

# 联通云平台(Telit) 使用说明

联通云平台(Telit)是针对Telit开发的一个FreeIOE 通用应用，您可以在任何内置了FreeIOE的网关中安装联通云平台(Telit)应用，通过此应用，可将网关中设备数据通过Telit平台的MQTT协议推送联通云平台(Telit)。

## 准备工作

### 登录telit平台创建物模型和应用

联通telit平台登录地址：

<https://device1-portal.10646.cn>

联通telit平台mqtt连接信息：

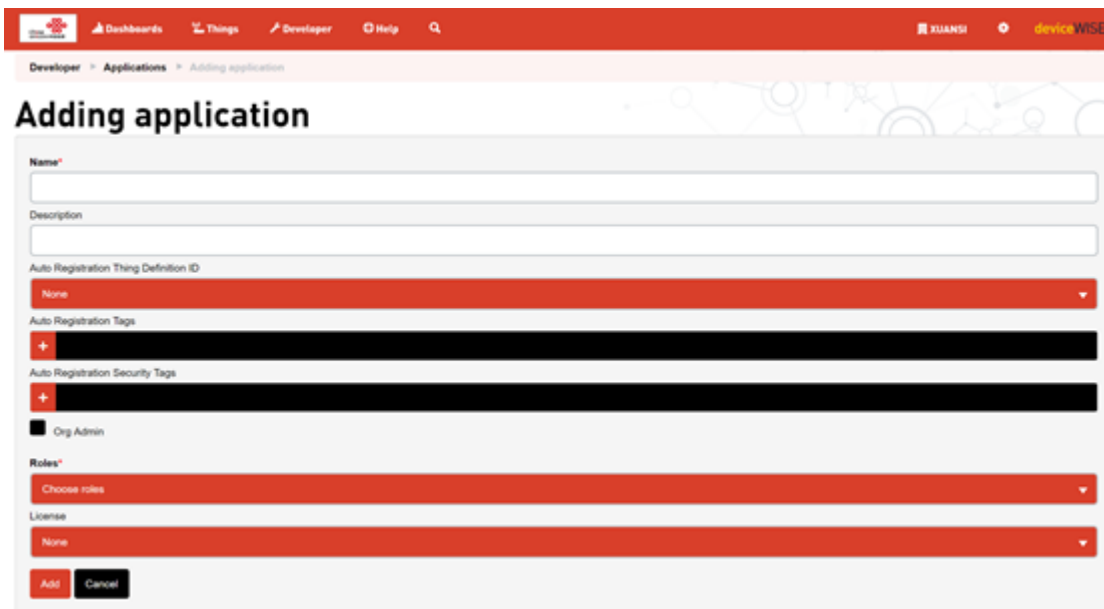
mqtt:device1-api.10646.cn:1883

mqtt+ssl:device1-api.10646.cn:8883

### 在Telit平台创建物模型

- 创建一个网关的设备模型，因为网关也是一个设备，举例说明：这里使用网关型号创建一个物模型。

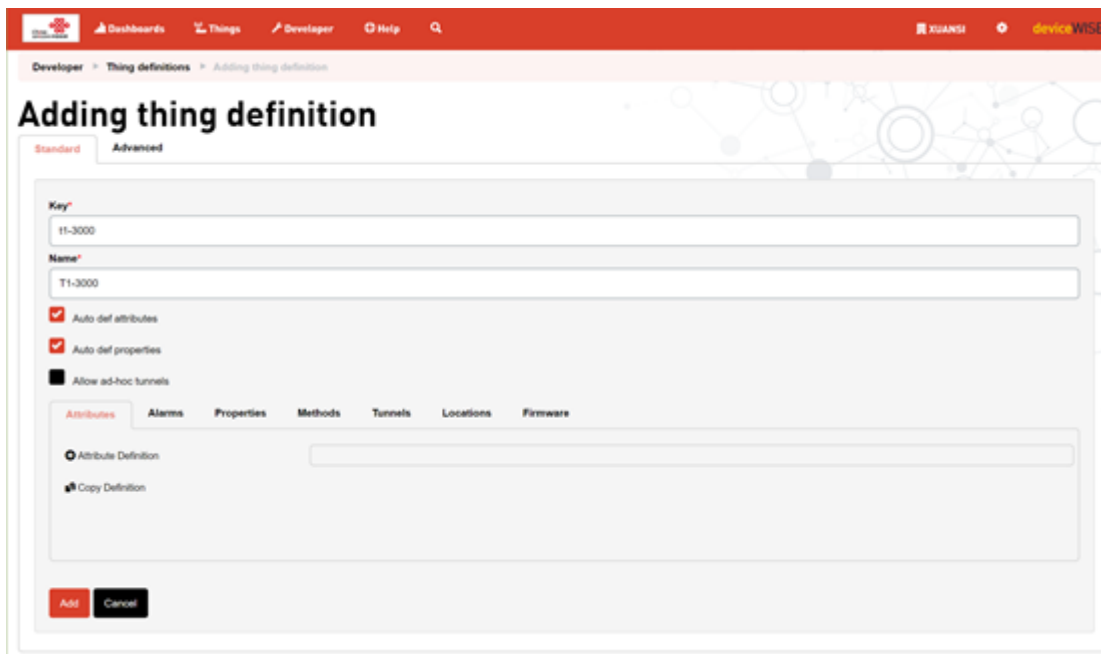
新建物模型界面如下：



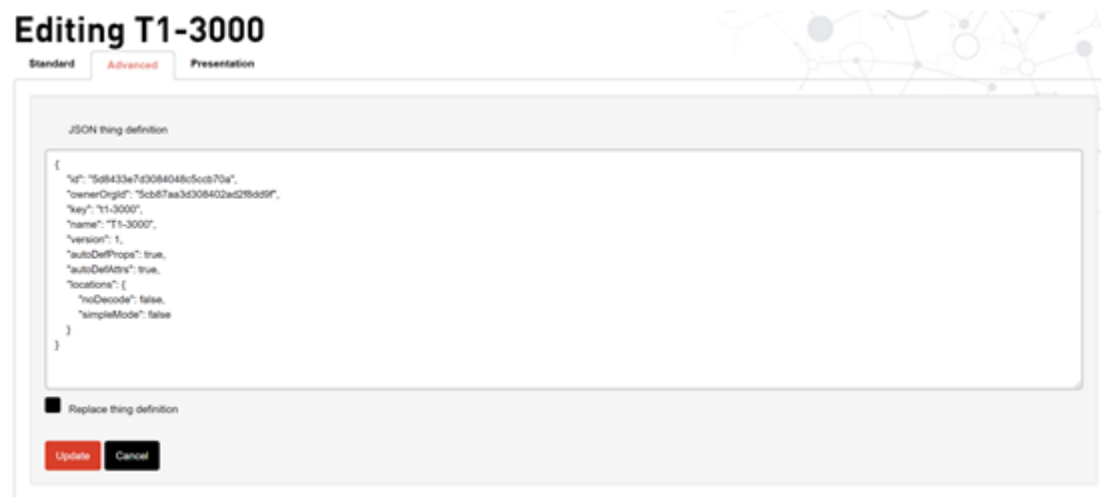
The screenshot shows the 'Adding application' form in the Telit Developer portal. The form has the following fields and options:

- Name\***: A text input field.
- Description**: A text input field.
- Auto Registration Thing Definition ID**: A dropdown menu with 'None' selected.
- Auto Registration Tags**: A list of tags with a '+' button to add more.
- Auto Registration Security Tags**: A list of security tags with a '+' button to add more.
- Org Admin**: A checkbox that is currently unchecked.
- Roles\***: A dropdown menu with 'Choose roles' selected.
- License**: A dropdown menu with 'None' selected.
- Buttons**: 'Add' and 'Cancel' buttons at the bottom.

