

API Parser Qapp Deployment Instructions

Use case: View PRTG data on NetBrain Map

Vendor: PRTG

Version: 7.1a

Prerequisite

1. Complete the pre-deployment checklist
2. Deploy the API Plugin

Deployment procedure

1. Set API Network Setting to a device
2. Import API Qapp
3. Execute the Qapp

Step 1: Set API Network Setting to a device

Shared Device Settings of NBUSMA-SW2

Shared Device Settings: **Unlock** Lock

Management IP: 172.16.8.171 Ping

Live Status: Up

Front Server/Front Server Group: Win-Int-3192(192.168.31.92)

CLI SNMP **API**

API Source Type	External API Servers
<input type="checkbox"/> HP	None
<input checked="" type="checkbox"/> PRTG API Plugin	PRTG API Plugin(PRTG)
<input type="checkbox"/> Solarwinds	Solarwinds(Solarwinds)

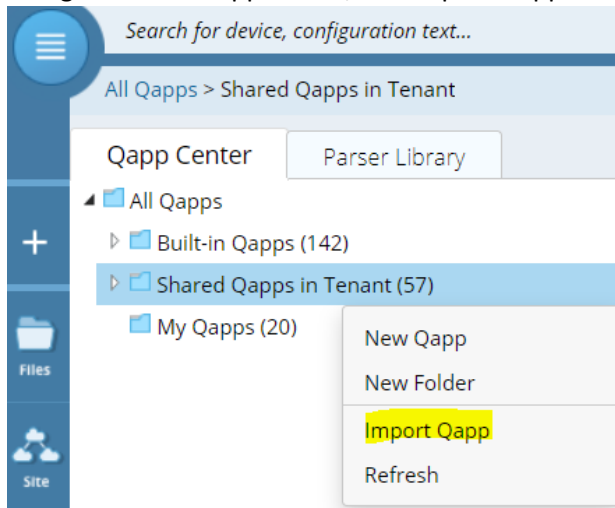
☒ Apply above Settings to device group: --All Devices--

Tune Cancel Submit

1. Right click on device and select "Shared Network Setting"
2. On "API" tab, select the API server (which you configured earlier) under the API plugin (which you configured earlier)
3. Apply above Settings to device group or all devices

