AMT Configuration

Intel® AMT features provides Out-of-band (OOB) management capabilities for Intel® vPro devices. Power actions (on/of/reset etc) may be issued and remote sessions may be started for AMT activated devices even if the device is powered off, but it is plugged-in and network is available.

Note: The current Impero Connect Portal AMT integration implements only OOB power actions. Future implementations will support also AMT remote sessions.

Before using Intel® AMT features in the Impero Connect Portal the account need to be AMT configurated and the vPro devices activated for AMT operations.

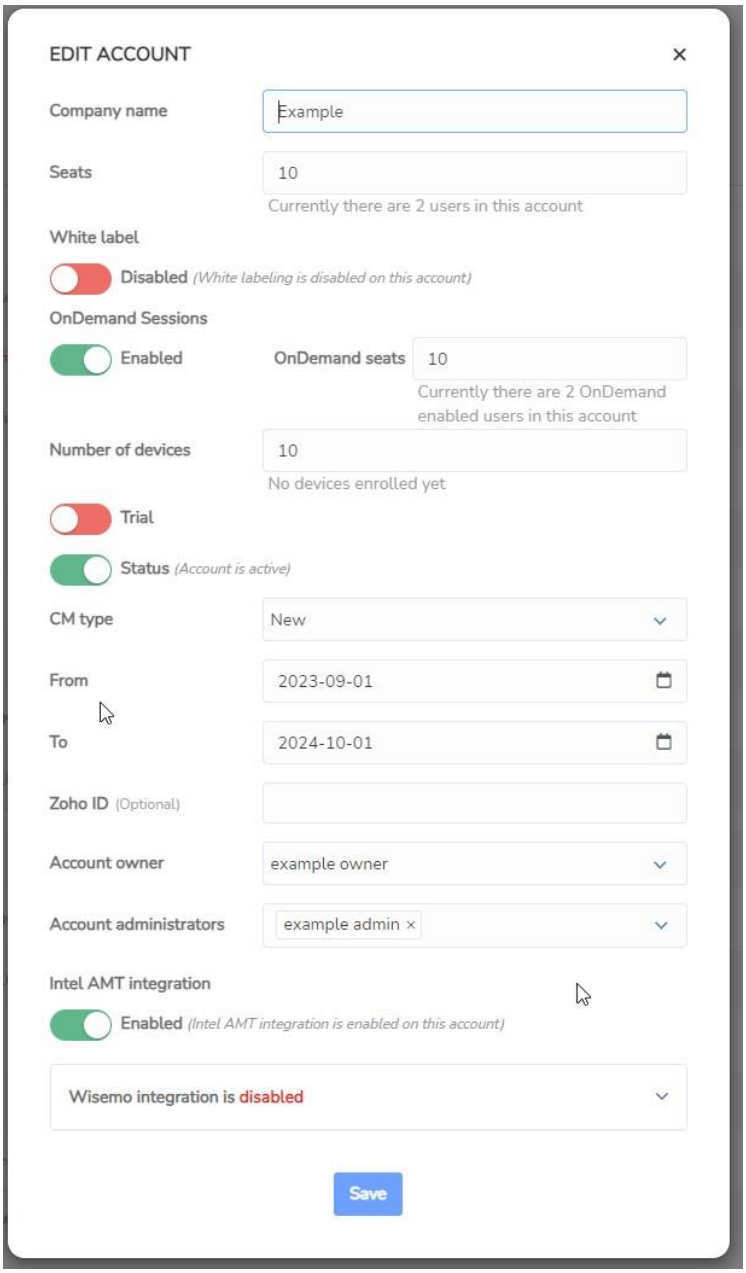
Impero Connect Portal AMT integration make use of **Open Active Management Technology Cloud Toolkit (Open AMT Cloud Toolkit)**, which provides open-source, modular microservices and libraries for integration of **Intel® Active Management Technology (Intel® AMT)**.

It is ***highly recommended*** to familiarize with the Open AMT Cloud Toolkit documentation before configuring an account for AMT.

