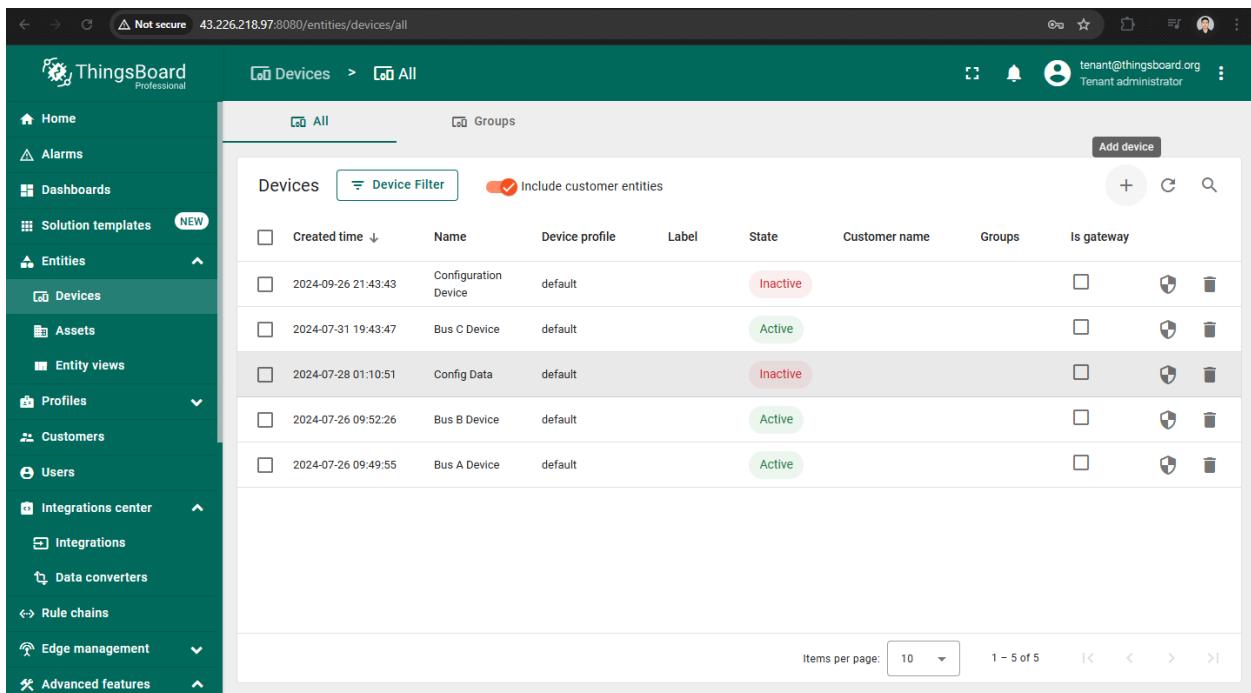


How to register new device

Tags	JASON	TESTING
Branch Name	jchris_a-23-improve-map-ui	

Purpose/Approach

Add a device at Thingsboard



The screenshot shows the Thingsboard Professional web interface. The left sidebar has a dark green theme with various navigation items like Home, Alarms, Dashboards, etc. The main area is titled 'Devices > All'. It shows a table of devices with columns: Created time, Name, Device profile, Label, State, Customer name, Groups, and Is gateway. There are five entries:

