

Accessory Series

Edition 2024.7

Handbook

Default Login Details

LAN Port IP Address	https://192.168.1.1
User Name	admin
Password	1234

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Deployment

1.1 How to deploy PoE12-3PD?

The PoE12-3PD is a Gigabit PoE Extender designed for point to multipoint PoE applications, which effortlessly extend the range of power and data connectivity up to 100 meters. It features PoE+ ports to power a variety of PoE devices, including wireless access points, IP cameras, access control, IoT device, sensors and so on.

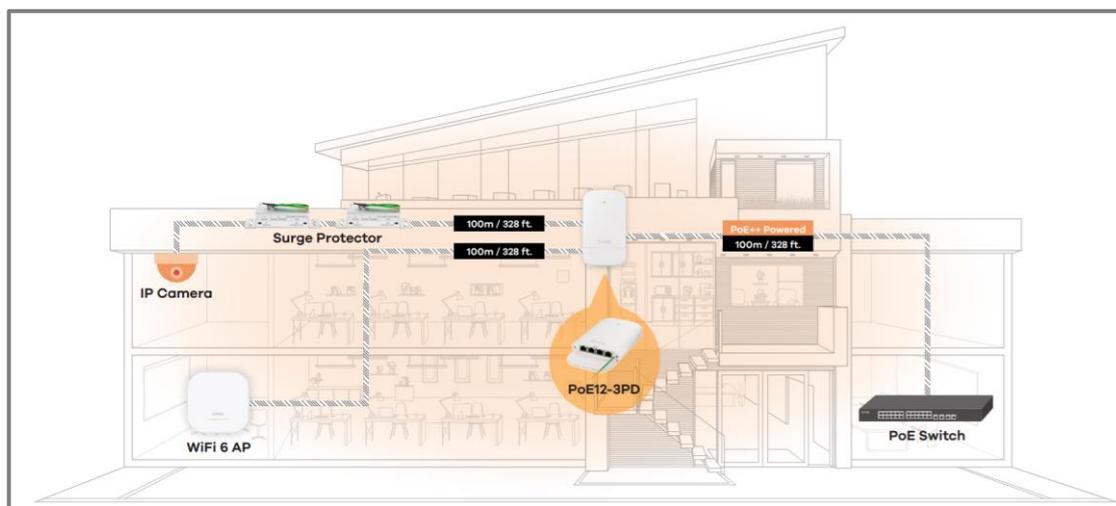


Figure 1. Deployment of PoE12-3PD

Basic principles for network management

2.1 How to change the management IP address to avoid accessing the wrong device

This example shows administrators how to use the Web GUI to manage the IP addresses of the PoE12-3PD and avoid administrators from unintentionally accessing the wrong devices. As shown below, there are one switch and one PoE12-3PD in the environment. Both default IP addresses of the two devices are 192.168.1.1.

