, access points and gateways to facilitate configuration and troubleshooting.



CNC
Cloud Network Center

Manage multiple networks from a central CNA

With the VPN tunnels existing among VAR/MSP and customers, ZyXEL's CNC elevates services to become a platform with only a single CNA deployed on the administrator site but is capable of managing multiple networks. The CNA collects operating status from ZyXEL networking devices scattered on multiple sites.



Monitoring dashboard

It's now easier than ever to manage networks on multiple sites and to monitor their on/off status. The main screen of the ZyXEL CNC MSP Portal provides a quick view of network health status of multiple organizations, which enables administrators to drill down to the organization view to see the number and status of devices on each site as well as to find the on/off status and more for each device in the site view. Additionally, the ZyXEL CNC allows multiple administrators to manage customer networks with different privileges for easier management with more flexibility.

The screenshot displays the ZyXEL CNC MSP Portal monitoring dashboard. The interface is divided into several sections:

- Organization Overview:** Shows a list of organizations and their sites.

Organization	Sites
MitraStar	1
ZyXEL-building-1	8
ZyXEL-building-2	1
- Site View:** Shows a list of sites and their devices.

Site	Devices
1F	50
2F	50
3F	21
4F	20
- Site Node View:** Shows a detailed view of the nodes at a specific site.

Type	System Name	Interface	Status	Model	Firmware Version	Location
Zywall-110	zywall-110	192.168.172.7	●	ZyWALL 110	V4.13(AAAA-1Y1.10)2015-08-24 22:24:20	
NWA5121-n	nwa5121-n	192.168.172.9	●	NWA5121-N	4.10(AAE 5YV1.05 2012-11-05 17:32:42)2015-02-02 13:59:30	Hsinchu, Taiwan
XGS3700	XGS3700	192.168.172.11	●	XGS3700-24	V4.30(AAGC.0) 10/20/2015	
XGS3700	XGS3700	192.168.172.12	●	XGS3700-24	V4.30(AAGC.0) 10/20/2015	
GS1900	GS1900	192.168.172.15	●	GS1900-24HP	V2.10(AAHL.0) 09/10/2015	Location
usg40w	usg40w	192.168.172.17	●	USG40W	V4.13(AALB.1Y1.01)2015-08-24 19:45:46	
nwa1100-nh	nwa1100-nh	192.168.172.20	●	NWA1100-NH	V2.00(AASL.1)	Hsinchu, Taiwan
GS1900	GS1900	192.168.172.21	●	GS1900-10HP	V2.10(AAZI.0) 09/10/2015	Location
GS1900	GS1900	192.168.172.22	●	GS1900-24E	V2.10(AAHL.0) 09/10/2015	Location

One-click restore and zero-touch provisioning

Should a failed device is found on a remote site, it is not easy to have a local IT expert or to send one there. In a remote CNA architecture, the one-click restore feature enables non-IT personnel to just plug a new replacement into the CNA, and then take advantage of the feature to let it configure itself. The whole process can be performed remotely, easily and efficiently.

Automated configurations and alerts

ZyXEL's CNC provides scheduled configuration backup and firmware upgrade to avoid network interruption. You can also simplify configuration by issuing commands to the selected devices to significantly reduce time spent on deploying networks. Also, ZyXEL's CNC can detect the health status of networks and devices periodically, and send alert emails to administrators should any abnormality occur.

Pay as you go

ZyXEL CNC provides a scalable, flexible way to manage your networks via CNA and licenses. There are three tier-node (50/100/250) license types that can be purchased based on the amount of devices you manage. For example, the 1-year-50-node license allows you to manage 50 ZyXEL networking devices for one year. The license calculator assists you to check the usage as well as to register and activate licenses.

CNC License

License	Description
1yr 250-node	1 Year CNC service for 250 ZyXEL networking devices
1yr 100-node	1 Year CNC service for 100 ZyXEL networking devices
1yr 50-node	1 Year CNC service for 50 ZyXEL networking devices

Features

Central Management and Maintenance

- Cloud-based management hosted on Amazon for high availability
- Service capacity is scalable by requirement anytime
- Manage multiple networks centrally over WAN on single CNA
- Easy to manage license via license calculator
- Feature-rich interface streamlines managing processes
- Label and organize sites for easier management
- Multi-tenant architecture for flexible management
- On/off monitoring for devices
- Simplifies replacement process for faulty devices with one-click restore
- Remote accessibility to device GUI and CLI
- Scheduled firmware upgrades
- Scheduled configuration backups
- Scheduled push CLI commands to selected devices
- Notification for alerts and events



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