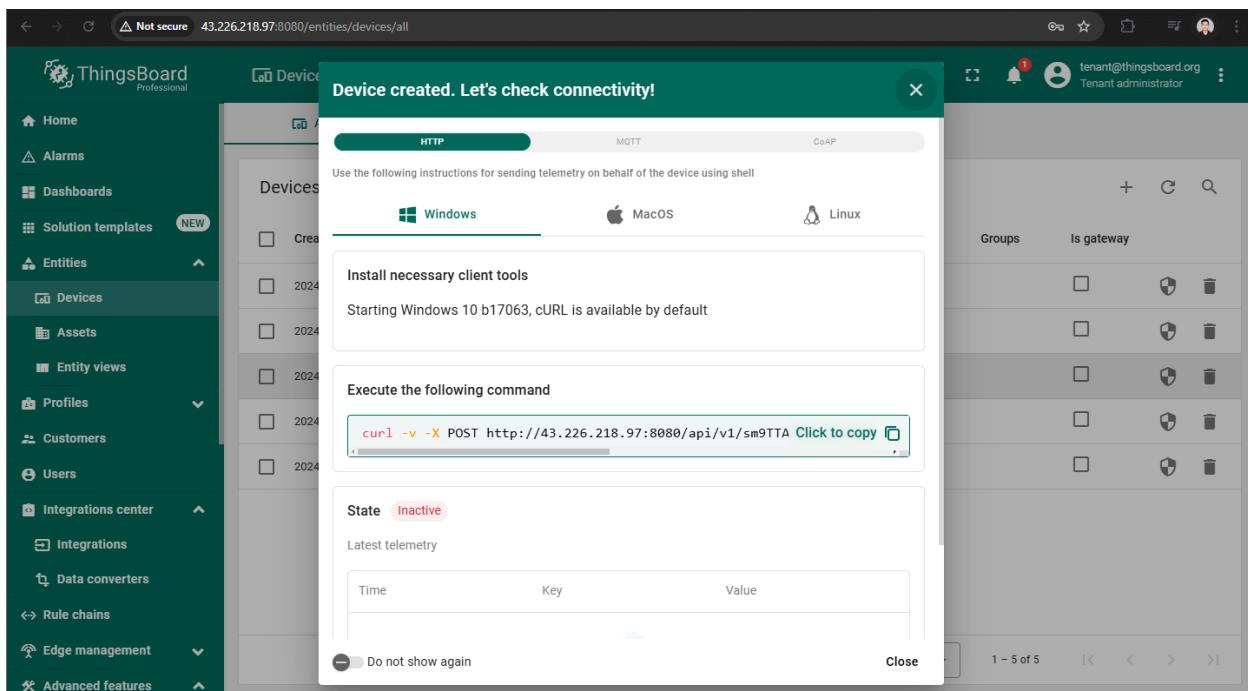
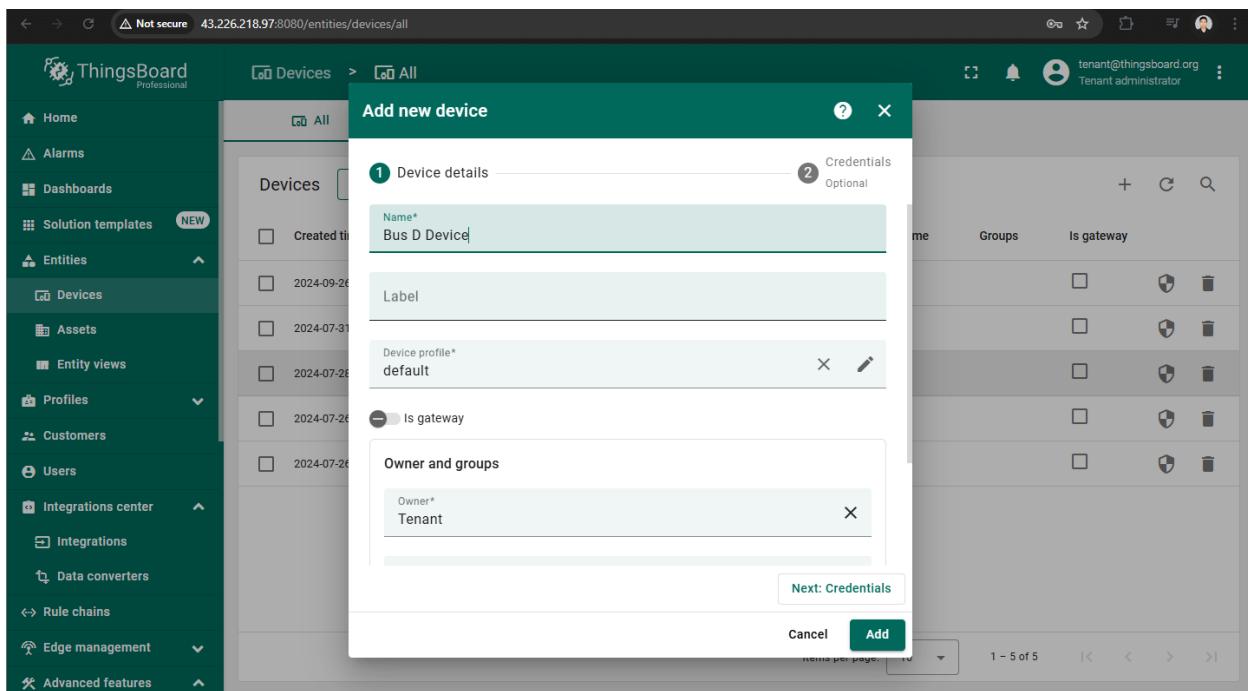
Created time	Name	Device profile	Label	State	Customer name	Groups	Is gateway
2024-09-26 21:43:43	Configuration Device	default		Inactive			
2024-07-31 19:43:47	Bus C Device	default		Active			
2024-07-28 01:10:51	Config Data	default		Inactive			
2024-07-26 09:52:26	Bus B Device	default		Active			
2024-07-26 09:49:55	Bus A Device	default		Active			

At the bottom, there are pagination controls for 'Items per page' (set to 10), '1 - 5 of 5', and navigation arrows.

