

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)

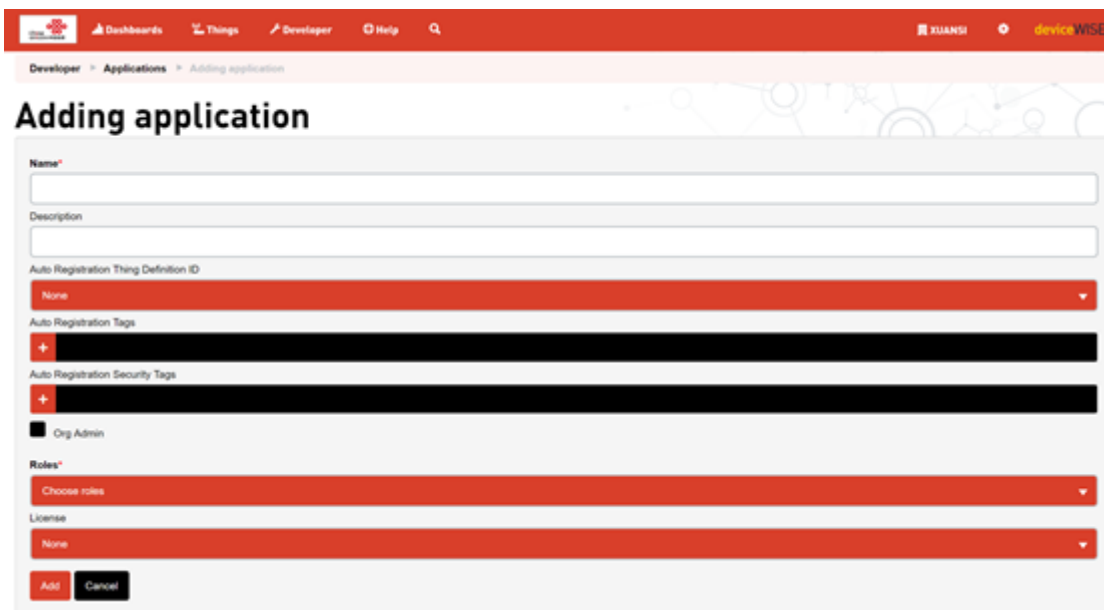
准备工作

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：

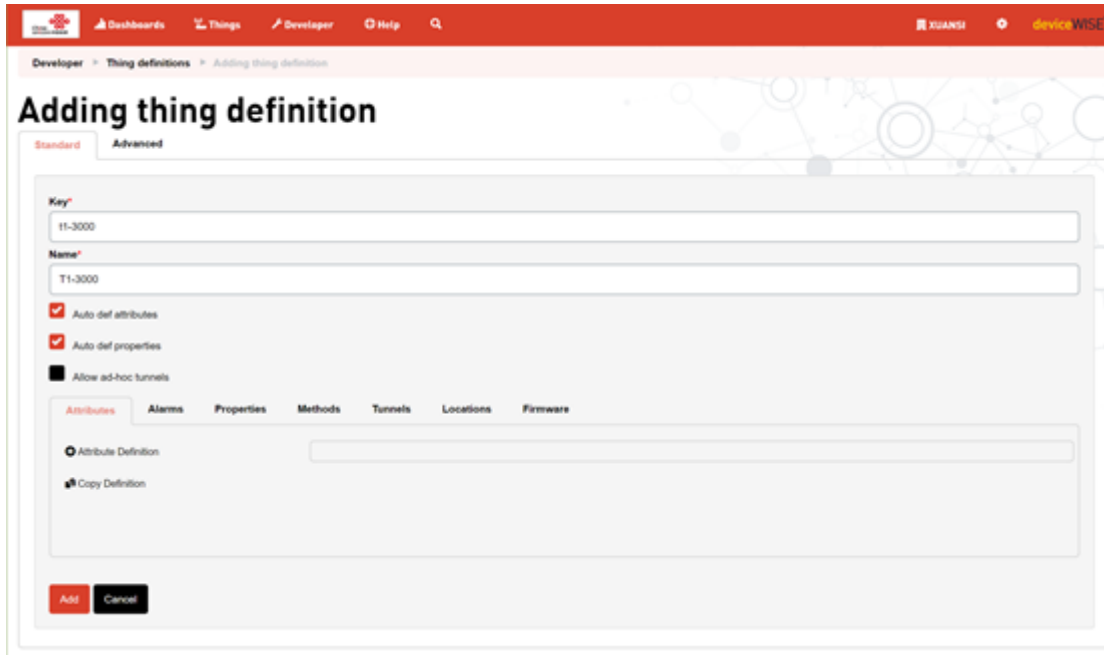


The screenshot shows the 'Adding application' form in the Telit platform. The form is titled 'Adding application' and is located under the 'Developer > Applications > Adding application' path. The form fields are as follows:

