

# 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：

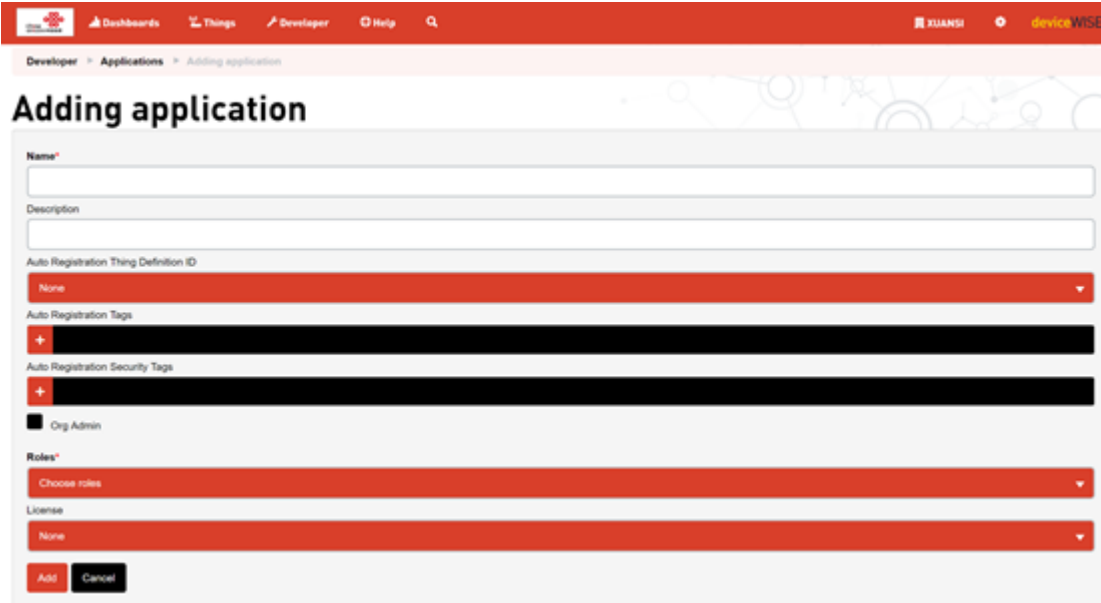
mqtt:device1-api.10646.cn:1883

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

### 在Telit平台创建物模型

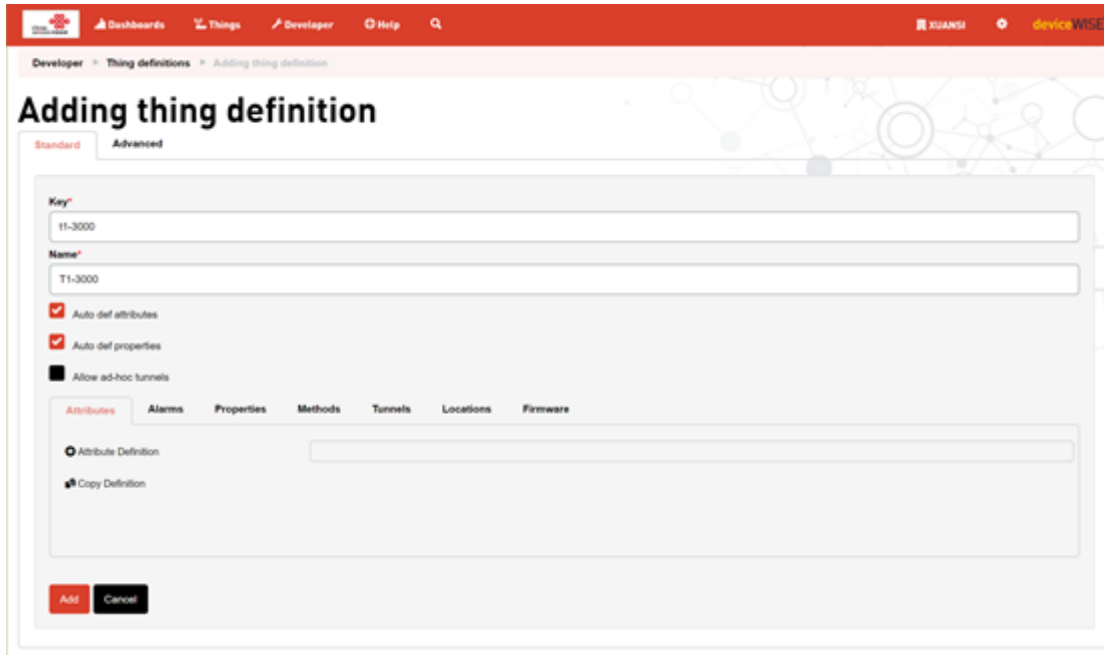
- 创建一个网关的设备模型，因为网关也是一个设备，举例说明：这里使用网关型号创建一个物模型。