The screenshot shows the ThingsBoard Device Management interface. On the left is a sidebar with navigation links like Home, Alarms, Dashboards, etc. The main area shows a table of existing devices with columns for Created time, Name, Device profile, Label, State, and Customer name. A modal overlay at the top right contains two buttons: 'Add new device' and 'Import device'. The 'Add new device' button is highlighted.

The screenshot shows the 'Add new device' dialog box. The first tab, 'Device details', is selected. It contains fields for Name*, Label, Device profile* (set to default), and an 'Is gateway' checkbox which is checked. Below these are sections for 'Owner and groups' (set to Tenant) and 'Credentials' (which is optional). At the bottom are 'Cancel' and 'Add' buttons.

Name device as D



Before

The screenshot shows the ThingsBoard interface with the URL 43.226.218.97:8080/entities/devices/all. The left sidebar is open, showing various entities like Home, Alarms, Dashboards, Solution templates (NEW), Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Integrations, Data converters, Rule chains, Edge management, and Advanced features. The main content area shows a table titled 'Devices' with the following data:

	Created time	Name	Device profile	Label	State	Customer name	Groups	Is gateway	Action
<input type="checkbox"/>	2024-09-26 21:43:43	Configuration Device	default		Inactive		<input type="checkbox"/>		
<input type="checkbox"/>	2024-07-31 19:43:47	Bus C Device	default		Active		<input type="checkbox"/>		
<input type="checkbox"/>	2024-07-28 01:10:51	Config Data	default		Inactive		<input type="checkbox"/>		
<input type="checkbox"/>	2024-07-26 09:52:26	Bus B Device	default		Active		<input type="checkbox"/>		
<input type="checkbox"/>	2024-07-26 09:49:55	Bus A Device	default		Active		<input type="checkbox"/>		

At the bottom right of the table, there are buttons for 'Items per page:' (set to 10), '1 - 5 of 5', and navigation arrows.

After

The screenshot shows the same ThingsBoard interface after modifications. The main content area shows a table titled 'Devices' with the following data:

	Created time	Name	Device profile	Label	State	Customer name	Groups	Is gateway	Action
<input type="checkbox"/>	2024-11-24 23:26:32	Bus D Device	default		Inactive		<input type="checkbox"/>		
<input type="checkbox"/>	2024-09-26 21:43:43	Configuration Device	default		Inactive		<input type="checkbox"/>		
<input type="checkbox"/>	2024-07-31 19:43:47	Bus C Device	default		Inactive		<input type="checkbox"/>		
<input type="checkbox"/>	2024-07-28 01:10:51	Config Data	default		Inactive		<input type="checkbox"/>		
<input type="checkbox"/>	2024-07-26 09:52:26	Bus B Device	default		Inactive		<input type="checkbox"/>		
<input type="checkbox"/>	2024-07-26 09:49:55	Bus A Device	default		Inactive		<input type="checkbox"/>		

At the bottom right of the table, there are buttons for 'Items per page:' (set to 10), '1 - 6 of 6', and navigation arrows. A red notification badge with the number '1' is visible on the top right of the header bar.

Save its access token

sm9TTAJ8vDn8x7d1Nxrd

The screenshot shows the ThingsBoard Professional interface. The left sidebar includes sections for Home, Alarms, Dashboards (with a NEW badge), Entities (Devices, Assets, Entity views), Profiles, Customers, Users, Integrations center (Integrations, Data converters, Rule chains), Edge management, and Advanced features. The main area shows a list of devices under 'Devices' with a 'Device Filter' applied. A modal window is open for 'Bus D Device', displaying its details: Name (Bus D Device), Device profile (default), and other fields like Label and Assigned firmware. Buttons for Open details page, Manage credentials, Manage owner and groups, and Check connectivity are visible.

Go to Dashboard → VLRS Dashboard → Edit mode

The screenshot shows the ThingsBoard Professional interface. The left sidebar includes sections for Home, Alarms, Dashboards (with a NEW badge), Entities (Devices, Assets, Entity views), Profiles, Customers, Users, Integrations center (Integrations, Data converters, Rule chains), Edge management, and Advanced features. The main area shows a list of dashboards under 'Dashboards' with a 'Include customer entities' filter applied. A modal window is open for 'VLRS Dashboard', showing its title and other details. Buttons for +, C, and S are visible at the top right of the modal.