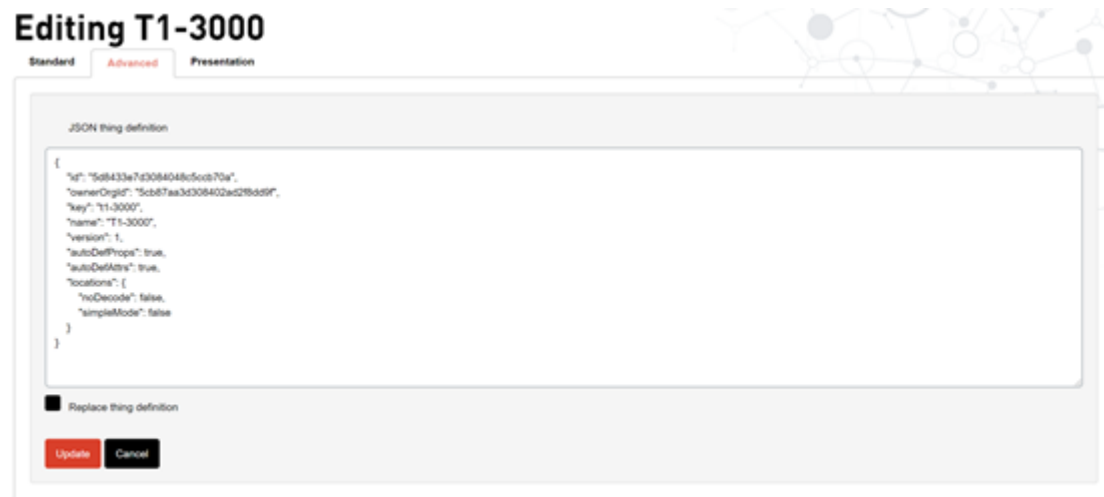
- Name: [Empty text input field]
- Description: [Empty text input field]
- Auto Registration Thing Definition ID: [Dropdown menu with 'None' selected]
- Auto Registration Tags: [List with one tag and a '+' button to add more]
- Auto Registration Security Tags: [List with one tag and a '+' button to add more]
- Org Admin: [Checked checkbox]
- Roles: [Dropdown menu with 'Choose roles' selected]
- License: [Dropdown menu with 'None' selected]

At the bottom of the form, there are two buttons: 'Add' and 'Cancel'.

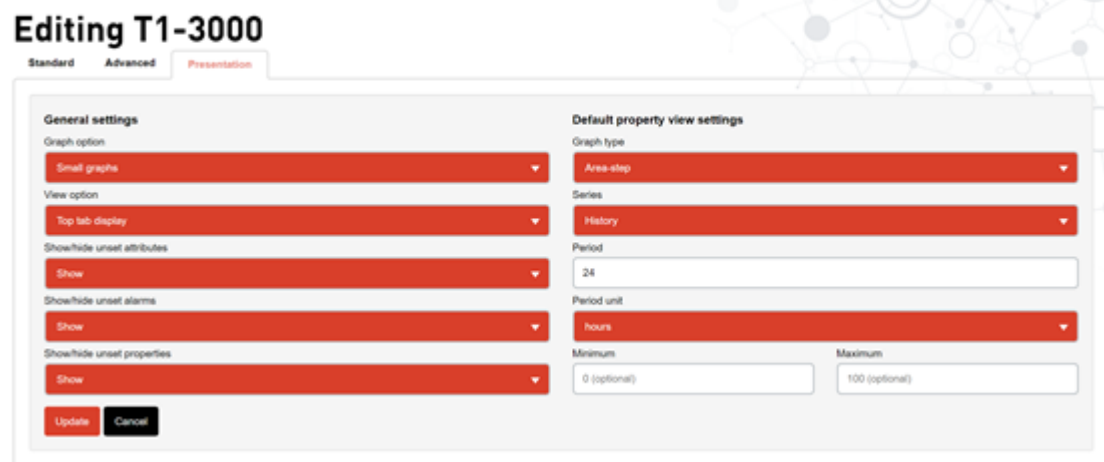
输入KEY和NAME可以相同，也可以不同。记得勾选Auto def attributes和Auto def propertie不勾选，就得自己手动创建设备中的所有标签变量。



