

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：

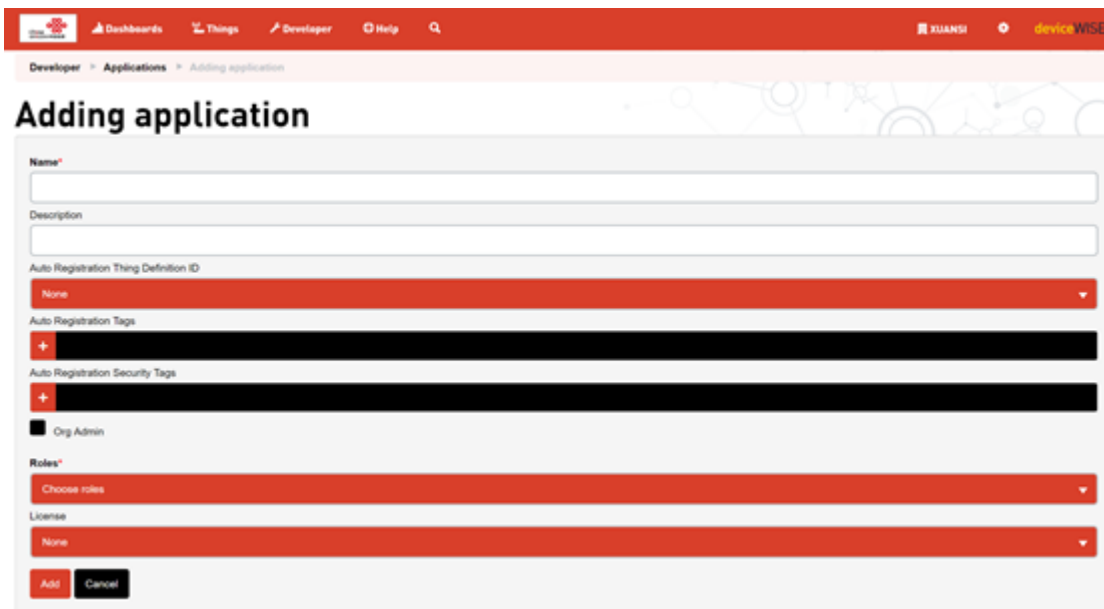
mqtt:device1-api.10646.cn:1883

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。

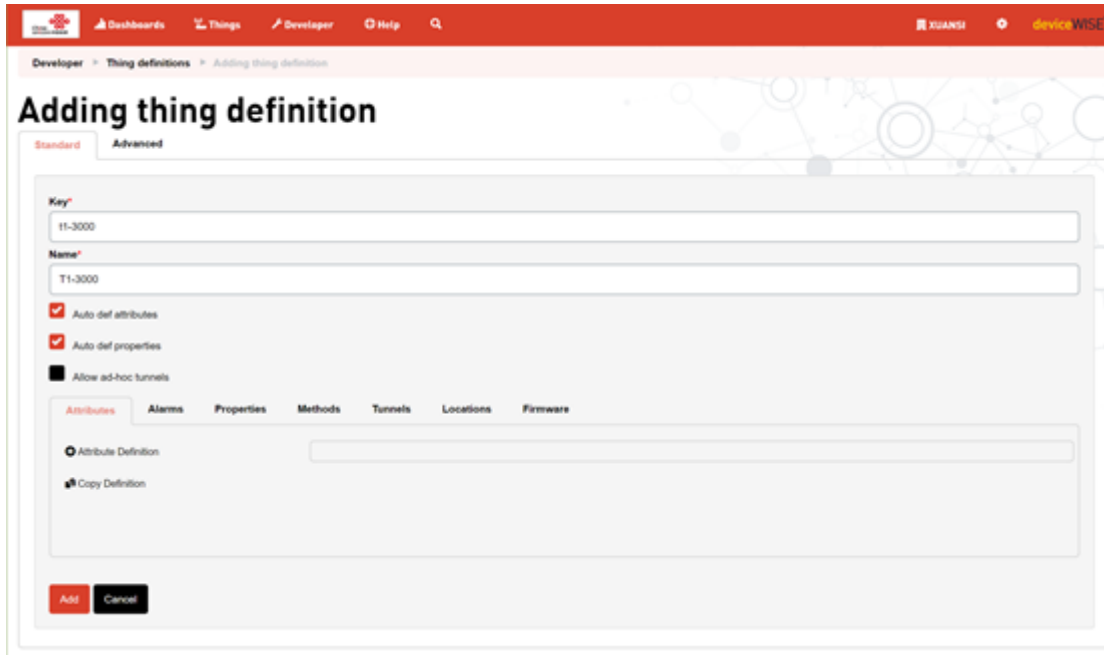
新建物模型界面如下：



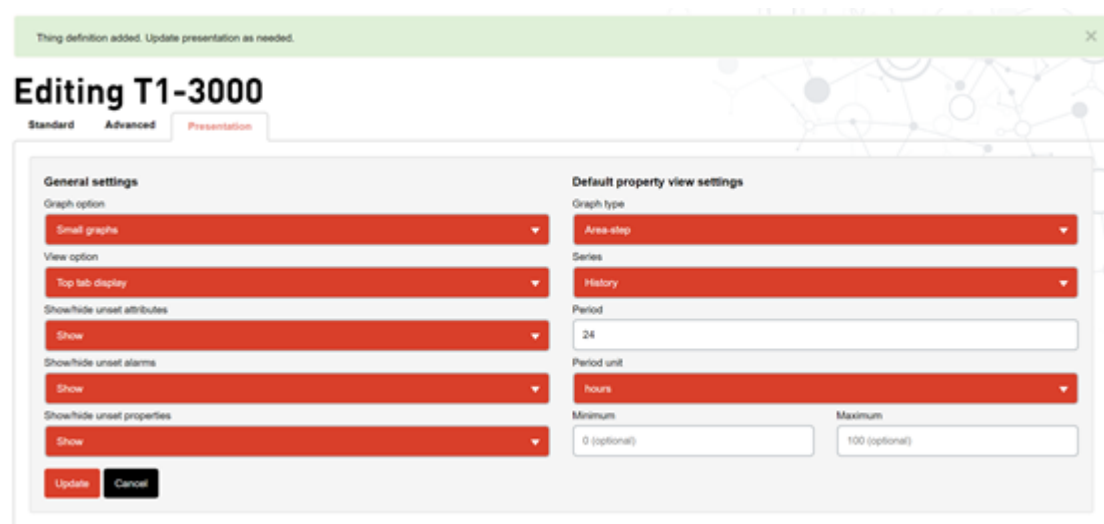