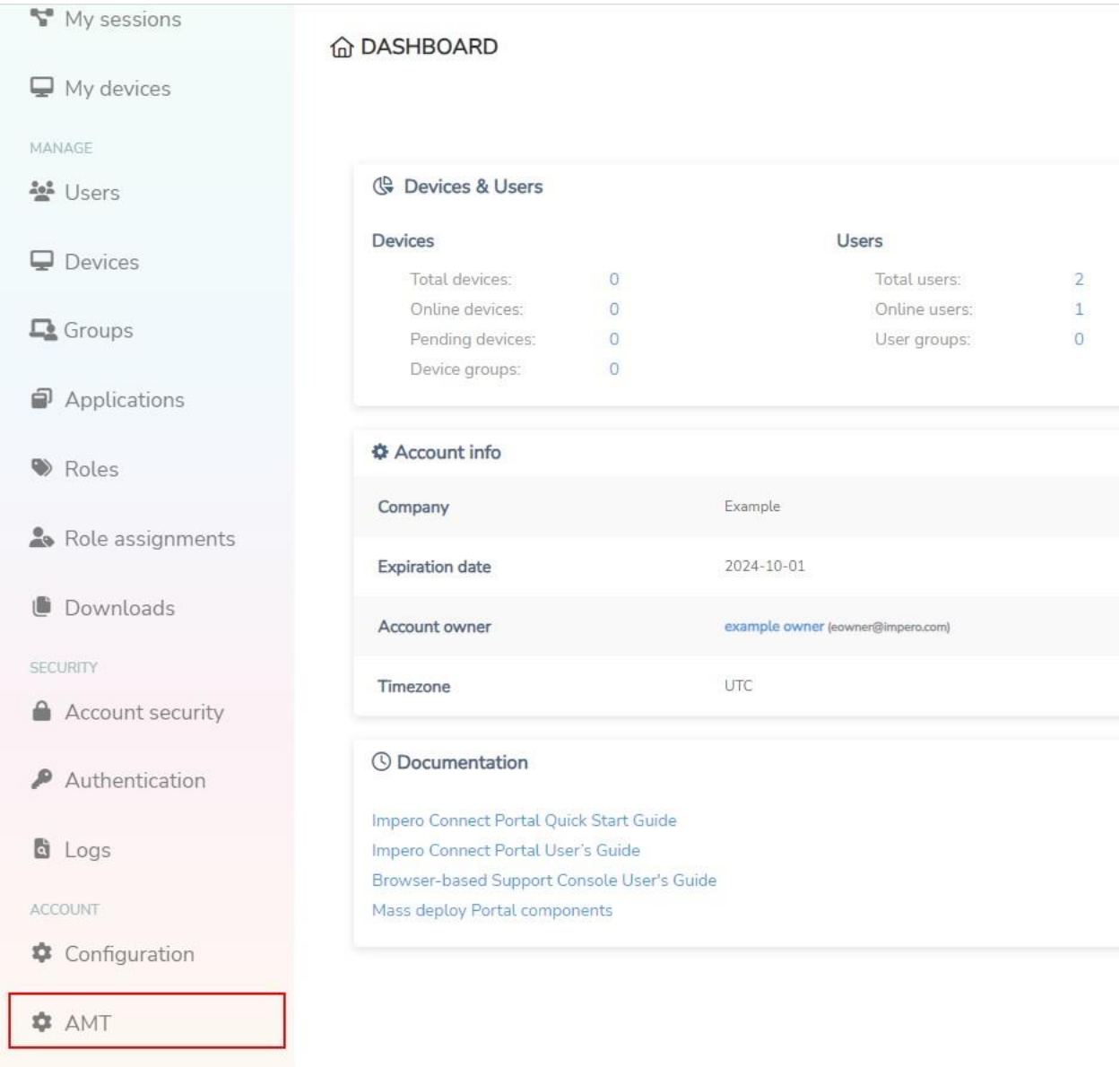
An account for AMT configuration consists of:

- A **communication profile** (CIRA configuration channel) which will be used by the AMT activated vPro devices to communicate with AMT servers
- One or more **activation profiles**, which specifies how the vPro device will be activated - Admin mode (recommended) or Client mode
- Optional - one or more **domains**, required for **Admin mode** device activations
- Optional - one or more **Wireless profiles** - may be referred in activation profiles if the device is on a wireless network

Before AMT configuring an account should be AMT Enabled by a **superadmin** in the account add/edit modal. The AMT configuration will be available to the account owner/admins of the account. Contact support to activate this functionality.



