

Device Profile configuration

Overview

In the CONTROL platform, every device defined in the **Inventory** is assigned to a specific **Device Profile/Type**. These profiles function as shared templates that define the characteristics and behavior of devices. Device Profiles streamline device management by establishing consistent configurations across multiple devices.

Key Components

A Device Profile/Type defines the following core features related to device configuration and behavior:

Connection Profile

Specifies the management protocol and associated settings used to communicate with and manage devices assigned to this profile.

Default Firmware

Defines the predetermined firmware version that can be used to update managed devices to a specific software version. This ensures consistent firmware deployment across devices sharing the same profile.

Automatic Onboarding

Configures automatic onboarding rules specific to this Device Profile/Type. These rules streamline the process of adding new devices to the system by applying predefined settings automatically.

Parameter Groups

Contains the collection of **Parameters** defined in this profile template, including their individual settings and configurations. Parameter Groups organize device-specific settings into logical categories for easier management.

Purpose

Device Profiles serve as reusable templates that standardize device configuration, simplify management workflows, and ensure consistency across your device inventory.

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