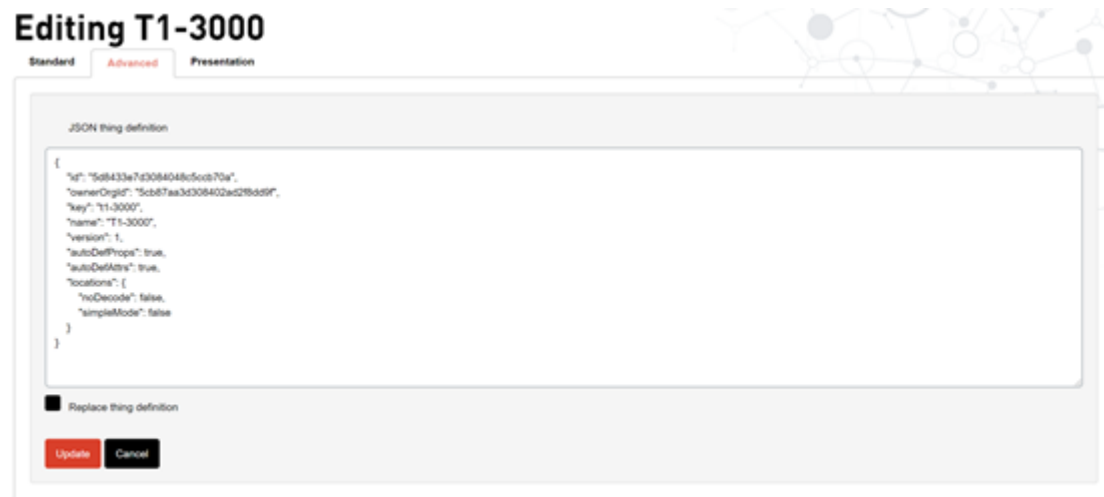
The screenshot shows a web interface for adding a new application. The title is "Adding application". The form contains the following fields and options:

- 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 left.