新建物模型界面如下：

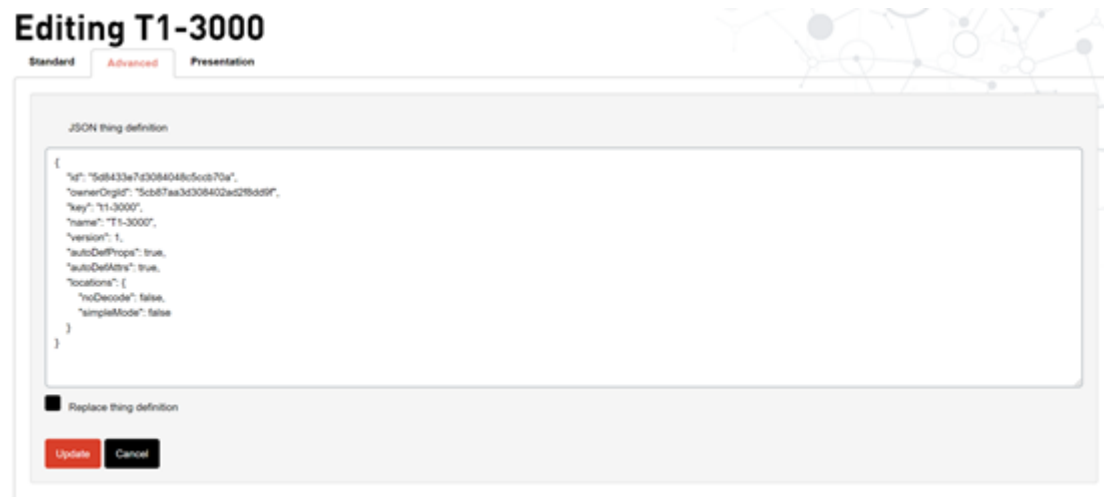


The screenshot shows the 'Adding application' form in the Telit platform. The form has a red header with navigation links: Dashboards, Things, Developer, Help, and a search icon. The breadcrumb is 'Developer > Applications > Adding application'. The form fields are: Name (text input), Description (text input), Auto Registration Thing Definition ID (dropdown menu set to 'None'), Auto Registration Tags (text input with a '+' icon), Auto Registration Security Tags (text input with a '+' icon), Roles (dropdown menu set to 'Choose roles'), and License (dropdown menu set to 'None'). At the bottom, there are 'Add' and 'Cancel' buttons.

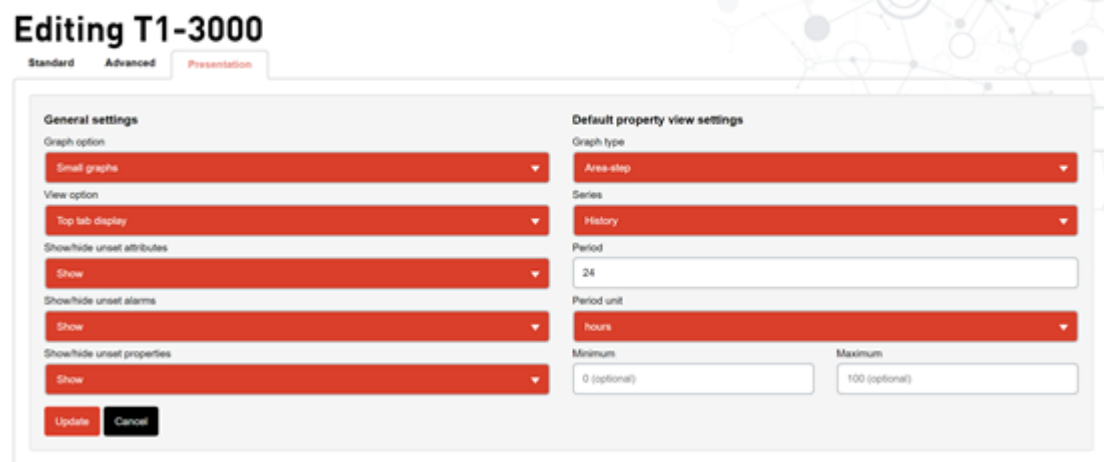
输入KEY和NAME可以相同，也可以不同。记得勾选Auto def attributes和Auto def propertie不勾选，就得自己手动创建设备中的所有标签变量。