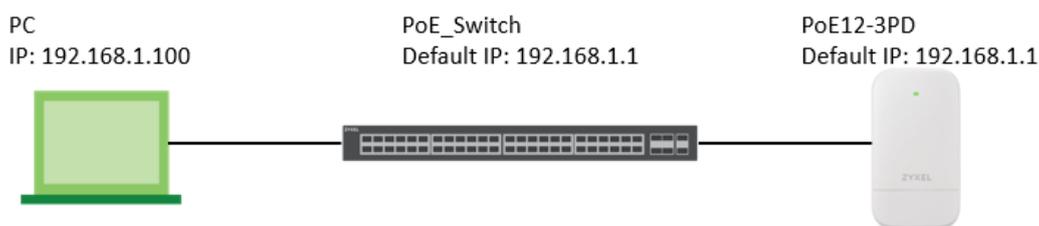


Figure 2. Switch and PoE12-3PD are using the same default IP address

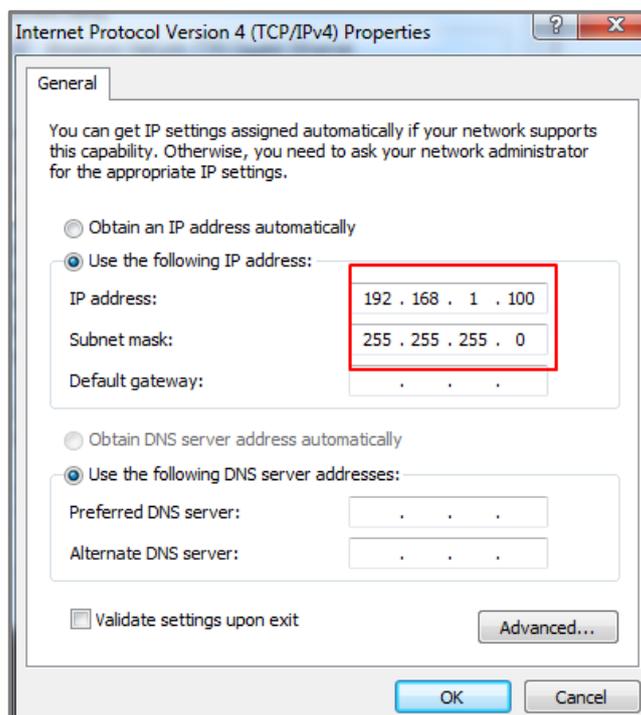


Note:

All network IP addresses and subnet masks are used as examples in this article. Please replace them with your actual network IP addresses and subnet masks.

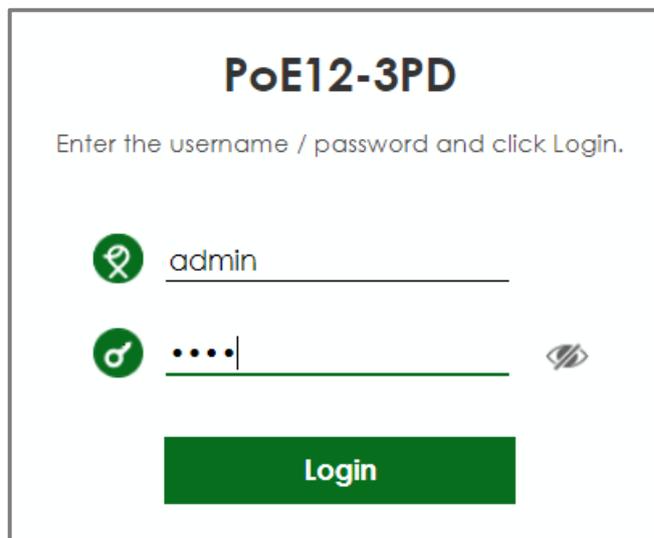
2.1.1 Configuration in the PoE12-3PD

- 1 Disconnect the link between Switch and PoE12-3PD
- 2 Set the PC's IP address on to the same subnet as the PoE12-3PD. For example, set the PC IP address as **192.168.1.100**.



- 3 Open a browser (IE, Chrome, Safari, Firefox, etc....). Go to website **http://192.168.1.1** (default switch management IP address). Key in "**username: admin; password: 1234**" and log in to change switch IP address. Remember to click the **Save** icon to save the new configurations.

- 4 Connect PoE12-3PD back to the PoE switch, and go to **http://192.168.1.1** again. Key in **“username: admin; password: 1234”** and log in to change PoE12-3PD's IP address.