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。



- 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。

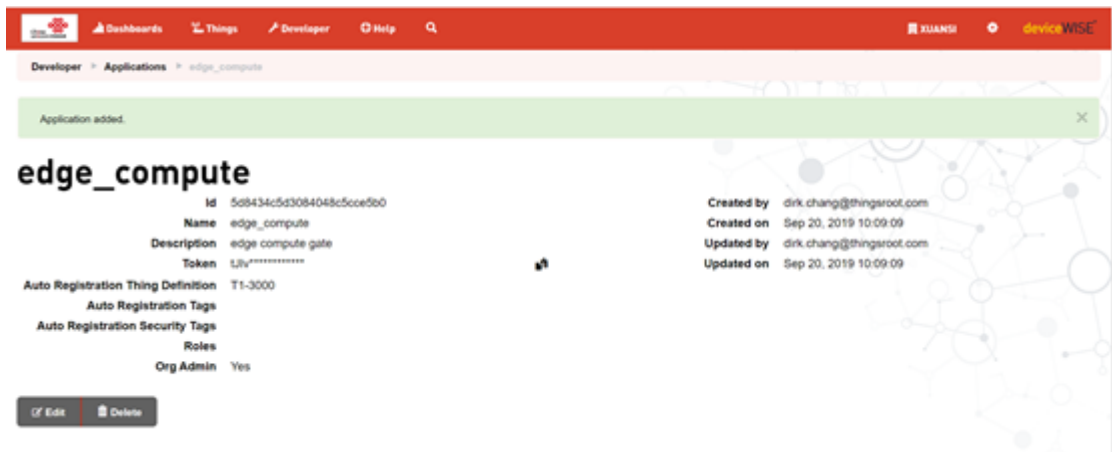


在Telit平台创建应用

给新的应用定义名称和描述



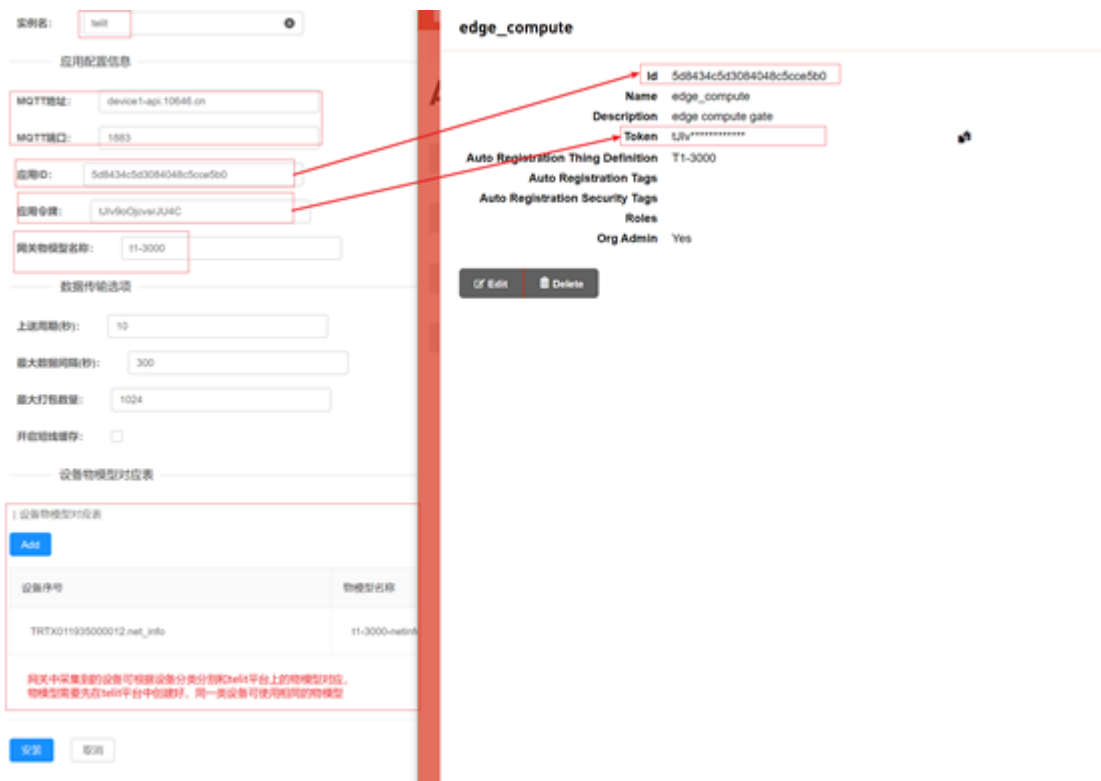
定义完成后，可看到应用ID[]这个很重要，需要记录下来[]Token也需要记录下来。



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 filter tabs for 'defkey', 'disconnected', and 'connected'. The main content area features a 'Dashboard' tab, a 'Table' view, and a 'Map' view. A pie chart titled 'Connected things' shows a large red slice and a smaller green slice. Below the chart is a table titled 'Recently added things' with columns for 'Key', 'Name', and 'Added on'. The table lists various device keys and their corresponding names and addition times.