Not secure 43.226.218.97:8080/dashboards/all/566fa680-4ad2-11ef-9d96-314c15f6fa0b

tenant@thingsboard.org Tenant administrator

VPRS Dashboard

VLRS Map

Route Map - OpenStreetMap

PUBLISHER DEVICE INFORMATION

Value* {"busConfig": [{"aid": "8d34bcd9a5c78c42"}]}

New Timeseries Line Chart

Entities

Entity name	Entity type	operatorMessage
Bus A Device	Device	Hi from hazeem
Bus B Device	Device	Powered by Thingsboard v3.7.0PE

Devices

Entity aliases

Not secure 43.226.218.97:8080/dashboards/all/566fa680-4ad2-11ef-9d96-314c15f6fa0b

tenant@thingsboard.org Tenant administrator

VPRS Dashboard

VLRS Dashboard

Route Map - OpenStreetMap

PUBLISHER DEVICE INFORMATION

Value* {"busConfig": [{"aid": "8d34bcd9a5c78c42"}]}

New Timeseries Line Chart

Entities

Entity name	Entity type	operatorMessage
Bus A Device	Device	Hi from hazeem
Bus B Device	Device	Powered by Thingsboard v3.7.0PE

Devices

Add Bus D aliases

The screenshot shows the ThingsBoard interface with the URL 43.226.218.97:8080/dashboards/all/566fa680-4ad2-11ef-9d96-314c15f6fa0b. The left sidebar includes sections for Home, Alarms, Dashboards (selected), Solution templates, Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Integrations, Data converters, Rule chains, Edge management, and Advanced features. The main area displays a dashboard titled "VLRS Dashboard". A modal window titled "Entity aliases" is open, listing four entries: 1. Bus B (One device), 2. Bus A (One device), 3. Buses (List of 3 devices), and 4. Test (List of 4 devices). Below the list is a "Value" field containing JSON: {"busConfig": [{"aid": "8d34bdc9a5c78c42", "label": "Bus A Device", "type": "Device"}, {"aid": "8d34bdc9a5c78c43", "label": "Bus B Device", "type": "Device"}]}. At the bottom of the modal are "Add alias" and "Save" buttons.

The screenshot shows the ThingsBoard interface with the same URL as the previous screenshot. The left sidebar and dashboard are identical. A modal window titled "Entity aliases" is open, with a sub-modal titled "Add alias" in the foreground. The "Add alias" modal has fields for "Alias name*" (with a red asterisk indicating required) and "Filter type*". At the bottom are "Cancel" and "Add" buttons. The background modal lists the same four entity aliases as before. The bottom right corner of the screen shows the text "Powered by Thingsboard v3.7.0PE".

The screenshot shows the ThingsBoard interface with a sidebar containing navigation links like Home, Alarms, Dashboards, Solution templates, Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Edge management, and Advanced features. The main area displays a dashboard titled "VLRS Dashboard". A modal window titled "Entity aliases" is open, showing a form to add a new alias. The form fields are as follows:

- Alias name*: Bus D
- Resolve as multiple entities: Off (radio button)
- Filter type*: Single entity
- Type*: Device
- Device*: Bus D Device

At the bottom of the modal are "Cancel" and "Add" buttons. To the right of the modal, there is a "Device Table" and a "Devices" card.

Add Bus D in Buses

edit alias

The screenshot shows the ThingsBoard interface with the same sidebar and dashboard as the previous screenshot. The "Entity aliases" modal is open, displaying a list of existing aliases:

Alias name	Entity filter	Resolve as multiple entities
Bus B	One device	Off
Bus A	One device	Off
Buses	List of 3 devices	On (checkbox checked)
Test	List of 4 devices	On (checkbox checked)

At the bottom of the modal are "Cancel" and "Save" buttons. To the right of the modal, there is a "Device Table" and a "Devices" card.

The screenshot shows the ThingsBoard interface with a sidebar containing navigation links like Home, Alarms, Dashboards, Solution templates, Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Integrations, Data converters, Rule chains, Edge management, and Advanced features. The main area displays a dashboard titled 'VLRS Dashboard'. A modal window titled 'Edit alias' is open, showing the configuration for an alias named 'Buses'. The 'Alias name*' field contains 'Buses', and the 'Resolve as multiple entities' checkbox is checked. The 'Filter type*' dropdown is set to 'Entity list', and the 'Type*' dropdown is set to 'Device'. The 'Entity list*' section shows four selected entities: 'Bus A Device', 'Bus B Device', 'Bus C Device', and 'Bus D Device'. Below the modal, a public value field contains the JSON value: {"busConfig": [{"aid": "8d34bcd9a5c78c42"}]}. The 'Save' button at the bottom right of the modal is highlighted.

This screenshot is nearly identical to the one above, but the 'Entity list*' section now includes five entities: 'Bus A Device', 'Bus B Device', 'Bus C Device', 'Bus D Device', and 'Bus E Device'. The 'Save' button at the bottom right of the modal is highlighted.

Save from edit mode

The screenshot shows the ThingsBoard VLRS Dashboard. The dashboard title is "VLRS Dashboard". It features a map at the top right. Below the map are several data cards:

- PUBLISHER DEVICE INFORMATION**: Contains a "Value*" input field.
- New Timeseries Line Chart**: A line chart showing data over time. Legend: bearing (blue), direction (green), latitude (red), longitude (orange). The chart shows a single red line labeled "avg" with values ranging from -1 to 1.
- SEND ANNOUNCEMENT**: Contains a "Value*" input field.
- BUS ROUTE COORDINATES**: Contains a "Value*" input field.
- BUS STOP COORDINATES**: Contains a "Value*" input field.

