Test Downlink   **Downlink API**

1. Access Token

Sending a downlink message requires an authorization access token. Such token can be obtained by calling the following API.

HTTP Endpoint

POST /iotapi/auth/token

Request

```
curl -X POST
-H 'Content-Type: application/json'
-H 'Accept: application/json'
-d '{
    "username" : "xxxxxx",
    "password" : "xxxxxx"
}'
https://loraiot.cattelecom.com/portal/iotapi/auth/token
```

Response

```
{
    "access_token" : "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
    "expires_in" : 2668"
    ...
}
```

2. Downlink Message

Sends a new downlink message to the device, if that device is within authorized scopes. The message is queued in the Network Server until the device is able to retrieve it (depending on its configured class).

HTTP Endpoint

POST /iotapi/core/devices/{devEui}/downlinkMessages

Request

```
curl -X POST
-H 'Content-Type: application/json'
-H 'Accept: application/json'
-H 'Authorization: Bearer [access_token]'
-d '{
    "payloadHex" : "xxxxxx",
    "targetPorts" : "xx"
}'
https://loraiot.cattelecom.com/portal/core/devices/{devEui}/downlinkMessages
```

Response

```
{
    "payloadHex" : "xxxxxx",
    "targetPorts" : "xx"
    "status" : "status_reason"
}
```

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