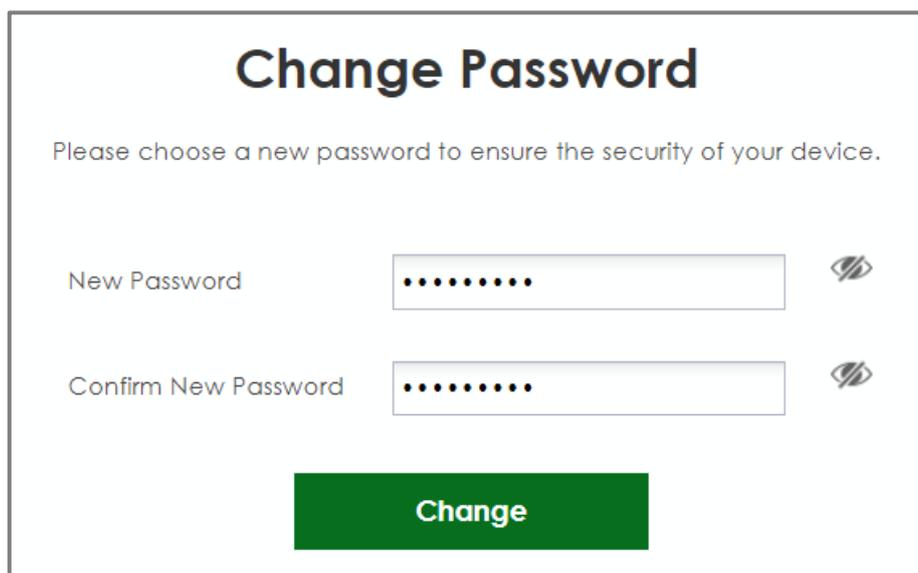


PoE12-3PD

Enter the username / password and click Login.

Login

- 5 Change to a new password, and use the new password to log in.



Change Password

Please choose a new password to ensure the security of your device.

New Password

Confirm New Password

Change

(User needs to change password on the first login.)

6 Edit a new static IP address for PoE12-3PD

ZYXEL NETWORKS | PoE12-3PD

DASHBOARD

System Status

IP Assignment	DHCP	
Management VLAN	1(U)	
IP Address	0.0.0.0	Renew
Default Gateway	0.0.0.0	
Management Mode	Standalone	
System Uptime	00 hours 49 mins 50 secs	
System Time	07/02/2024 03:47:46 (UTC+00:00)	
Power-Up Mode	802.3at	
PoE Usage (Watt)	4.3/19 (Consuming/Total budget)	

System Settings

Network **Date/Time**

Management VLAN

VLAN ID:

Egress Rule: Untagged Tagged

IP Address

IP Address Assignment: ▼

IP Address:

Subnet Mask:

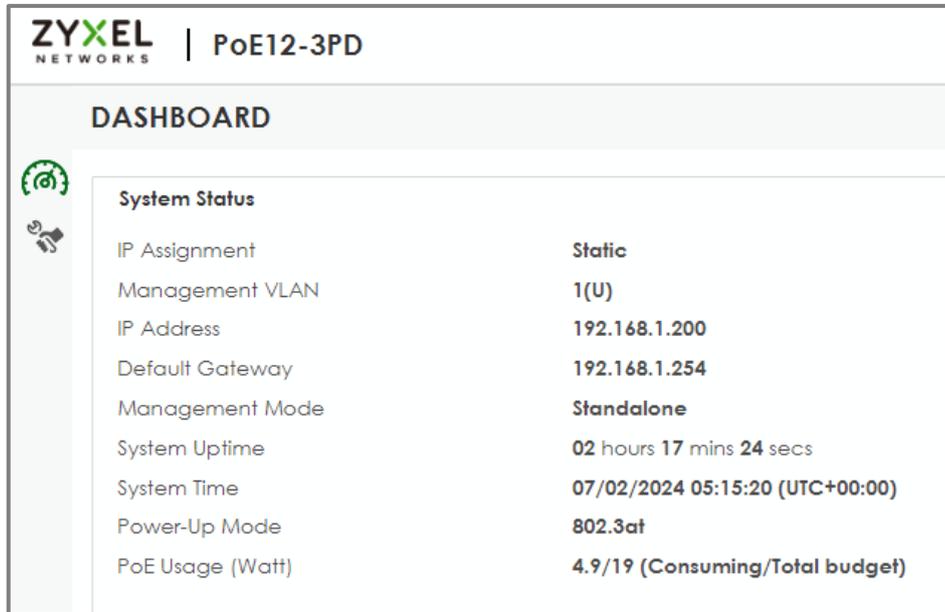
Gateway:

DNS Server IP Address:

[Cancel](#) [Apply](#)

2.1.2 Test the Result

- 1 Log in via the web GUI with the new IP address.



The screenshot shows the ZYXEL PoE12-3PD web GUI dashboard. The page title is "ZYXEL NETWORKS | PoE12-3PD". Below the title is a "DASHBOARD" header. On the left side, there is a sidebar with a green circular icon and a power icon. The main content area is titled "System Status" and contains a table of system parameters.