The sidebar on the left is titled "Dashboards" and includes options like Home, Alarms, Dashboards, Solution templates (NEW), Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Integrations, Data converters, Rule chains, Edge management, and Advanced features.

Go to device → Bus A Device → Attributes → Shared attributes

The screenshot shows the ThingsBoard Device list. The URL is 43.226.218.97:8080/entities/devices/all. The sidebar on the left shows the same navigation options as the previous dashboard.

A modal window is open for "Bus A Device". The modal has tabs: Details, Attributes (selected), Latest telemetry, Alarms, Events, and Relations. The "Attributes" tab is active. Inside the modal, there is a table of attributes:

	Entity attributes scope	
Last update time	Client attributes	Value
2024-11-24 02:35:49	Server attributes	North-West
2024-11-24 02:35:54	Shared attributes	-36.8558072
2024-11-24 02:35:54	latitude	174.764931
2024-11-08 11:59:22	operatorMessage	Hi from hazeem
2024-11-24 02:35:54	speed	6.591142E-4

Save busRoute → copy value

```
[{"latitude": -36.855647, "longitude": 174.765249}, {"latitude": -36
```

The screenshot shows the ThingsBoard Professional web interface. The left sidebar contains navigation links for Home, Alarms, Dashboards, Solution templates, Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Integrations, Data converters, Rule chains, Edge management, and Advanced features. The main content area has a breadcrumb path: Devices > All. A modal window titled "Bus A Device" is open, displaying "Device details". The modal has tabs for Details, Attributes (selected), Latest telemetry, Alarms, Events, and Relations. The Attributes tab shows a table with columns: Last update time, Key ↑, and Value. One row is visible for the key "busRoute" with the value being a JSON array of coordinates. The bottom of the modal shows items per page (10) and a page number (1 - 6 of 6). The top right corner shows the user tenant@thingsboard.org (Tenant administrator) and a red notification badge.

Last update time	Key ↑	Value
2024-11-24 23:38:48	busRoute	[{"latitude": -36.854305, "longitude": 174.7...}, {"latitude": -36.854304, "longitude": 174.7...}, {"latitude": -36.85433, "longitude": 174.7...}, {"latitude": -36.854294, "longitude": 174.7...}, {"latitude": -36.854267, "longitude": 174.7...}, {"latitude": -36.854086, "longitude": 174.7...}, {"latitude": -36.854041, "longitude": 174.7...}, {"latitude": -36.853993, "longitude": 174.7...}, {"latitude": -36.853807, "longitude": 174.7...}, {"latitude": -36.853804, "longitude": 174.7...}, {"latitude": -36.853807, "longitude": 174.7...}, {"latitude": -36.853806, "longitude": 174.7...}, {"latitude": -36.853904, "longitude": 174.7...}, {"latitude": -36.854016, "longitude": 174.7...}]

busStop

```
[{"latitude": -36.854638, "longitude": 174.764622}, {"latitude": -36
```

config

```
{"busConfig": [{"aid": "8d34bdc9a5c78c42", "bus": "Bus A", "accessTol
```

The screenshot shows the ThingsBoard Professional interface. The left sidebar is open, showing various navigation options like Home, Alarms, Dashboards, Solution templates, Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Edge management, and Advanced features. The main area shows a list of devices under the 'Devices' tab. One device, 'Bus A Device', is selected and shown in a detailed view on the right. The detailed view includes tabs for Details, Attributes (which is selected), Latest telemetry, Alarms, Events, and Relations. The 'Attributes' tab displays shared attributes for the device, including 'Last update time', 'Key ↑', and 'Value'. The value for 'busStop' is a JSON object containing bus coordinates and configuration details. The 'config' attribute also contains a JSON object with bus ID, access token, and other parameters.

Last update time	Key ↑	Value
2024-11-24 23:39:06	busStop	<pre>{ "latitude": -36.856405, "longitude": 174.769189, "bus": "Bus A" } [{"latitude": -36.856189, "longitude": 174.769189}, {"latitude": -36.855917, "longitude": 174.769189}, {"latitude": -36.855647, "longitude": 174.769189}, {"latitude": -36.854638, "longitude": 174.769189}, {"latitude": -36.853792, "longitude": 174.769189}, {"latitude": -36.854254, "longitude": 174.769189}, {"latitude": -36.855171, "longitude": 174.769189}, {"latitude": -36.856104, "longitude": 174.769189}, "busConfig": [{ "aid": "8d34bcd9a5c78c42", "bus": "Bus A", "accessToken": "3kMpqehqfz7V4N...", "aid": "2b039058a1a5f8a3", "bus": "Bus B", "accessToken": "wurH9Pwz8Le2Lqc..." }] }</pre>
2024-11-24 23:40:11	config	

message

Hello18

name

Bus A

operatorMessage

I got flat tire

The screenshot shows the ThingsBoard interface. On the left, the navigation sidebar is visible with various sections like Home, Alarms, Dashboards, and Entities. The 'Devices' section is currently selected. In the main content area, a list of devices is shown with columns for Created time, Name, and Device type. One device, 'Bus A Device', is selected. The right side shows the 'Device details' panel for 'Bus A Device'. The 'Attributes' tab is selected, showing a table of attributes. One attribute, 'busRoute', is highlighted with a red border. The value for 'busRoute' is shown as a JSON object: `{"longitude":174.765249}`.