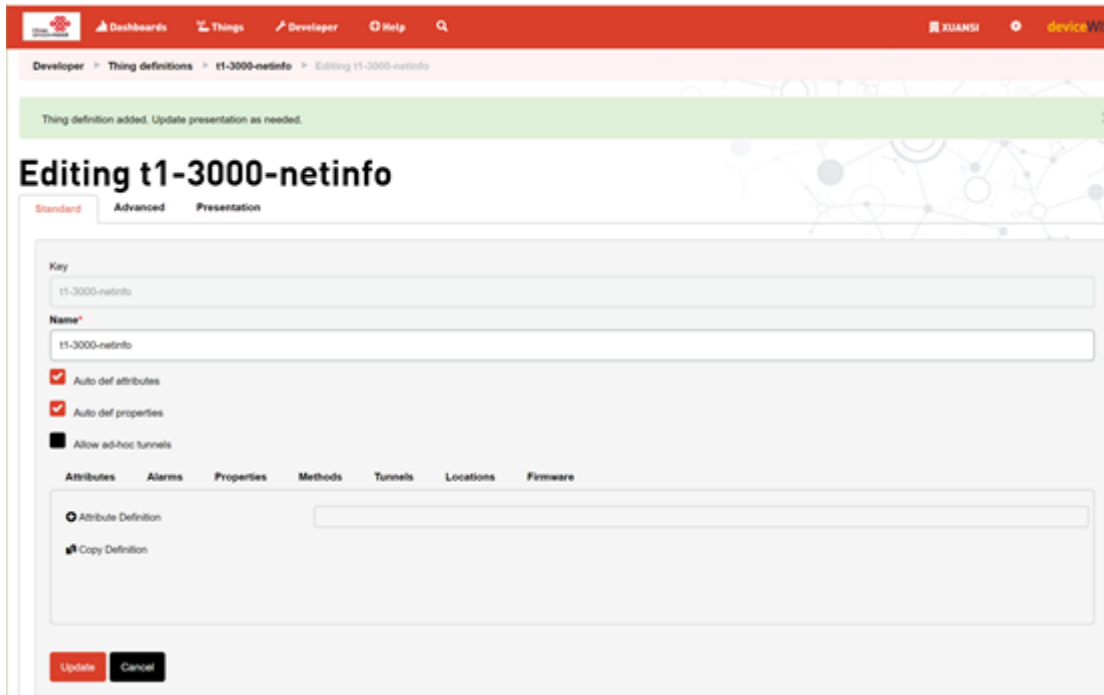
完成后可以查看物模型的信息。



Thing definition added. Update presentation as needed.