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。

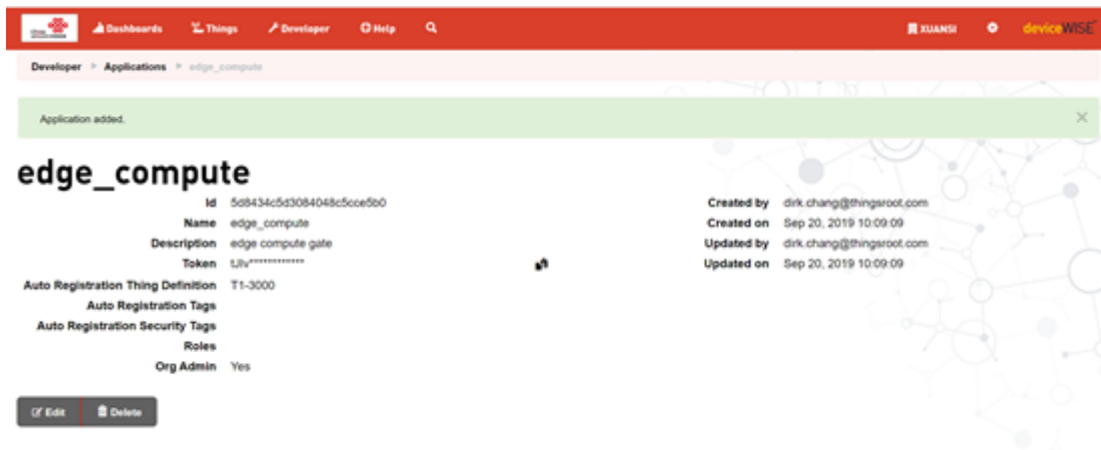


在Telit平台创建应用

给新的应用定义名称和描述



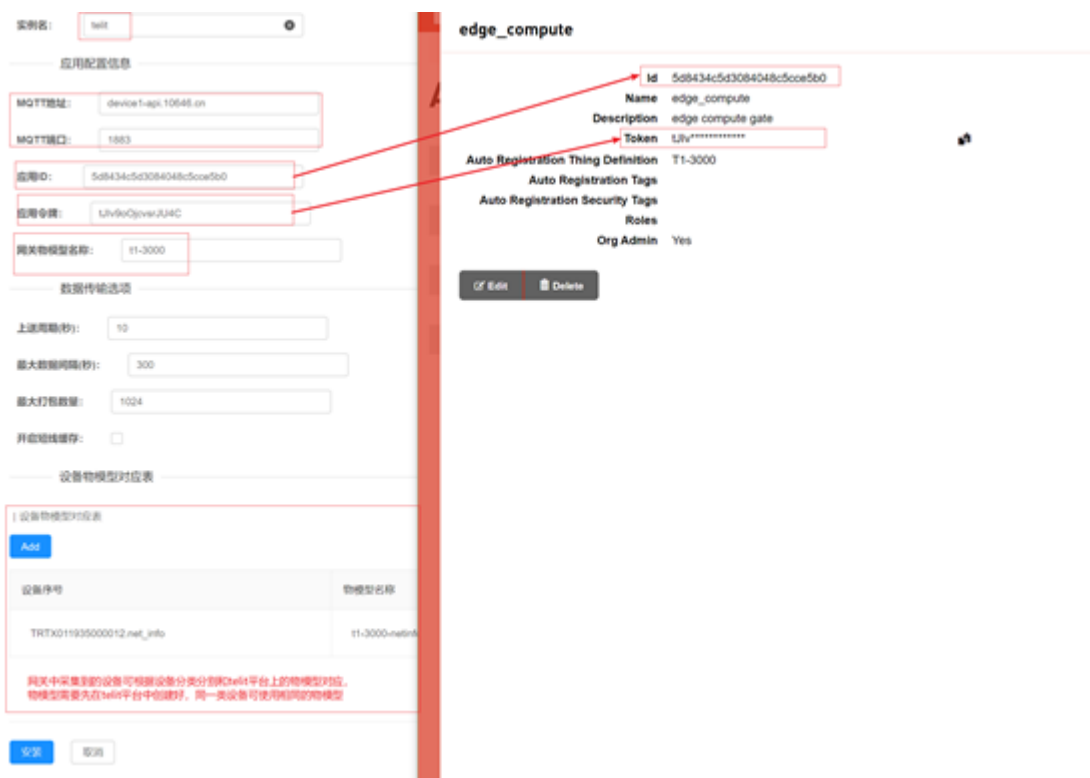
定义完成后，可看到应用ID[]这个很重要，需要记录下来[]Token也需要记录下来。



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, indicating they are the focus of the subsequent steps.

| 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, indicating the next step in the process.

| 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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