put this info to Bus D Device
with type as follow
busRoute → json

The screenshot shows the ThingsBoard interface. The left sidebar is identical to the previous screenshot. In the main content area, a list of devices is shown. One device, 'Bus D Device', is selected. The right side shows the 'Device details' panel for 'Bus D Device'. The 'Attributes' tab is selected, showing a table of attributes. An 'Add attribute' dialog is open, prompting for a 'Key*' (set to 'busRoute') and a 'Value' (set to `{"longitude":174.765249}`). The 'Type' dropdown is set to 'JSON'.

busStop → json

The screenshot shows the ThingsBoard interface. On the left, the sidebar includes sections for Home, Alarms, Dashboards, Solution templates (NEW), Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Edge management, and Advanced features. The main area displays a list of devices under the heading 'Devices'. A modal window titled 'Add attribute' is open, prompting for a 'Key*' (set to 'busStop') and a 'Value' (set to a JSON object: `{"longitude":174.765522}`). The background shows a table with columns for Created time, Name, Device type, and Device ID, listing various devices like 'Bus A Device' and 'Bus D Device'. At the bottom right of the screen, there is a red circle with a white pencil icon.

config → json

This screenshot is similar to the previous one, showing the ThingsBoard interface. The sidebar and device list are identical. The 'Add attribute' modal is open again, this time with the 'Key*' set to 'config' and the 'Value' set to a JSON object: `{"vuAPMUGGdvlwLPX2":1}`. The background table and the red pencil icon at the bottom right are also present.

message → string

The screenshot shows the ThingsBoard interface with a device configuration dialog open. The dialog is titled "Add attribute" and has a "Key*" field containing "Hello18" and a "Value" field containing "message". The "Type" dropdown is set to "String". The background shows a list of devices and their latest telemetry data.

name → string

The screenshot shows the ThingsBoard interface with a device configuration dialog open. The dialog is titled "Add attribute" and has a "Key*" field containing "name" and a "Value" field containing "Bus D". The "Type" dropdown is set to "String". The background shows a list of devices and their latest telemetry data.

operatorMessage → string

The screenshot shows the ThingsBoard Professional interface. On the left, there's a sidebar with various navigation options like Home, Alarms, Dashboards, Solution templates, Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Edge management, and Advanced features. The 'Devices' option is selected. In the main area, there's a 'Devices' list with several entries. A modal window titled 'Add attribute' is open over the list, prompting for a key ('operatorMessage') and a value ('I got flat tire'). The value is typed into a 'String' input field. At the bottom right of the modal, there are 'Cancel' and 'Add' buttons. The background of the modal shows a preview of the device details, including 'Latest telemetry', 'Alarms', 'Events', and 'Relations' sections.

Now register bus d to Publisher Device Information so that aid is registered to all devices

```
{"aid": "c517cb23b2ad8f97", "bus": "Bus D", "accessToken": "sm9TTAJ8v"}
```

before

```
{"busConfig": [{"aid": "8d34bdc9a5c78c42", "bus": "Bus A", "accessToken": "3KMpqehqifz7V4N..."}]}
```

after

```
{"busConfig": [{"aid": "8d34bdc9a5c78c42", "bus": "Bus A", "accessToken": "3KMpqehqifz7V4N..."}, {"aid": "2b039058a1a5f8a3", "bus": "Bus B", "accessToken": "wurh9PW2lE2Lqc..."}, {"aid": "02372ba208415152", "bus": "Bus C", "accessToken": "AsxTwuAPMUGd..."}]}
```