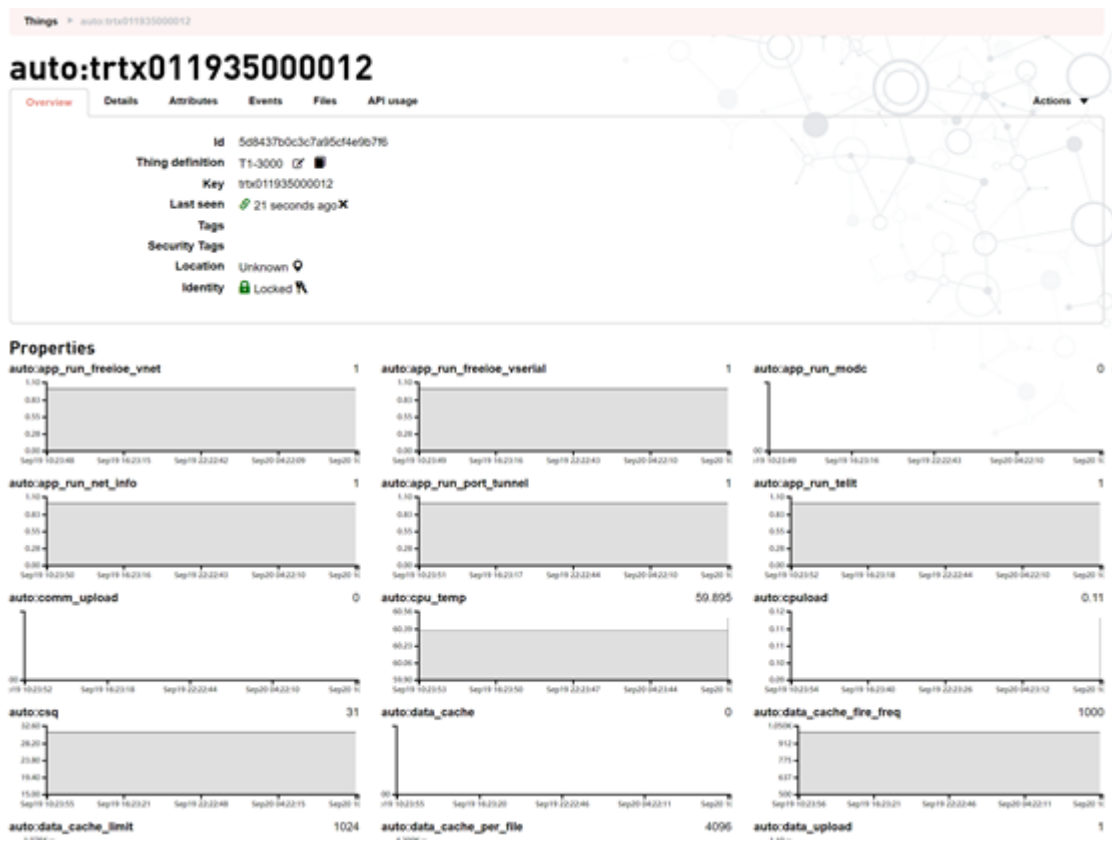
| Key | Name | Added on |
|-----------------------------|-----------------------|--------------------------|
| trtx011935000012__net_info | net_info | 21 seconds ago |
| trtx011935000012 | auto:trtx011935000012 | 23 seconds ago |
| 2-30002-001843-00059__gl | GL | 15 hours, 39 minutes ago |
| 2-30002-001843-00059 | 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 |
| slns23000200184300059dc1 | 201909 | 2 weeks, 2 days ago |
| slns23000200190700255q5a... | abc11 | on Jun 9, 2019 |

点击眼睛图标查看设备数据。

This close-up screenshot focuses on the 'Recently added things' table. A red tooltip with the text 'View auto:trtx011935000012' is positioned over the eye icon of the second row, indicating that clicking the icon allows the user to view the device's data.

| 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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