

Pre-deployment checklist

Use case: View PRTG data on NetBrain Map

Vendor: PRTG

Version: 7.1a

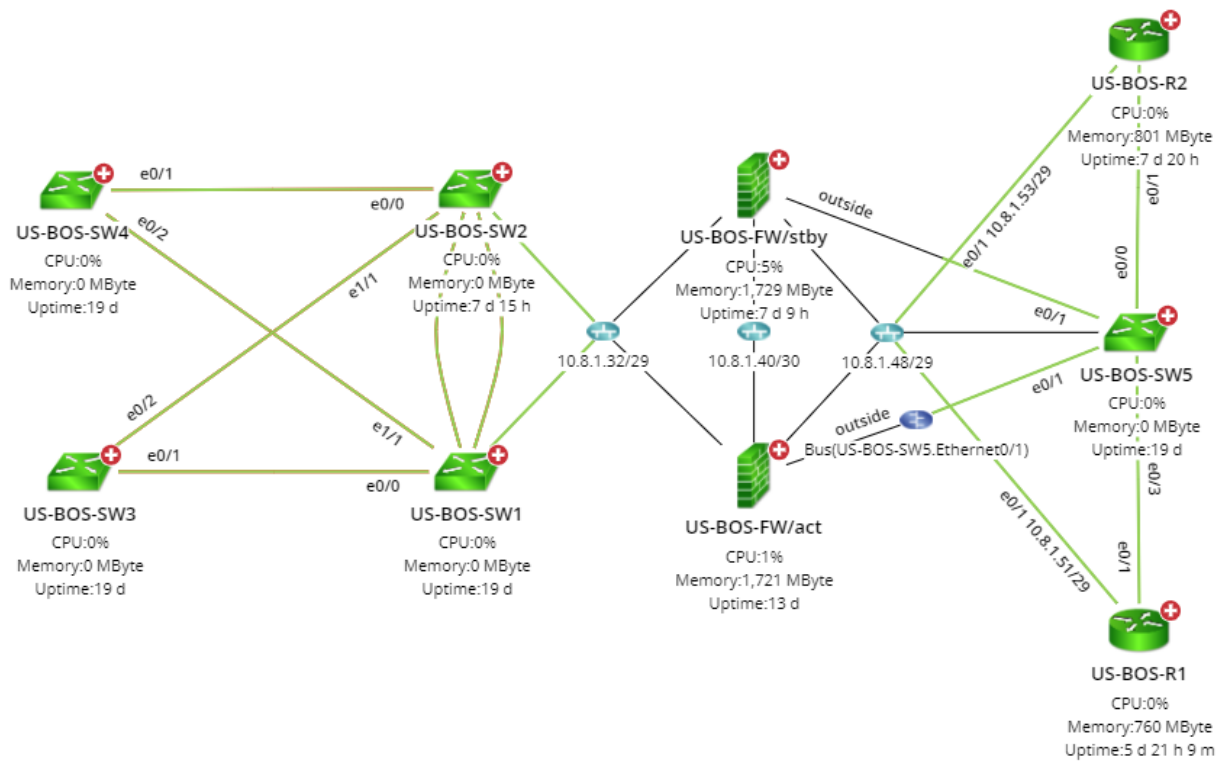
What does this use case deliver?

Data items on device level:

1. CPU Utilization %
2. Memory used
3. Uptime
4. Device Status

Data items on interface level:

1. Interface status
2. Interface traffic



Time needed to deploy this use case?

~3 hours

Requirement checklist

Check		Verified? (yes/no)
1	Connectivity check: Can PRTG server be pinged from NetBrain API server?	
2	API check: Please check "Check compatibility of PRTG API" section below	
3	Required on call: NetBrain admin credentials, PRTG login credentials	

Check compatibility of PRTG API

We need to check if PRTG API server returns data in the expected format.

1. Navigate to "PRTG HTTP API: XML Table Query Builder" at <http://<prtg-server>/api.htm?tabid=3>
2. This table query builder shows the JSON data returned from the API server.

XML Table Query Builder
Please choose from the available contents for tables

1

Table Content

sensortree: A tree-like structure of groups, devices and sensors
groups: List of all groups
devices: List of all devices
sensors: List of all sensors
values: List of most recent results of a sensor (sensor ID required)
channels: List of the channels of a sensor (sensor ID required)
reports: List of reports
storedreports: List of most recent PDF reports (report ID required)
tickets: List of most recent tickets

2

Table Type

xml: most suitable for further processing (recommended)
json: lightweight javascript object notation
xmldata: structured like an HTML table (easier to convert into a table)
csv: comma separated output
html: pure HTML

Comma delimited list of columns per record. Please see columnslist below for details

Columns
objid,probe,group,devi

Maximum number of items (default 500)
Count

Start with this entry number (can be used with "count" to request the data page-by-page)
Start

The table will only contain information for this object id and its child objects (all objects will be used if this parameter is omitted)

3

Object ID

Run query and preview output

Your Query URL

```
/api/table.json?content=channels&output=json&columns=name,lastvalue_&id=2120
```

Query Results

```
{ "prtg-version": "17.2.31.2018", "treesize": 0, "channels": [ { "name": "CPU Load", "lastvalue": "14 %", "lastvalue_raw": 14.0000 }, { "name": "Downtime", "lastvalue": "" } ] }
```

3. Edit number 1 and 3 based on the following table. Keep Highlight to “JSON”

Table Content (1)	Object ID (3)	Check
devices	<Blank>	Copy object ID of device.
sensors	Enter object ID of device	Check if sensor list contains “CPU”.

Appendix: Which data in PRTG are accessed?

We query the “sensor” table to get the status, last value and other information.

1. Table name: **sensor**
2. column parameters
"column":"objid,probe,group,device,sensor,status,message,lastvalue,priority,favorite"
3. filter by: **<device name>**