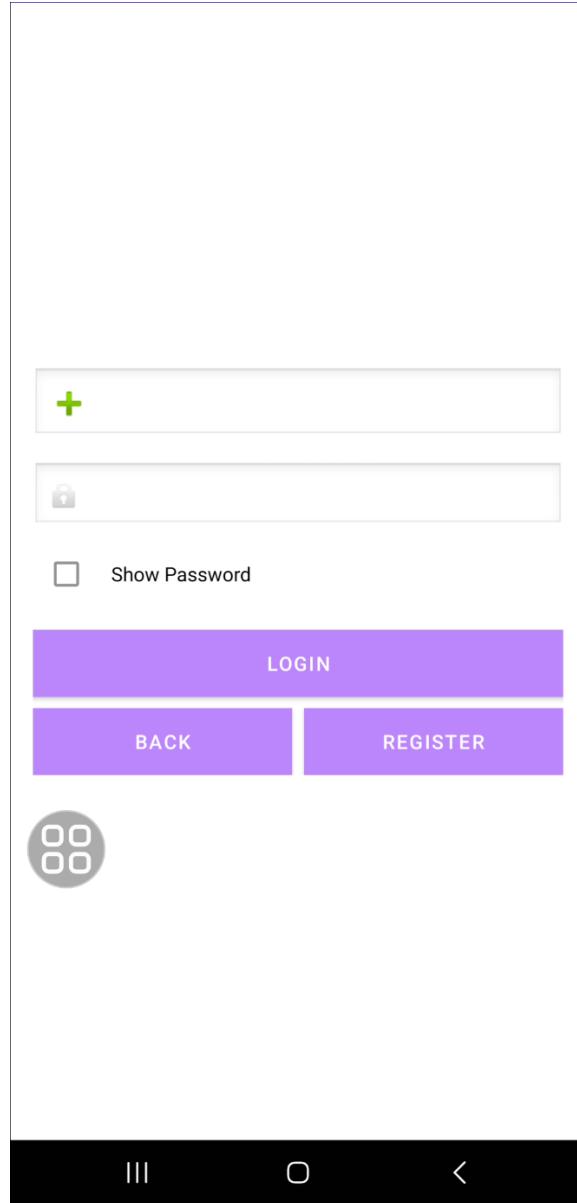
The screenshot shows the ThingsBoard VLRS Dashboard. On the left, the navigation menu includes Home, Alarms, Dashboards, Solution templates (NEW), Entities, Devices, Assets, Entity views, Profiles, Customers, Users, Integrations center, Integrations, Data converters, Rule chains, Edge management (selected), and Advanced features. The main content area has a title "VLRS Map" and a subtitle "VLRS Dashboard". It features a map of a coastal area with several locations labeled: Jorthcote Point, Northcote Point, Belmont, Narrow Neck, Vauxhall, and Stanley Point. Below the map is a "PUBLISHER DEVICE INFORMATION" card with the value: {"busConfig": [{"aid": "8d34bdc9a5c78c42"}]}. A success message "Update successful" is displayed. To the right is a "New Timeseries Line Chart" showing data over time for bearing, direction, latitude, longitude, and avg. Below the chart is a "SEND ANNOUNCEMENT" card with a value input field. To the right is a "BUS ROUTE COORDINATES" card with the value: 853904, "longitude": 174.766751}, {"longitude": 174.766751, "latitude": 853904}. Further right is a "BUS STOP COORDINATES" card with the value: {"latitude": -36.854638, "longitude": 174.764}. At the bottom right is a "Devices" section with a list of entities: Bus A Device (Device, Hi from hazeem), Bus B Device (Device, I got flat tire). The footer indicates "Powered by Thingsboard v3.7.0PE".

See changes in Bus A,B,C,D Device

The screenshot shows the ThingsBoard Devices page. The left sidebar is identical to the previous dashboard. The main content shows a list of devices: Bus D Device, Configuration Device, Bus C Device, Config Data, Bus B Device, and Bus A Device. A modal window titled "Bus A Device" is open, showing the "Attributes" tab. It displays shared attributes for the Bus A Device, including last update time, key, and value. The value is a JSON object containing bus configuration details. Other tabs include Details, Latest telemetry, Alarms, Events, and Relations. A red circle highlights the edit icon in the top right corner of the modal.

Put the changes in ConfigData as well

Now register the device on publisher device so it will saved at server
 companyName: vtrs
 password: vtrs1234

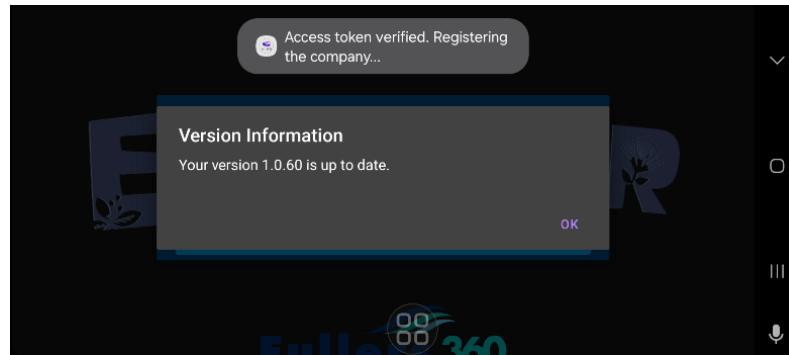


Register



put access token bus D which is sm9TTAJ8vDn8x7d1Nxrd

Successful register bus d device



Check the json file in the server

Before

/var/www/ota_update_server/config/			
Name	Size	Changed	
..		10-Nov-24 01:00:0	
oRSsbeuqDMSckyckcMyE.json	1 KB	26-Sep-24 00:44:52	