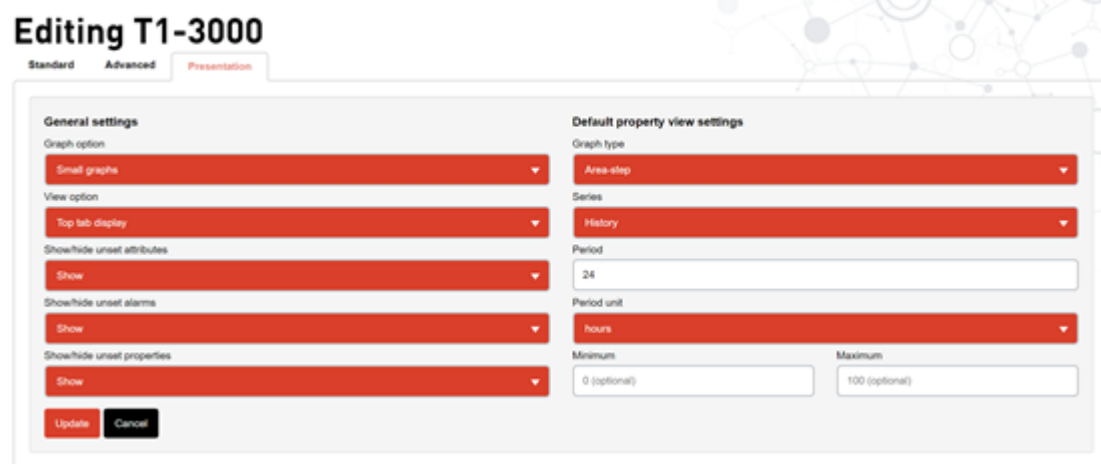
输入KEY和NAME可以相同，也可以不同。记得勾选Auto def attributes和Auto def propertie不勾选，就得自己手动创建设备中的所有标签变量。



完成后可以查看物模型的信息。



Thing definition added. Update presentation as needed.



