



oneM2M Vue Application - Guide

Installation

1. Requirements before installation
 - a. Download or Clone Code from Github
 - b. Install nvm
 - c. Install node.js v22.12.0 (If it's not installed)

```
# Install node.js
$ nvm install v22.12.0
# To check the version of node.js
$ node.js -v
```

2. Run codes in console opened in '**vue-project**' directory

```
$ npm install
$ npm run serve # or npm run dev
```

Features

1. Create Request
 - a. Click Create Button
 - b. Fill editable attributes

	AE	Container	ContentInstance	Subscription
rn(Resource Name)	O (Mandatory)	O (Mandatory)	O	O (Mandatory)
lbl(Label)	O	O	O	X
mni	X	O	X	X
mbs	X	O	X	X
con	X	X	O(Mandatory)	X
nu	X	X	X	O (Mandatory)
nct	X	X	X	O
net	X	X	X	O (Mandatory)
X-M2M-RI	O (Mandatory)	O (Mandatory)	O (Mandatory)	O (Mandatory)
X-M2M-Origin	O (Mandatory)	O (Mandatory)	O (Mandatory)	O (Mandatory)

- c. Click Send Button
- d. If it's successfully retrieved the resource, response body will appear message from server.
- e. If not, response body will appear nothing or error code.

oneM2M

Create
Retrieve
Update
Delete

Create Resource

AE
Container
ContentInstance
Subscription

Destination
Platform Address:
127.0.0.1:3000
Resource ID (To):
TinyIoT

X-M2M-RVI:
2a
X-M2M-Origin:
Enter Originator starts with 'C' or 'S'
Content-Type:
application/json;ty=2
Accept:
application/json

Send

2. Retrieve Request

- a. Click Retrieve Button
- b. Fill editable attributes

	AE	Container	ContentInstance	Subscription
rn(Resource Name)	O (Mandatory)	O (Mandatory)	O (Mandatory)	O (Mandatory)

	AE	Container	ContentInstance	Subscription
Resource Destination(Resource ID(To))	O (Mandatory)	O (Mandatory)	O (Mandatory)	O (Mandatory)
X-M2M-RI	O (Mandatory)	O (Mandatory)	O (Mandatory)	O (Mandatory)

- c. Click Retrieve Button
- d. If it's successfully retrieved the resource, response body will appear with data from server.
- e. If not, response body will appear nothing or error code.

oneM2M

Create
Retrieve
Update
Delete

Retrieve Resource

AE
Container
ContentInstance
Subscription

Destination

Platform Address:
127.0.0.1:3000
Resource ID(To) (ex. TinyIoT):
TinyIoT
AE_rn (Resource Name):
Enter your AE Resource name

X-M2M-RI:
retrieve
X-M2M-RVI:
2a
X-M2M-Origin:
CAdmin
Content-Type:
application/json;ty=2
Accept:
application/json

Retrieve

3. Update Request

- a. Click Update Button
- b. Fill editable attributes

	AE	Container	Subscription
lbl(Label)	O	O	X
nu	X	X	O (Mandatory)
X-M2M-RI	O (Mandatory)	O (Mandatory)	O (Mandatory)

- c. Click Update Button

- d. If it's successfully retrieved the resource, response body will appear message from server.
- e. If not, response body will appear nothing or error code.

oneM2M

Create

Retrieve

Update

Delete

Update Resource

AE **Container** **Subscription**

Destination

Platform Address:
127.0.0.1:3000

Resource ID:
TinyIoT

Body

lbl (Label):
Enter labels (comma separated)

Headers

X-M2M-RI:
update

X-M2M-RVI:
2a

X-M2M-Origin:
CAdmin

Content-Type:
application/json;ty=2

Accept:
application/json

Update

4. Delete Request

- a. Click Delete Button
- b. Fill editable attributes

Resource Destination(Resource ID(To))	O (Mandatory)
X-M2M-RI	O (Mandatory)

- c. Click Delete Button
- d. If it's successfully retrieved the resource, response body will appear message from server.
- e. If not, response body will appear nothing or error code.

Delete Resource

Destination

Platform Address:

127.0.0.1:3000

CSEBase:

TinyIoT

Resource Name to Delete:

Enter Resource Name (ex. myAE/cnt_m/cin_m)

Headers

X-M2M-Rt:

delete

X-M2M-RVi:

2a

X-M2M-Origin:

CAdmin

Accept:

application/json

Delete