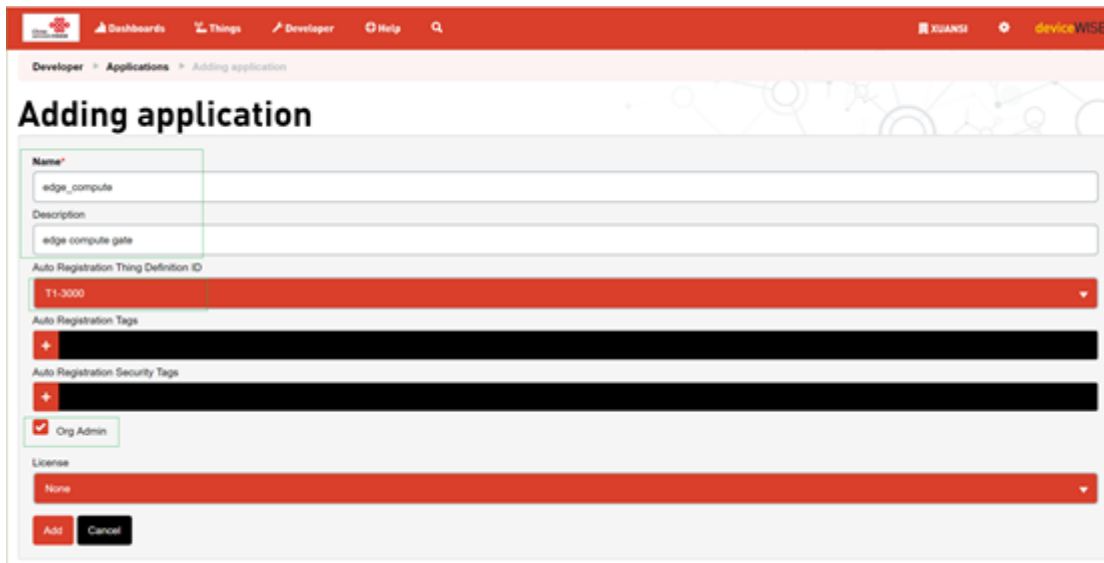


- 将网关采集的设备分别创建物模型，这里创建了一个t1-3000-netinfo[]使用时需要根据实际情况创建。

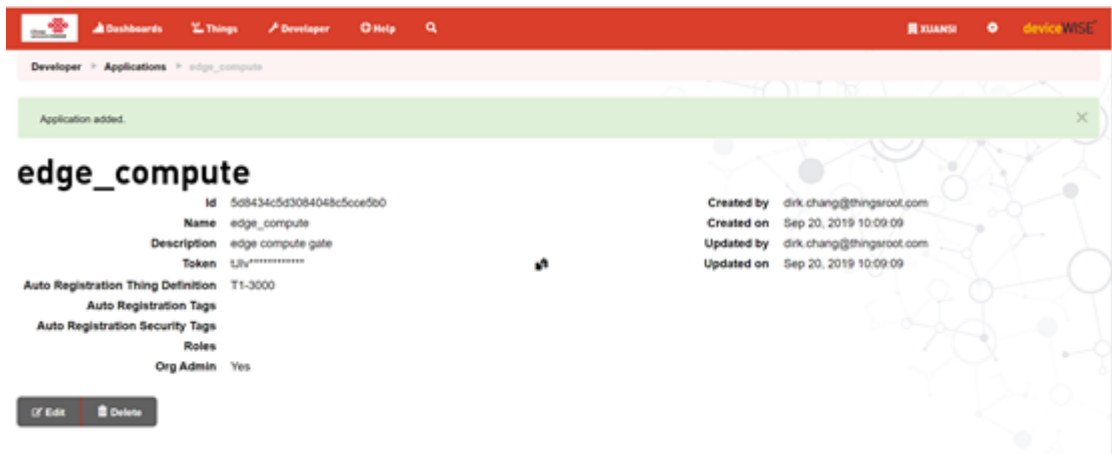


## 在Telit平台创建应用

给新的应用定义名称和描述



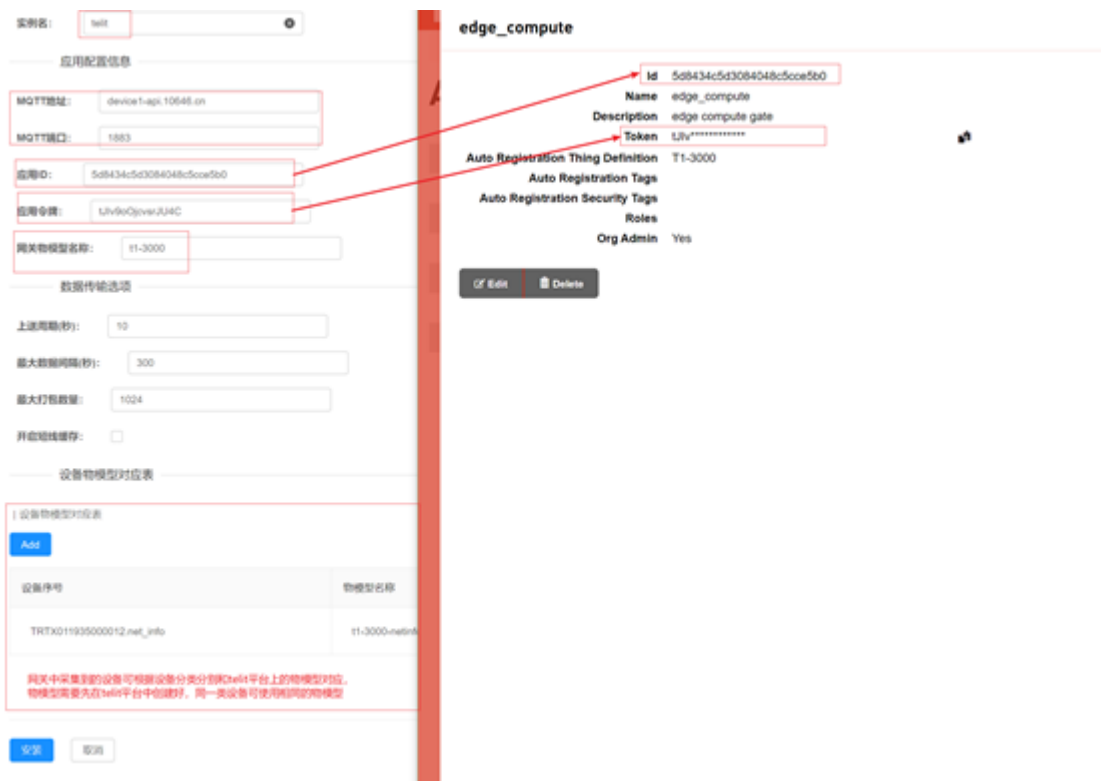
定义完成后，可看到应用ID[]这个很重要，需要记录下来[]Token也需要记录下来。