System Status	
IP Assignment	Static
Management VLAN	1(U)
IP Address	192.168.1.200
Default Gateway	192.168.1.254
Management Mode	Standalone
System Uptime	02 hours 17 mins 24 secs
System Time	07/02/2024 05:15:20 (UTC+00:00)
Power-Up Mode	802.3at
PoE Usage (Watt)	4.9/19 (Consuming/Total budget)

2.2 How to configure the PoE12-3PD with a device name to avoid accessing the wrong device

This example shows administrators how to use the Web GUI to manage device name and avoid accessing the wrong devices. As shown below, the PC connects with a PoE switch and two PoE12-3PD in the network environment. In the default setting, device name (System Name) will be the model name (PoE12-3PD in this example).

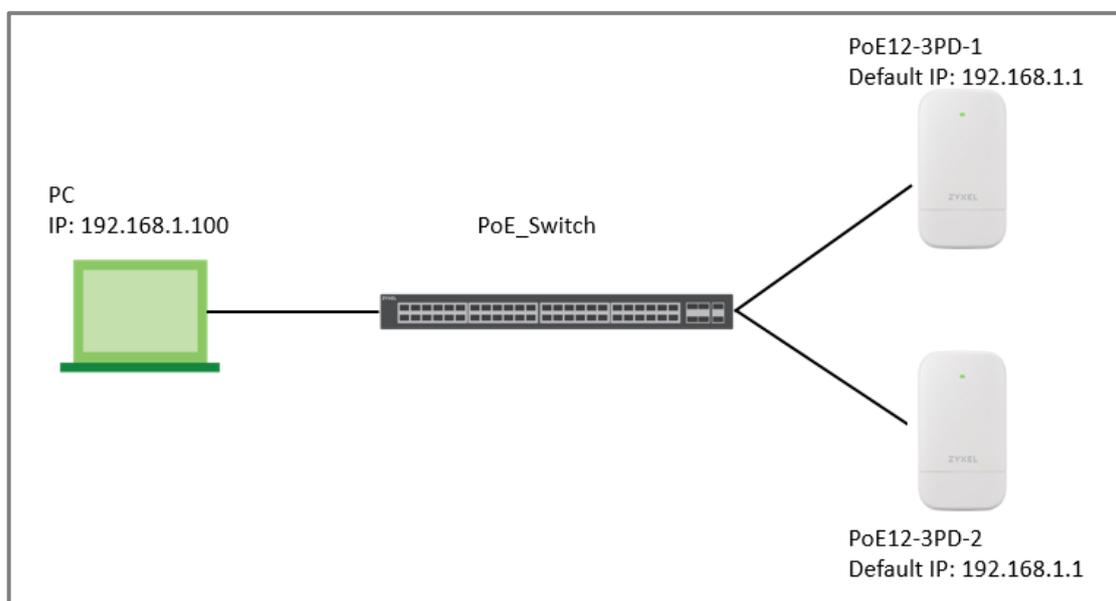


Figure 3. Change the device name of the PoE12-3PD

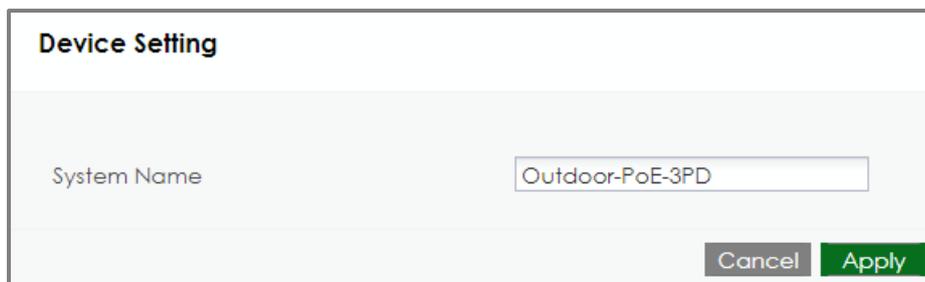
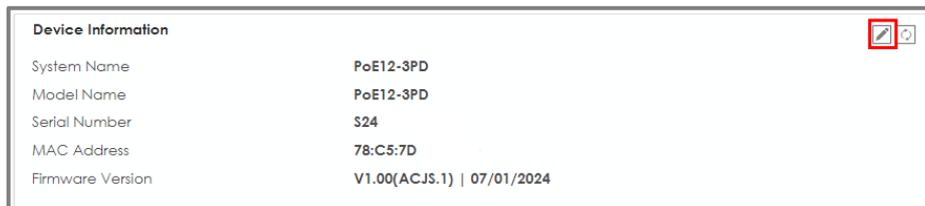