- 将网关采集的设备分别创建物模型，这里创建了一个t1-3000-netinfo[]使用时需要根据实际情况创建。

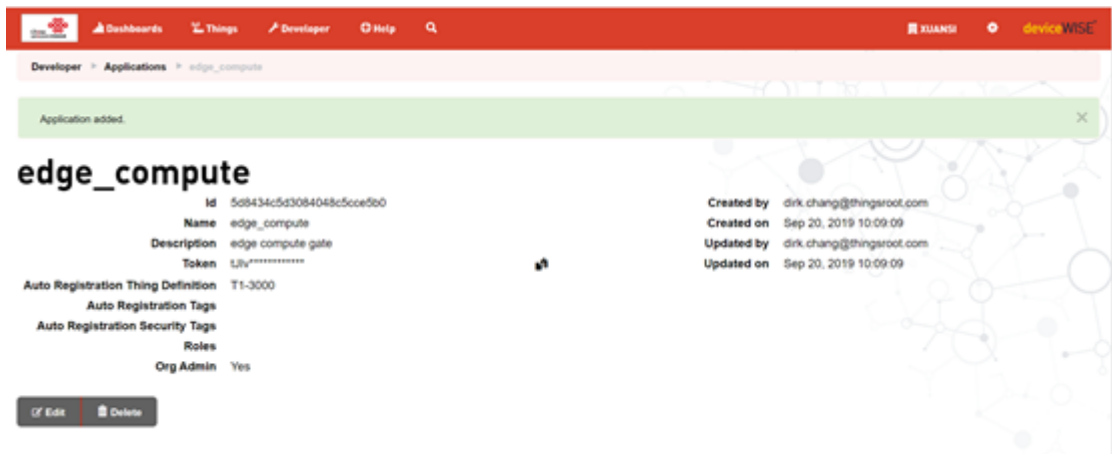


## 在Telit平台创建应用

给新的应用定义名称和描述



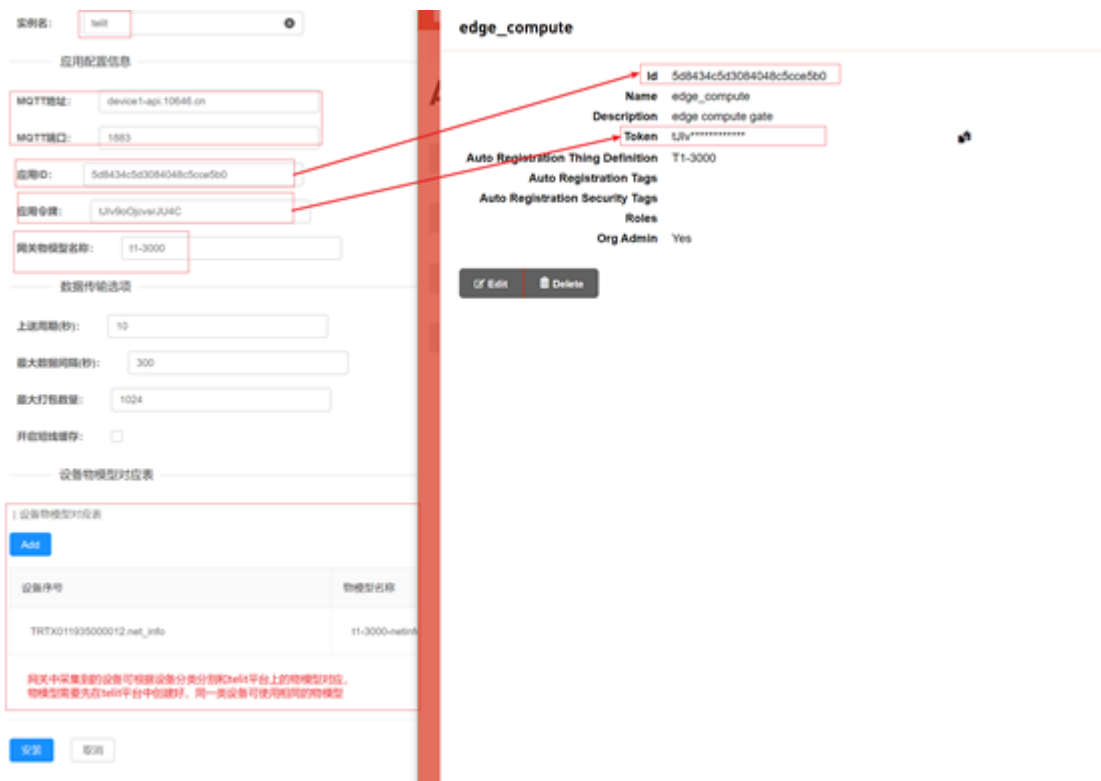
定义完成后，可看到应用ID[]这个很重要，需要记录下来[]Token也需要记录下来。



获取应用令牌，点击Token后面的复制图标即可。

## 应用配置

默认一定会将网关中的标签变量送到telit平台，因此这里需要输入在telit平台上定义的网关物模型。网关采集的设备和telit平台的物模型对应关系在下方的表中。需要先在telit平台上定义需要的物模型，然后再配置网关的telit应用，如网关采集的多个设备是同一类设备，那么可对应到同一个物模型



## 在Telit平台查看新增设备

回到Telit平台，在Things下看一看是否有新的设备出现。

The screenshot shows the 'Things' dashboard interface. At the top, there is a navigation bar with 'Dashboards', 'Things', 'Developer', and 'Help' menus. Below the navigation bar, the title 'Things' is displayed, followed by a search bar and status filters: 'defkey', 'disconnected', and 'connected'. The main content area has three tabs: 'Dashboard', 'Table', and 'Map'. Under the 'Dashboard' tab, there is a section titled 'Connected things' which contains a pie chart. The pie chart is divided into two segments: a large red segment and a smaller green segment. Below the pie chart is a section titled 'Recently added things' which contains a table with three columns: 'Key', 'Name', and 'Added on'. The table lists several entries, with the first two rows highlighted by a red border.

Key	Name	Added on
👁 trtx011935000012__net_info	net_info	21 seconds ago
👁 trtx011935000012	auto:trtx011935000012	23 seconds ago
👁 2-30002-001843-00059__gl	GL	15 hours, 39 minutes ago
👁 2-30002-001843-00059	2-30002-001843-00059	15 hours, 41 minutes ago
👁 trtx011902000001__gl	GL	15 hours, 43 minutes ago
👁 trtx011902000001	TRTX011902000001	15 hours, 46 minutes ago
👁 ididididid__gl	BMS	16 hours, 20 minutes ago
👁 ididididid	IDIDIDIDID	17 hours, 7 minutes ago
👁 slsn23000200184300059dc1	201909	2 weeks, 2 days ago
👁 slsn23000200190700255q5a...	abc11	on Jun 9, 2019

点击眼睛图标查看设备数据。

This is a close-up view of the 'Recently added things' table. A red box highlights the second row, and a red 'View' button is positioned over it. The table structure is the same as in the previous screenshot.

Key	Name	Added on
👁 trtx011935000012__net_info	net_info	21 seconds ago
👁 trtx011935000012	auto:trtx011935000012	23 seconds ago
👁 2-30002-001843-00059__gl	GL	15 hours, 39 minutes ago
👁 2-30002-001843-00059	2-30002-001843-00059	15 hours, 41 minutes ago
👁 trtx011902000001__gl	GL	15 hours, 43 minutes ago

可以看到网关自身的数据传送到telit平台



## 在Telit平台向设备下置数据

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