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 Telit Things dashboard interface. At the top, there is a navigation bar with 'Dashboards', 'Things', 'Developer', and 'Help' menus. The main heading is 'Things' with a search bar. Below the heading, there are tabs for 'defkey', 'disconnected', and 'connected', with 'connected' being the active tab. The dashboard is divided into two sections: 'Connected things' and 'Recently added things'. The 'Connected things' section features a pie chart with a large red slice and a smaller green slice. The 'Recently added things' section contains a table with columns for 'Key', 'Name', and 'Added on'. The first two rows of the table are highlighted with a red border.

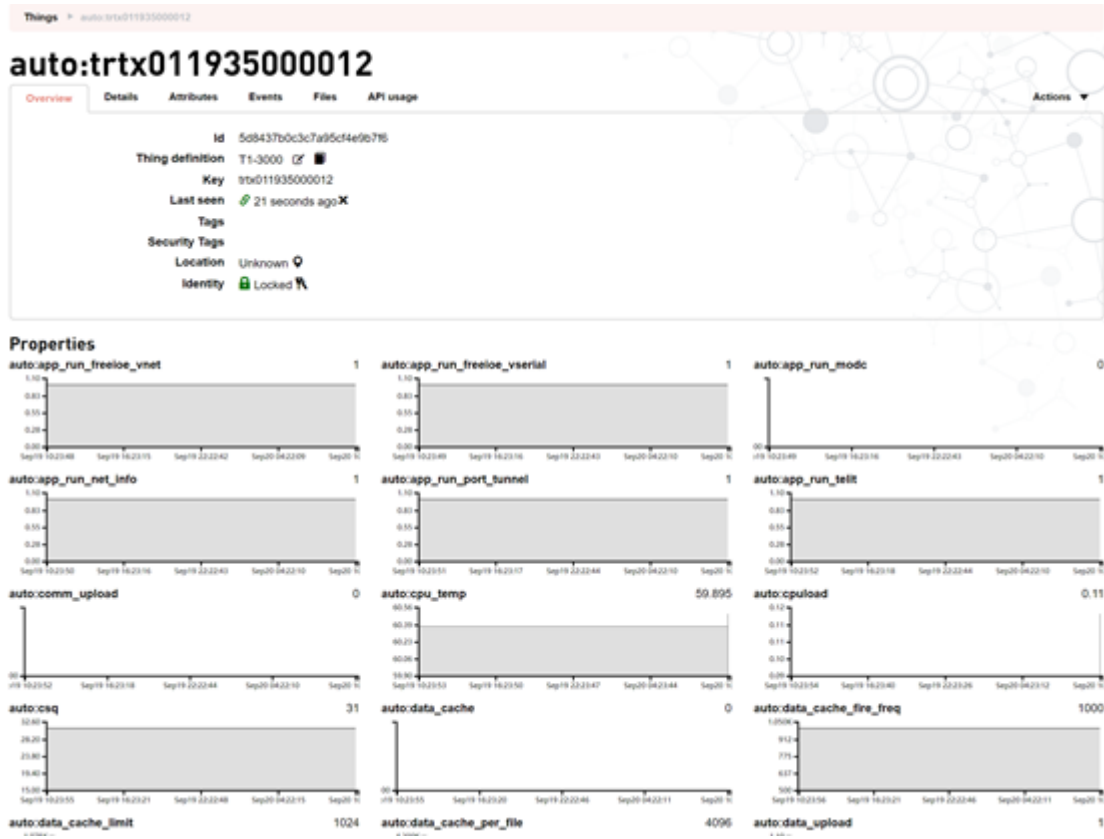
Key	Name	Added on
👁 trtx011935000012__net_info	net_info	21 seconds ago
👁 trtx011935000012	auto:trtx011935000012	23 seconds ago
👁 2-30002-001843-00059__gl	GL	15 hours, 39 minutes ago
👁 2-30002-001843-00059	2-30002-001843-00059	15 hours, 41 minutes ago
👁 trtx011902000001__gl	GL	15 hours, 43 minutes ago
👁 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 tooltip with the text 'View auto:trtx011935000012' is positioned over the eye icon of the second row. 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



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