

Profile

Creating a New Profile

Before creating a profile, it's important to understand its purpose. Profiles are where you configure key device settings such as:

- WAN interface configurations
- Custom WiFi network names (e.g., "ISP-Provider-2.4GHz" for 2.4GHz networks)
- 5.0GHz network configurations
- Other device-specific parameters

This is where the magic happens when you want to create new interfaces or set up custom configurations for your devices.

Steps to Create a Profile

1. Navigate to **Inventory** in the CONTROL portal
2. Click on **Profile**
3. Click the **Add** button

The screenshot shows the Zequenze CONTROL admin portal. The main content area is titled "SELECT DEVICE PROFILE TO CHANGE" and "Device profiles". A table lists various device profiles with columns: Name, Device class, Configuration profile, Used by, Devices, Auto onboard, Is public, and Organization. A red box highlights the "+ Add" button in the top right corner of the table. Red circles with numbers 1, 2, and 3 indicate the steps: 1. Click on 'Inventory' in the left sidebar, 2. Click on 'Profiles' in the left sidebar, and 3. Click on the '+ Add' button.

Name	Device class	Configuration profile	Used by	Devices	Auto onboard	Is public	Organization
CWMP monitor [cinga2-cwmp-monitor]	Other	Default CWMP connection profile org: Root	Parameters: 2 Synthetic: 2	10	0	0	Monitoring
Meig A51 [meig-a51]	LTE CPE	Default CWMP connection profile org: Root	Parameters: 24 Metrics: 3 Checks: 7 Auto-onboard: Yes	0	0	0	Zequenze
Meig A31 [meig-a31]	LTE CPE	Default CWMP connection profile org: Root	Parameters: 24 Metrics: 3 Checks: 7 Auto-onboard: Yes	0	0	0	Zequenze
HotSpot HS1 [Quantum-HotSpot-HS1]	LTE MIFI	-	Parameters: 29 Metrics: 14	1	0	0	Zequenze
Netwey HH42 [netwey-hh42]	LTE CPE	-	Parameters: 31 Metrics: 6 Checks: 18 Auto-onboard: Yes	1	0	0	Zequenze
Fastmile 4G06-A [fm-4g06-a]	Other	CWMP connection profile: ConnReqs through cti-gw01 org: Root	Parameters: 31 Metrics: 9 Checks: 13	1	0	0	Zequenze
Mikrotik hAP ac2 [mikrotik-hapac2]	Network appliance	RouterOS CWMP settings - ConnReq over IPv6 org: Zequenze	Parameters: 6 Notifications: 1 Auto-onboard: Yes	1	0	0	Zequenze
Alcatel-HH41 (panthom) [Alcatel-HH41-panthom]	LTE CPE	Default CWMP connection profile org: Root	Parameters: 31 Metrics: 6	0	0	0	Zequenze

Configuring Profile Settings

You will see the profile creation page with the following fields:

The screenshot shows the 'ADD DEVICE PROFILE' form in the Zequence admin portal. The form is titled 'ADD DEVICE PROFILE' and is part of the 'Device profiles' section. It contains several fields:

- 1 Name:** Text input field.
- 2 Short-name / code:** Text input field. Below it, a note states: "To be used in reports, charts and whenever a short-name or description is required."
- 3 Device class:** Dropdown menu with the option "Click for options".
- 4 Organization:** Dropdown menu with the value "Zequence".
- 5 Automatic device onboarding:** Checkbox.
- 6 Username:** Text input field. Below it, a note states: "Automatic device onboarding username."
- 7 Password:** Text input field. Below it, a note states: "Automatic device onboarding password."
- 8 Overwrite existing devices:** Checkbox. Below it, a note states: "Overwrite existing devices when configuration matches the defined automatic onboarding profile settings."

The form also includes sections for 'Automatic onboarding' and 'Parameter groups'.

Required Fields

1. Name

Enter a descriptive identifier for this profile. Best practice is to use the format: "**Vendor Model [Base]**"

Example: "Nokia G-1425G-B [Base]"

2. Short-name / code

Provide an abbreviated version of the profile name.

Example: "Nokia-G-1425G"

3. Device class

Select the appropriate device type from the following options:

- eMTA
- ONT
- DSL CPE
- Fixed Wireless Access CPE
- LTE CPE
- LTE MiFi
- STB
- WiFi eXtender
- WiFi Mesh AP
- WiFi Mesh (master)
- WiFi Mesh (slave)

- WiFi AP
- VoIP phone
- VoIP ATA
- LAN Switch
- Router
- Network appliance
- SONDA probe
- Transport gateway
- Other

4. **Organization**

If applicable, select which organization this profile belongs to.

Automatic Device Onboarding Settings

5. **Automatic device onboarding**

Enable this option to allow the CONTROL platform to automatically assign new credentials to devices. This ensures each device receives unique username and password combinations for enhanced security.

6. **User**

Enter the default username that matches the factory credentials on the device. This username must match what is configured on devices connecting to the CONTROL platform.

7. **Password**

Enter the default password that matches the factory credentials on the device. Both username and password must match for automatic profile assignment to work correctly.

8. **Overwrite existing devices**

Enable this option to allow devices that have been reset to factory credentials to reconnect to the CONTROL platform. This prevents connection rejection when a device already exists in the system and ensures that devices returning to factory settings can still connect without issues.

Example Configuration

Below is an example of a completed profile configuration:

ADD DEVICE PROFILE

Name: Vendor Model [Base]

Short-name / code: ven-mod-v1

Device class: ONT

Configuration profile: Default CWMP connection profile: org: root

Topology view service: Click for options

Organization: Zequence

Description:

Automatic onboarding

Automatic device onboarding

Username: user_default_device

Password: password1234

Overwrite existing devices

Parameter groups

Group	Collapsed	Repeatable	Last change	Delete?
+ Add				

Event handlers

Save Save and close Save and add another

Once all fields are configured, click **"Save and close"** to create the profile.

Profile Created

After successfully creating the profile, you can:

- Filter by Name** - Use the search filter to locate your profile by its name
- View the Profile** - The newly created profile will appear in the profile list

SELECT DEVICE PROFILE TO CHANGE

Device profiles Configuration profiles Services Event handlers

Vendor

Name	Device class	Configuration profile	Used by	Devices	Auto onboard	Is public	Organization
Vendor Model [Base] [ven-mod-v1]	ONT	Default CWMP connection profile org: Root	Parameters: 0 Auto-onboard: Yes	0	Yes	No	Zequence

1 result

FILTER

Proceed

Device class: Click for options

Configuration profile: Click for options

Organization: Click for options, Sub-organizations

Next Steps

The next step is to configure a device with the credentials and URL settings.

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