After

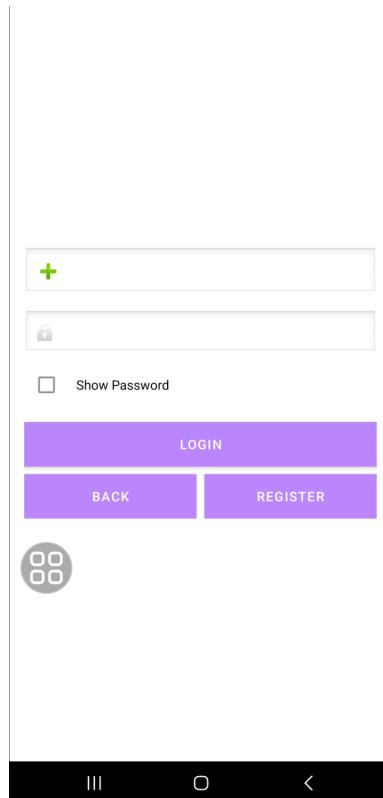
/var/www/ota_update_server/config/			
Name	Size	Changed	
..		10-Nov-24 01:00:0	
sm9TTAJ8vDn8x7d1NxrD.json	1 KB	25-Nov-24 01:58:5	
oRSsbeuqDMSckyckcMyE.json	1 KB	25-Nov-24 00:47:3	

sm9TTAJ8vDn8x7d1NxrD.json contain

```
{  
    "companyName": "vlrs",  
    "password": "vlrs1234",  
    "tokenConfigData": "sm9TTAJ8vDn8x7d1NxrD",  
    "busConfig": [  
        {  
            "aid": "8d34bdc9a5c78c42",  
            "bus": "Bus A",  
            "accessToken": "3KMpqehqIfz7V4NT6xW7"  
        },  
        {  
            "aid": "8d34bdc9a5c78c42",  
            "bus": "Bus B",  
            "accessToken": "3KMpqehqIfz7V4NT6xW7"  
        }  
    ]  
}
```

```
        "aid": "2b039058a1a5f8a3",
        "bus": "Bus B",
        "accessToken": "wurH9PWz8Le2Lqcsu7tw"
    },
    {
        "aid": "02372ba208415152",
        "bus": "Bus C",
        "accessToken": "ASxTwuAPMUGGdvlwLPX2"
    },
    {
        "aid": "c517cb23b2ad8f97",
        "bus": "Bus D",
        "accessToken": "sm9TTAJ8vDn8x7d1Nxrd"
    }
]
}
```

Login again



We can also see the changes

The screenshot shows the ThingsBoard interface with a device named "Bus D Device". The device details page lists various attributes and their values. A red circle highlights the edit icon in the top right corner of the device details card.

Device Details:

Client attributes	Entity attributes scope	Key	Value
Last update time	Client attributes		
2024-11-25 02:22:24		bearing	356.1215
2024-11-25 02:22:24		direction	South-East
2024-11-25 02:22:24		latitude	-36.8558758
2024-11-25 02:22:24		longitude	174.7649136
2024-11-25 02:22:24		speed	3.8016472

Mobile Application Overlay:

2:22 100%
SM-S920B

Bus Direction: Connected

Bus Telemetry Data:
Current Bearing: 356.1215 degrees
Upcoming Bearing:

Upcoming Road:
Current Road: Airedale Street

Buttons:
SET DEPARTURE TIME
NOTIFY OPERATOR
GIVE US FEEDBACK Version 1.0.60 (Up to date)

Not secure 43.226.218.97:8080/dashboards/all/566fa680-4ad2-11ef-9d96-314c15f6fa0b

ThingsBoard Professional

Dashboards > All > VLRS Dashboard

VLRS Map VLRS Dashboard Filters Realtime - last minute Edit mode

tenant@thingsboard.org Tenant administrator

VLRS Map

Route Map - OpenStreetMap

PUBLISHER DEVICE INFORMATION

Value* {"busConfig": ["aid": "8d34bdc9a5c78c42"]}

New Timeseries Line Chart

Entities

Entity name	Entity type	operatorMessage
Bus A Device	Device	Hi from hazeem
Bus B Device	Device	Powered by Thingsboard v.3.7.0PE

Devices

SM-S928B

2:22

Bus Direction Connected

Bus Telemetry Data

Current Bearing: 183.2705 degrees

Upcoming Bearing:

Upcoming Road

Current Road: Airedale Street

Upcoming Roads: Saint Paul Street

SET DEPARTURE TIME NOTIFY OPERATOR GIVE US FEEDBACK Version 1.0.60 (Up to date)