Login as the account owner/admin and go to the **Account/AMT menu:**

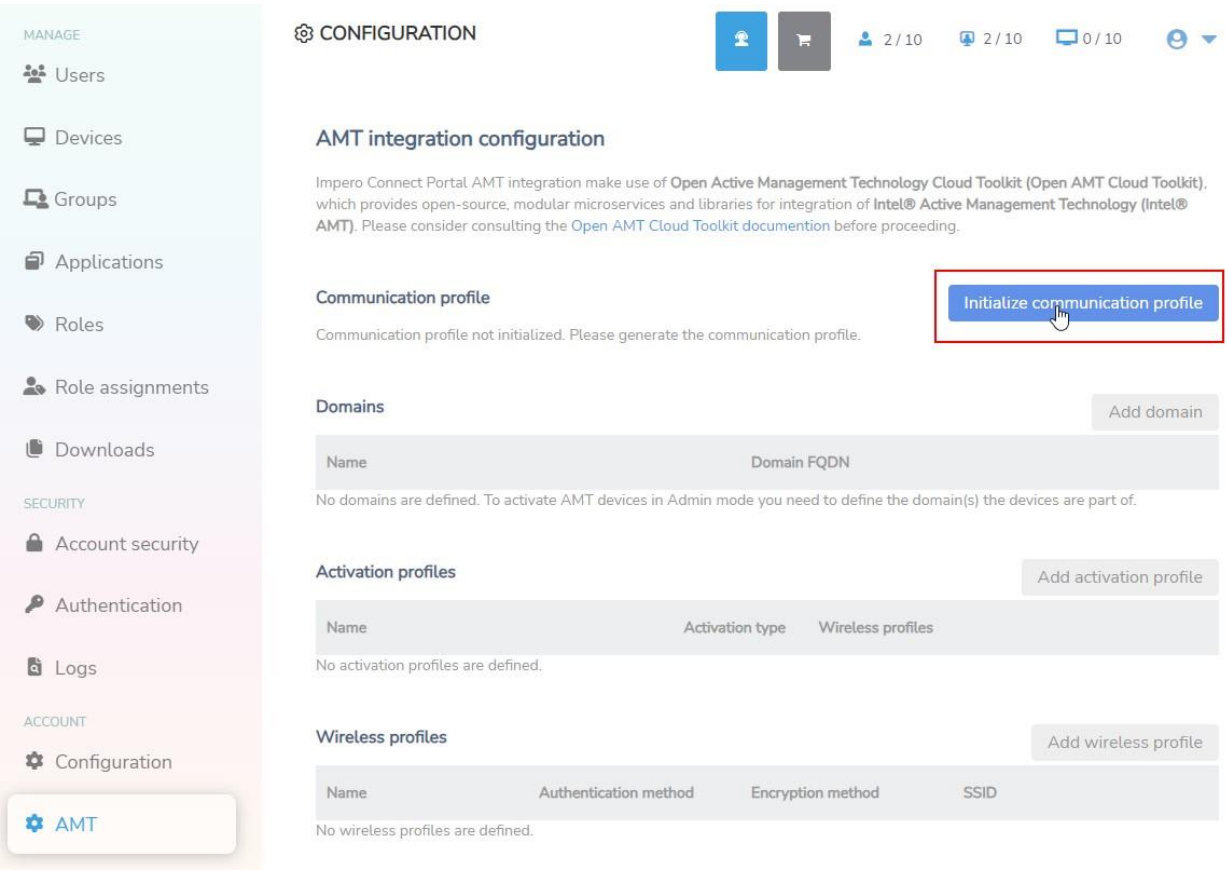


The account AMT configuration page will open.

AMT communication profile

In this page press the **Initialize communication profile** button.

This step will create the communication profile (CIRA configuration profile) which will connect the vPro device with the AMT servers after the device activation.



The AMT communication profile (AMT Cira communication channel) for the account will be generated and you may proceed to the next steps.

