ZyXEL

NXC5500/2500

Version 4.21
Edition 1, 11/2015

Application Note

ZyXEL One Network Utility Supports Managed AP
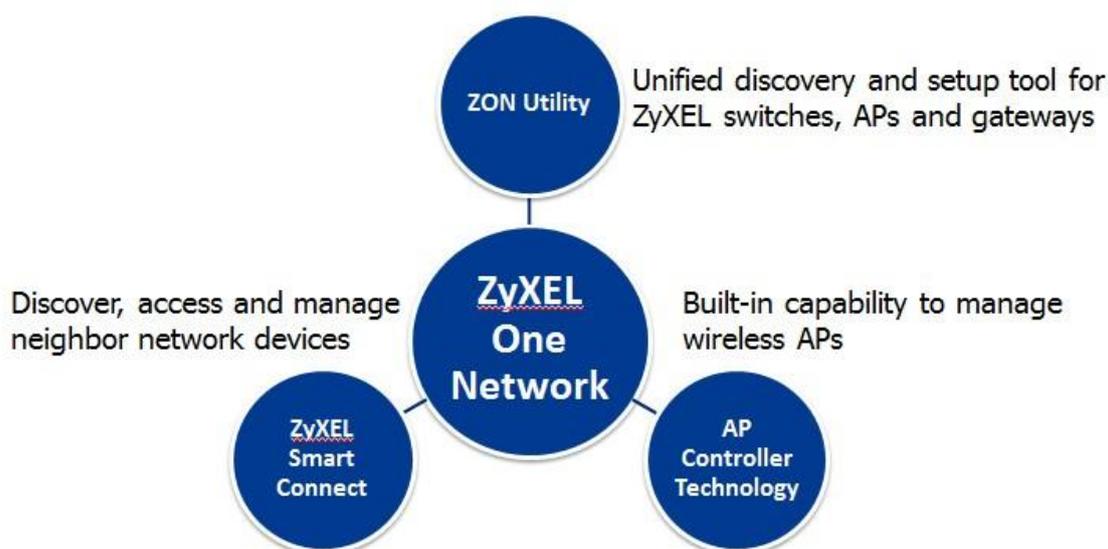
ZyXEL One Network Utility Supports Managed AP

ZyXEL One Network Introduction

- What is ZyXEL One Network

The reality of today's networking business is that different product lines lack consistency and integration. In this industry, the equipment manufacturers often acquire new technologies for a shorter time-to-market. As a result, products under one brand might have totally different graphic or command line interfaces, or similar names for features that perform differently. As a networking brand that strives to deliver the best solutions to its customers, ZyXEL addresses this problem and aims to take the business of networking to a new height by introducing the ZyXEL One Network feature.

With the vision to make the world connect, ZyXEL presents comprehensive business networking solutions from switches to wireless, security appliances, and gateways. The robust, reliable networking equipments from ZyXEL, which is one of the few companies that possess the key technologies for all business networking product lines, enable us to fully integrate switches, wireless APs and gateways in an innovative way.

The easiest, most efficient network setup and management for businesses

ZON Utility — Unified discovery and setup tool for ZyXEL switches, APs and gateways

ZyXEL One Network

Discover, access and manage neighbor network devices

ZyXEL Smart Connect

Built-in capability to manage wireless APs

AP Controller Technology

- ZyXEL One Network Utility helps:

- Discover deployed ZyXEL devices
- Change the default IPs and assign new ones
- Firmware upgrade
- Reboot devices
- Link to ZyXEL AP Configurator (ZAC) for advanced settings on a wireless AP

How Does It Work?

