



IOT AGENT LWM2M DOCUMENTATION

Provisioning the device

Create device provisioning

`http://{{url}}:{{port-iotagent}}/iot/devices`

Definition: Method to create a device that we want to convert it in an entity.

Method: POST

Parameters:

- url: Link to the service that will be consulted.
- port-iotagent: Port to connect with the service.

Body:

```
{
  "devices": [
    {
      "device_id": "name_device",
      "entity_type": "type_id",
      "attributes": [
        {
          "name": "attribute_name ",
          "type": "attribute_type",
        }
      ],
      "lazy": [
        {
          "name": "attribute_name ",
          "type": "attribute_type"
        }
      ],
      "commands": [
        {
          "name": "command_id",
          "type": "command_type"
        }
      ],
      "internal_attributes": {
        "lmw2mResourceMapping": {
          "attribute_id": {
            "objectType":
            "objecInstance":
            "objectResource": 1
          }
        }
      }
    }
  ]
}
```

- "lazy": It a attribute to need explicit specification to can be read.
- "commands": Commands you can send to the device
- "internal_attributes": Mapped of m2m language to entity attributes. Type, instance and source of each attribute of a entity.

Return:

In case of performing the method correctly, returns a confirmation that the device has been created correctly "201 Created".

In case of already any device with the same name, return "400 Bad Request" with this message:

```
{
  "name": "DUPLICATE_DEVICE_ID",
  "message": "A device with the same pair (Service, DeviceId) was found:..."
}
```