AMT activation

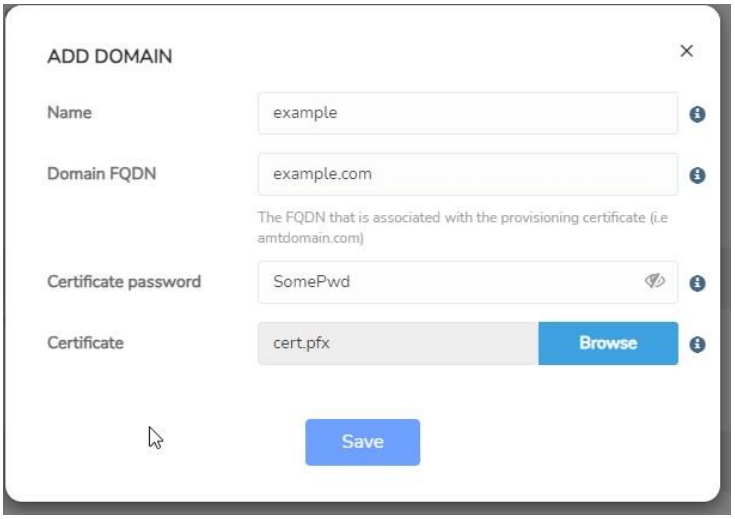
A vPro device may be activated in two modes, **Admin mode** and **Client mode**.

For **Client mode** activated devices, starting remote sessions require **User consent**. An user should be present at the device location and send the **user consent code** that is displayed on the device to the user that wants to initiate the remote session. For this reason **client mode activation cannot be used for remote sessions on unattended devices**.

Admin mode activation provides more level of trust (activation profiles for admin mode provides a certificate) and does not need user consent.

Admin mode activation profile

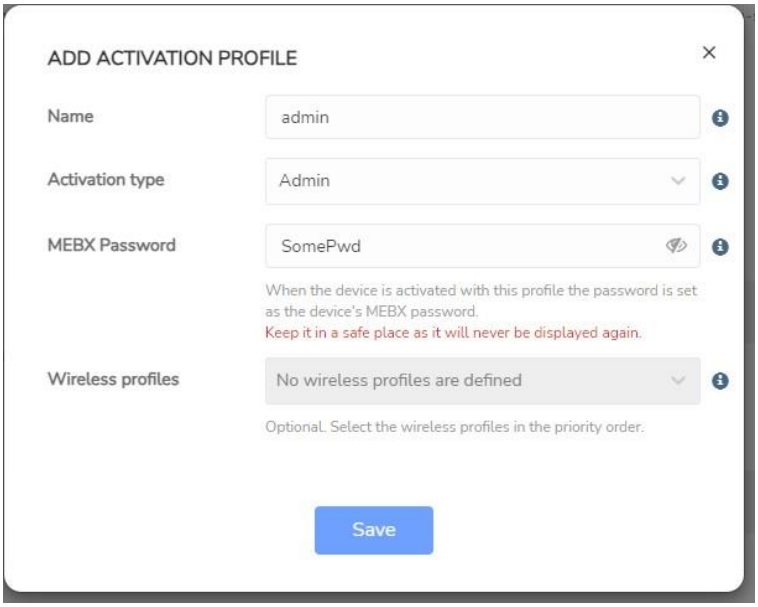
1. Add a domain to specify the network domain the device is part of and to provide the certificate for that domain. Press the **Add domain** button to create a domain.



For more info regarding domains and associated certificates see **Get started/Create a Profile with ACM** in [Open AMT Cloud Toolkit documentation].

IMPORTANT: Activating a device in **Admin mode** will check that the device is part of the specified domain (Domain FQDN) network. The device should be part of the **public network** (Domain FQDN) for which the certificate was issued. If the device is part of a **local network**, the Domain FQDN must be manually set in the device MEBX BIOS to be able to use a certificate issued for a public domain. The steps for doing this are provided in the [Open AMT Cloud Toolkit documentation] Reference/DNS suffix page.

2. Add an **Admin mode** activation profile. Press the **Add activation profile** button and choose **Admin** for **Activation type**.