Note:

All network IP addresses and subnet masks are used as examples in this article. Please replace them with your actual network IP addresses and subnet masks.

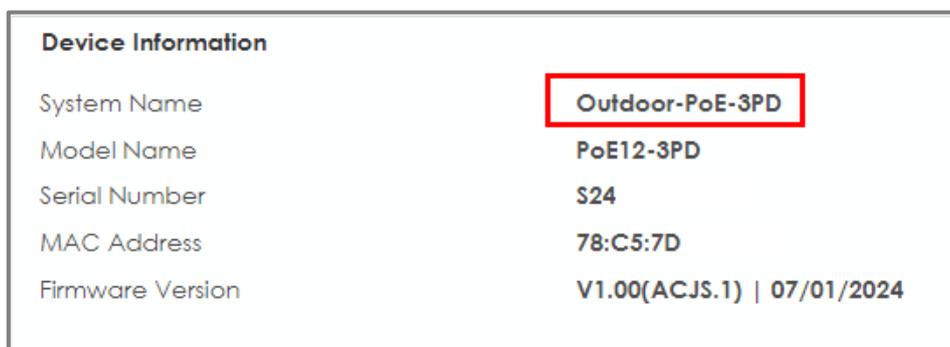
2.2.1 Configuration in Switch-1

- 1 Enter the web GUI and click the Edit button in Device information section to change the System Name (PoE12-3PD-1 in this example) and click **Apply**.



2.2.2 Test the Result

- 1 Check the system name on the Device information section of dashboard.



2.3 How to configure the PoE12-3PD to update the time from an NTP server

This example shows administrators how to use the NTP server to update the system time of the PoE12-3PD. As shown below, the PC connects with Switch and Switch connects with the internet in the environment.

