

Zyxel CNC 1.6.0 Release Note

Date: Mar. 26, 2020

This document describes the features in the CNC for its 1.6.0 release.

Version:

Software Version: 1.6.0

URL: <https://cnc.zyxel.com>

Support Browsers:

1. Firefox 36.0.1 or later
2. Chrome 41.0 or later
3. Internet Explorer 10 or later

Features:

1.6.0

1. Support manage graphs in organization level
2. Support Push-CLI in organization level
3. Support firmware upgrade in organization level
4. Add CSV format for graphic export in site level
5. Reboot devices in organization/site level
6. Global search in MSP level
7. Increase the display devices in site page from 10 to 50
8. Display of CNA CPU/Memory utilization
9. Reboot CNA remotely
10. Collect CNA diagnostic info file from CNC
11. Remove the limitation of one organization/site on single (browser) tab
12. Add announcement for maintenance
13. Extend the idle time of remote access
14. Support new model: ZyWALL USG FLEX, ZyWALL ATP Firewall, GS1900-24EP, GS1900-24HPv2, GS1900-48HPv2

1.5.2

1. eITS#190600411, #190700598, #190701005
CNC enhance the reboot notification feature by obtaining AP and GW's system uptime through SNMP OID(.1.3.6.1.2.1.25.1.1.0). Originally CNC obtains system uptime by SNMP OID(.1.3.6.1.2.1.1.3.0) which RFC1213 defines as uptime of network management process which may trigger an alarm if the process restart instead of the actual device.
2. Support new model: NWA1123AX, NWA1123AX Plus, WAX650S, WAX510D, WAX610D

1.5.1

1. Support Hybrid mode identification
2. Support CNA online/offline email notification.
3. Auto rescan when detect device rebooted.
4. Support display of Hardware Version parameter.

1.5.0

1. Add "Organization Operators" function to quick add/delete operators to multiple organizations.
2. Organization level firmware upgrade.
3. Organization level push-CLI.
4. System notification for Org/site level firmware upgrade when new firmware available.
5. Site view add MAC, Serial Number column.
6. Node Info add MAC, Serial Number, System Uptime column.
7. Detect node reboot by system uptime.
8. Notices page add "Acknowledge All" button.
9. Enhance MSP portal and Organization view with pagination.

1.4.1:

1. Official firmware upgrade list supports V4.25 and later for gateway products.
2. Improve stability of CNC site management.

1.4.0:

1. CNC 1.4.0 Webhelp
2. Support SNMPv3 (up to 125 managed nodes per CNA)
3. System notification center
 - New firmware notification
 - Shortcut to upgrade firmware
 - Mail delivery failure notification

1.3.0:

1. CNC 1.3.0 Webhelp
2. Change Logo to Brand2.0
3. Support 3rd party SNMP enabled devices
4. Discovery selection page
5. Support shortcut to device web GUI
6. Support Nebula devices
7. Support Fast discovery mode and standard discovery model
8. Improve the capability to support ZyXEL new models
9. Adding "add/register CNA" link to myZyxel
10. Enhancement:
 - Using FTP for ZyWall (ZLD) firmware upgrade

- Adding more tips and application notes for end user
- Support Zyxel managed switch user name and password backup when doing the configuration backup.
- Support legacy models XGS4528F,XGS4526, GS2200-24, GS2200-24P, GS2200-8HP, GS2200-8

1.2.4:

1. Enhance Push-CLI function by using "Expect program".

1.2.3:

1. Update for Web Help information.

1.2.2:

1. MSP Portal: Quick overview of network status across multiple sites
2. Operators: Multi-tenant architecture for flexible management
3. License Calculator: Easy to monitor license status.
4. Monitoring interval setting (per site)
5. CNA maintenance enhancement:
 - Modify the "Pending updates" to "Managing CNA".
 - CNC administrator is able to set CNA administrator privilege for other users.
 - CNA events move to CNA maintenance page.

The screenshot shows the 'CNA Management' section of a web interface. At the top, it displays 'Latest Firmware Version: V1.21(AAMM.0)' and a 'Release Note' button. Below this, there is a dropdown menu for 'Own by:' with the email 'titan.hsieh@zyxel.com.tw' selected. Three items are listed below: '1. Managing CNA', '2. Update schedules', and '3. Administrator'. A table titled '2 Administrators' is shown below, with columns for 'E-mail', 'Last login', and 'Action'. The table contains two entries: one for 'titan.hsieh@zyxel.com.tw' with a last login of '2016-05-09 09:24:17 UTC+08:00' and an action of '(CNA Owner)', and another for 'cso_switch@zyxel.com.tw' with a last login of '2016-05-06 14:25:24 UTC+08:00' and a trash icon action.

Bug Fix:

1.6.0

1. eITS#190800677
[Remote Access] Remote Access is stuck due to browser cache.
2. eITS#191101065
[Push CLI] CNC push CLI command failure when there is "\$#" in the device's password.
3. eITS#191200718
[Monitor] Device health status is showing incorrectly when there is reboot event detected on devices.

1.5.2

N/A

1.5.1

1. **[FW Upgrade]** CNC do FW upgrade for GS1920v2 will failure.

2. **[Monitor]** All model cannot display HW version except for GS1920v1.

1.5.0:

1. **[Server]** Improve backend stability and performance.

1.4.1:

1. eITS#170600345
[Backup Config] Several sites using the same CNA and daily backup configuration schedule may cause some site's daily backup to fail.

1.4.0:

1. eITS#170500466
[Notification] Backup configuration failure notifications received from mail shows incorrect subject title.
2. **[FW Upgrade]** Firmware upgrade should replace the backup image, but CNC replaces the active image of the ZyWALL series.

1.3.0:

1. **[Auto Restore]** Auto restore function fail subject title.
2. **[MSP Portal]** Delete all ORG in MSP Portal will appear error message.
3. **[FW Upgrade]** CNC do FW upgrade for XS1920-12 will failure.
4. **[Push CLI]** Push CLI set 9/8 00:00 UTC+8 schedule via Monthly will fail.
5. **[Backup Config]** Daily backup config sometimes fails.

1.2.4

1. **[Monitor]** CNC should detect and generate event when Interface Utilization over thresholds.
2. **[Auto Restore]** XS3700 auto restore fails and event shows "reboot device is failed."

Known Issue:

1. Remote access connection failed when remote device TTL short than routing path.
2. CNC cannot get info via SNMP when NWA1123-NI & NWA1100-NH using firmware V2.10.
3. CNC using SNMP to set for GS1900 will fail.
4. GS1900 series cannot set System name when it includes space characters.
5. Special characters: single quote, double quote and back quote are not supported in CNC.
6. For security enhancement, CNA using V1.10 firmware or below will need to upgrade to the latest firmware version.
7. When using 64 bytes with 100% packet size, In/Out traffic only shows 80% usage.

8. When going back to previous page org level task result will show "One Org/Site" warning page, due to only 1 session per Org/Site.
9. For CNC 1.5.2 and later version, CNC obtains system uptime by SNMP OID (.1.3.6.1.2.1.25.1.1.0), and NWA1100-NH doesn't support it. Therefore, System uptime on Node Info page of NWA1100-NH will be empty.

Limitation of Settings:

1. CNA100 can manage up to 250 devices.
2. CNA100 is recommended to manage up to 125 devices when using SNMPv3.
3. CNC can manage up to 500 account sites per organization.