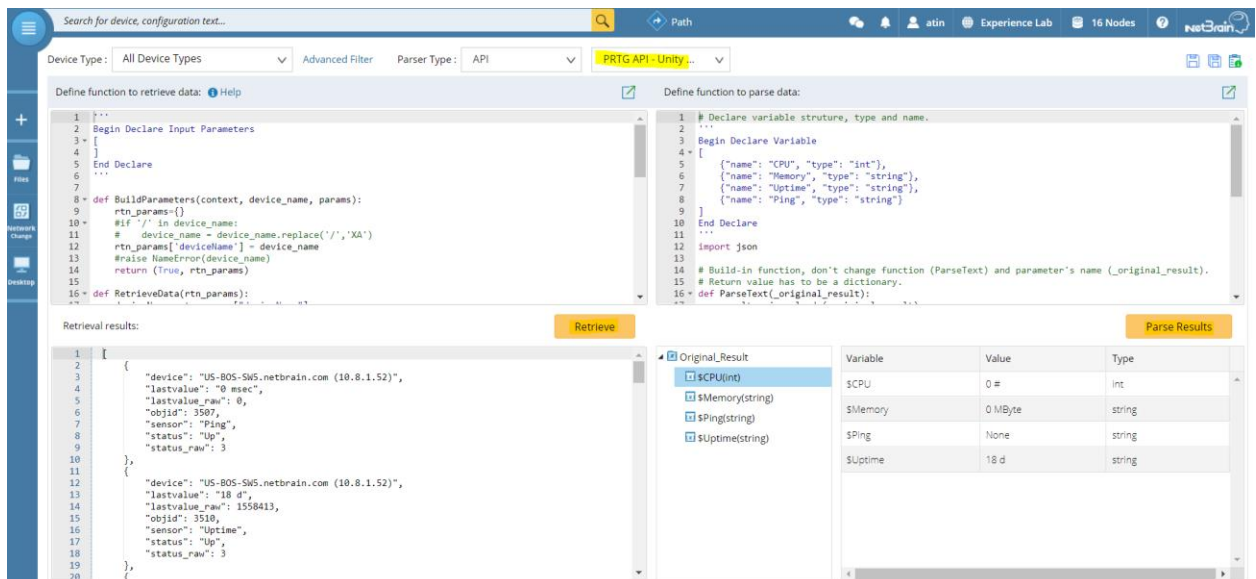
Step 2: Import API Qapp

1. Navigate to the Qapp center, and import Qapp using option below



Verifying API Parser

1. Navigate to the parser library
2. Open all parsers in following location
"All parsers/Shared Parsers in Tenant/<Qapp name>/<Parser name>"
3. In the highlighted dropdown, choose the plugin added by you earlier
4. Click Retrieve to see if data is retrieved
5. Click Save



Step 3: Execute Qapp

1. Click anywhere on your map, and choose "Run Qapp"

2. From the Qapp library, choose the PRTG Qapp
3. Choose the data source as "Pull live data once"
4. Click "Run"

The screenshot shows the configuration for the 'PRTG - GetOHM' Qapp. On the left, a workflow diagram shows a 'Start' node connected to the 'PRTG - GetOHM' action node. On the right, the configuration panel for 'PRTG - GetOHM' is displayed. The 'Data Source' is set to 'Pull live data once'. Below this, the 'Input' section shows a table for 'Threshold' with two rows, both for 'Alert1', with values 'down' and 'Down'. A 'Run' button is at the bottom right.

Alert Name	Threshold
Alert1	Contains down
Alert1	Contains Down

Contact Support

1. If the API parsers were successful to retrieve data but the Qapp execution fail, open a support case with the logs below.

The screenshot shows the results of the 'PRTG - GetOHM' Qapp execution. The workflow diagram on the left shows the 'PRTG - GetOHM' action node with a 'Result 1' label and a timestamp of '06/27/2019 03:59:27 PM'. On the right, the 'Output' section is expanded, showing a log of events. The log starts with '2 3:59:28 PM: Run Qapp on 0 device group(s), 0 site(s), 0 path(s), 9 de' and continues with a list of events for various devices and paths.

```
2 3:59:28 PM: Run Qapp on 0 device group(s), 0 site(s), 0 path(s), 9 de
3 3:59:28 PM: Run Qapp on 9 qualified devices
4 3:59:28 PM: "US-BOS-R2" is parsed by "PRTG GetOHM" per variable mapp
5 3:59:28 PM: "US-BOS-SW1" is parsed by "PRTG GetOHM" per variable mapp
6 3:59:28 PM: "US-BOS-R1" is parsed by "PRTG GetOHM" per variable mapp
7 3:59:28 PM: "US-BOS-FW/act" is parsed by "PRTG GetOHM" per variable n
8 3:59:28 PM: "US-BOS-SW4" is parsed by "PRTG GetOHM" per variable mapp
9 3:59:28 PM: "US-BOS-FW/stby" is parsed by "PRTG GetOHM" per variable
10 3:59:28 PM: "US-BOS-SW2" is parsed by "PRTG GetOHM" per variable map
11 3:59:28 PM: "US-BOS-SW3" is parsed by "PRTG GetOHM" per variable map
12 3:59:28 PM: "US-BOS-R2" is parsed by "PRTG GetData" per variable map
13 3:59:28 PM: "US-BOS-SW1" is parsed by "PRTG GetData" per variable me
14 3:59:28 PM: "US-BOS-FW/act" is parsed by "PRTG GetData" per variable
15 3:59:28 PM: "US-BOS-SW3" is parsed by "PRTG GetData" per variable me
16 3:59:28 PM: "US-BOS-SW4" is parsed by "PRTG GetData" per variable me
```