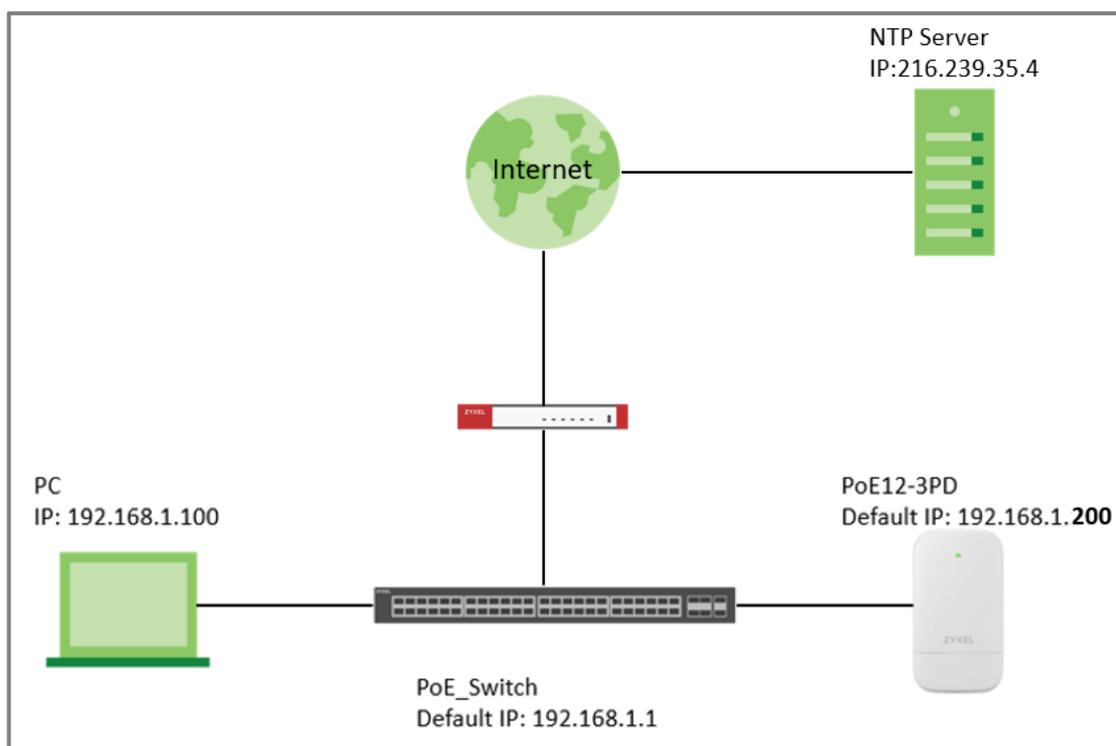


Figure 4. Set up PoE12-3PD to get time from NTP Server

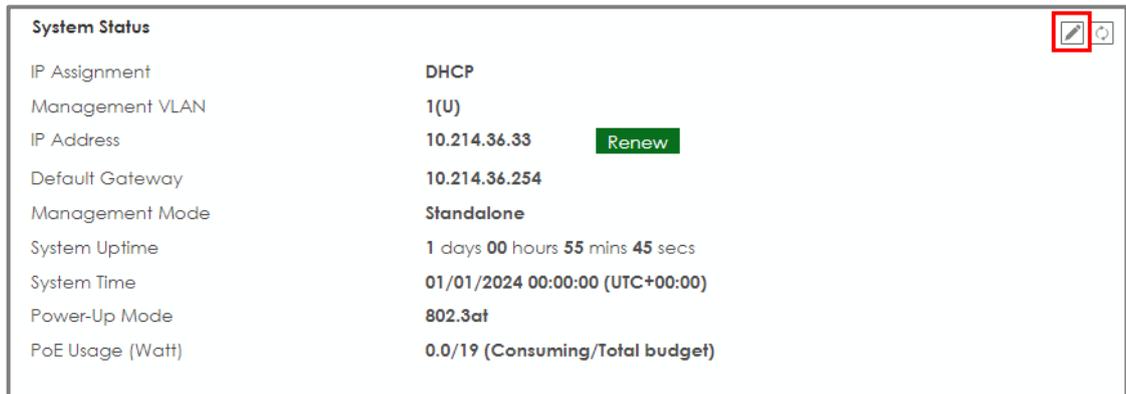


Note:

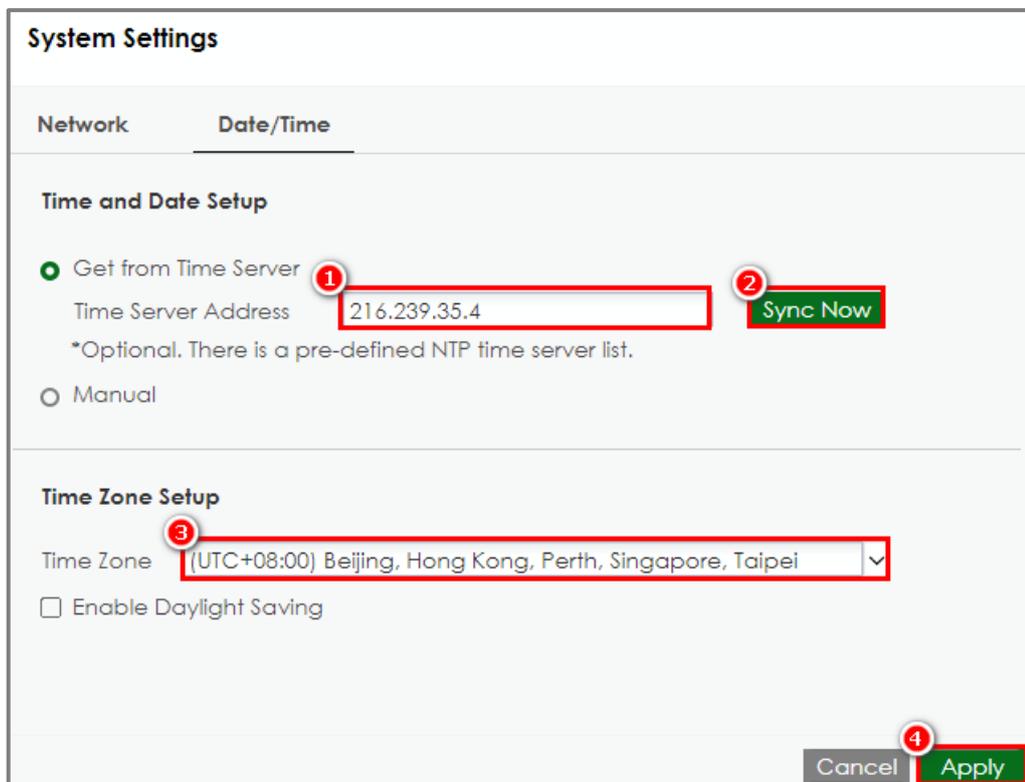
All network IP addresses and subnet masks are used as examples in this article. Please replace them with your actual network IP addresses and subnet masks. We use google free public NTP server (216.239.35.4) to be our NTP server. You can also choose another available NTP server. Furthermore, the user interface might be some different against other models due to the configuration of routing.