- ZyXEL Discovery Protocol (ZDP) is used to realize the ZON Utility functions

- ZyXEL proprietary protocol
- When the user clicks the Scan button, the utility sends out multicast discovery packets to the broadcast domain.
- ZyXEL devices will reply via unicast to the ZON utility.
- Click the Scan button again to refresh the discovery of newly added devices.
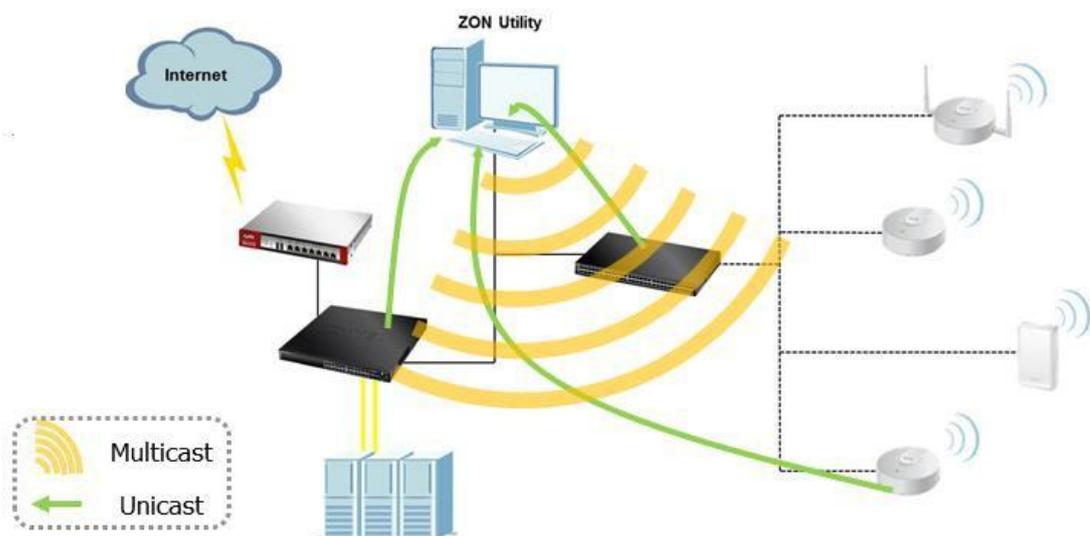
▪ What's New in V4.21

Before firmware v4.21, the ZON Utility can only discover and configure standalone APs. Since the release of firmware v4.21, the ZON Utility can discover not only standalone APs but also NXC controllers and managed APs.
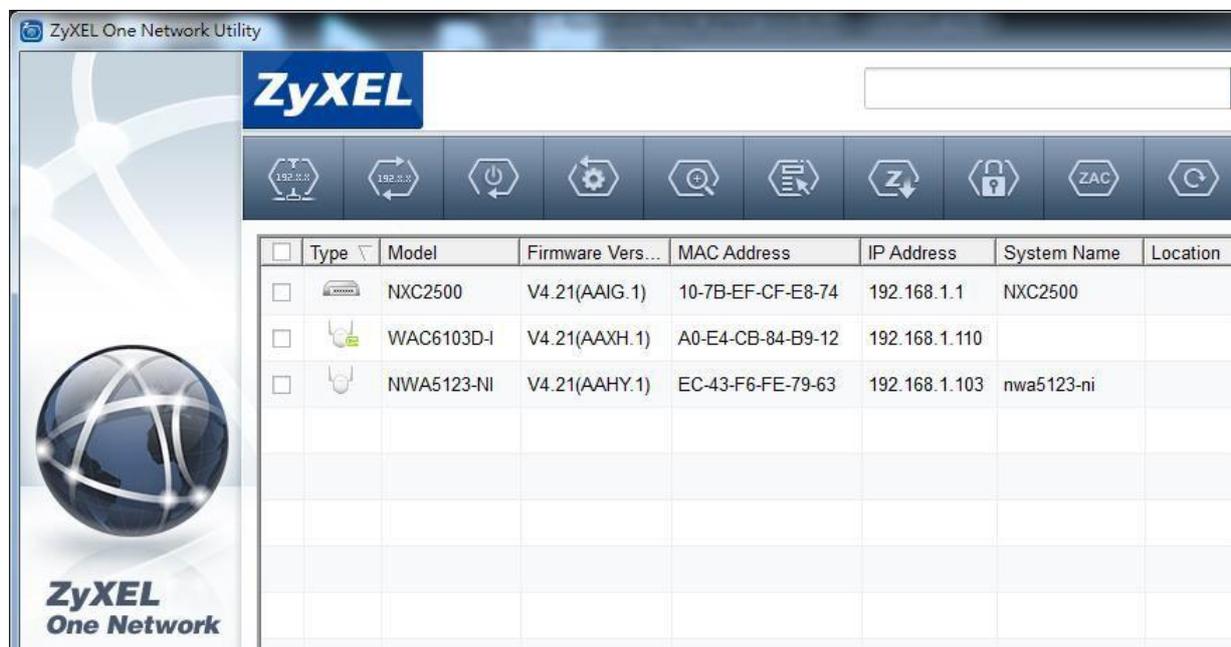
The above screen shows an example of the ZON Utility discovery: one NXC2500, one WAC6103D-I, and one NWA5123-NI. The WAC6103D-I is configured as a managed AP and the NWA5123-NI is configured as a standalone AP. With the new firmware v4.21, you can see that both AP modes can be discovered via the ZON Utility.

Notice:

1. *Fuctions such as configuration through the device's web GUI, upgrading firmware, and changing the password are not permitted for managed APs.*

2. *ZAC is only available for standalone APs.*