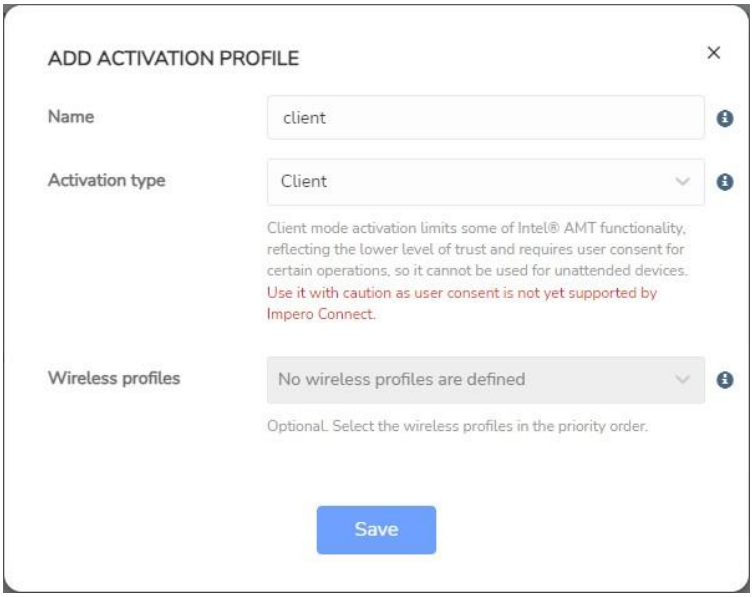


For more info regarding domains and associated certificates see **Get started/Create a Profile with ACM** in [Open AMT Cloud Toolkit documentation].

Note: The profile will have Network Configuration = DHCP and Connection Configuration = CIRA.

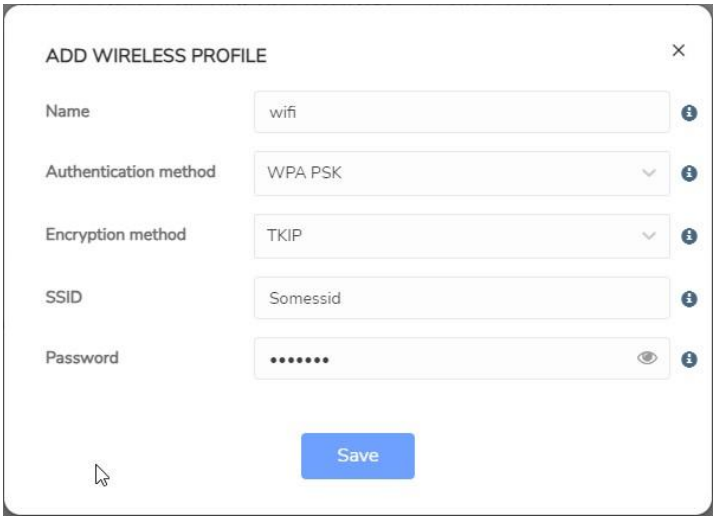
Client mode activation profile

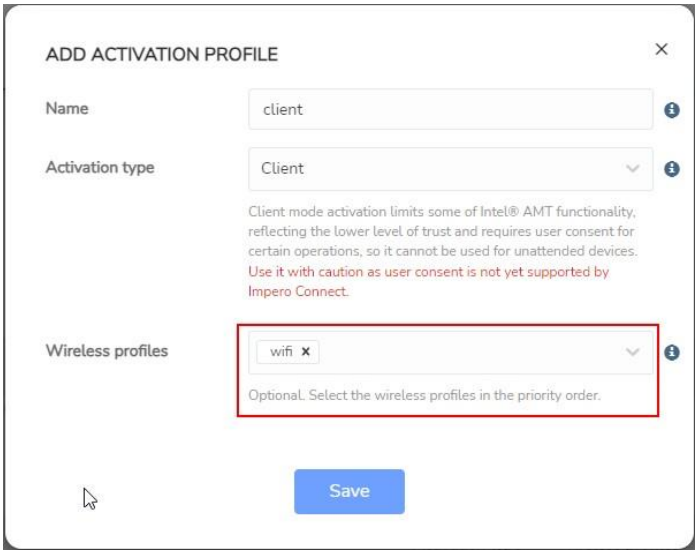
Add a **Client mode** activation profile. Press the **Add activation profile** button and choose **Client** for **Activation type**.



Wireless profiles

Wireless profiles are optional and may be set if the device is part of a wireless network. After wireless profiles are defined, they may be used in the activation add/edit screens.





Device Activation

After the account AMT configuration is set up, the vPro devices may be activated. The devices must have the Impero Host installed and connected to the Impero Connect Portal.

For this, go to the device details page of each device and in the **AMT details** section press the **Activate** button. Choose the desired activation profile and press Ok. The device activation will start.

Note: Device activation may take a few minutes.

Device Deactivation

In the details page of the device press the **Deactivate** button.

IMPORTANT: If the device was activated in **Admin mode** with **DNS Suffix** set up in the MEBX BIOS, the DNS Suffix will be removed from BIOS.

Intel vPro®/ISM Platforms – Intel®AMT Components