2.3.1 Configuration in PoE12-3PD

- 1 Enter the web GUI and click the "Edit" button on the top-right of System Status section.



- 2 Set the "Time Server Address" and "Time Zone" then click "Apply".



2.3.2 Test the Result

- 1 The System Time and time zone should be the current time in your location.

System Status	
IP Assignment	DHCP
Management VLAN	1(U)
IP Address	10.214.36.33 Renew
Default Gateway	10.214.36.254
Management Mode	Standalone
System Uptime	1 days 00 hours 52 mins 04 secs
System Time	07/03/2024 18:00:41 (UTC+08:00)
Power-Up Mode	802.3at
PoE Usage (Watt)	0.0/19 (Consuming/Total budget)

2.4 How to change the administrator password

The example shows administrators how to change the administrator password used for management access. Failure to change the administrator password is a security risk that allows unauthorized user access to your device's management.

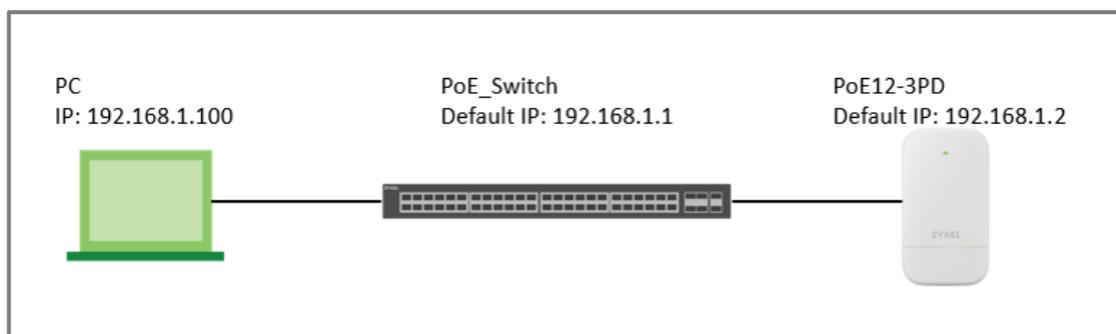


Figure 5. Change the administrator password



Note:

All network IP addresses and subnet masks are used as examples in this article. Please replace them with your actual network IP addresses and subnet masks.

2.4.1 Change the administrator password

- 1 Enter the web GUI and go to **Maintenance > Change Password**. Enter the New Password and Confirm New Password. Then click **“Apply”** at the bottom.

The screenshot shows the ZYXEL PoE12-3PD web GUI. At the top, there is a navigation bar with the following tabs: **Access Management**, **Change Password** (highlighted in green), **Firmware Upgrade**, **Log**, and **Reboot**. Below the navigation bar, there is a sidebar with a gear icon and a green arrow icon. The main content area contains two password input fields: **New Password** and **Confirm New Password**. Both fields are masked with dots and have a toggle icon to the right. A red rectangular box highlights these two input fields.