

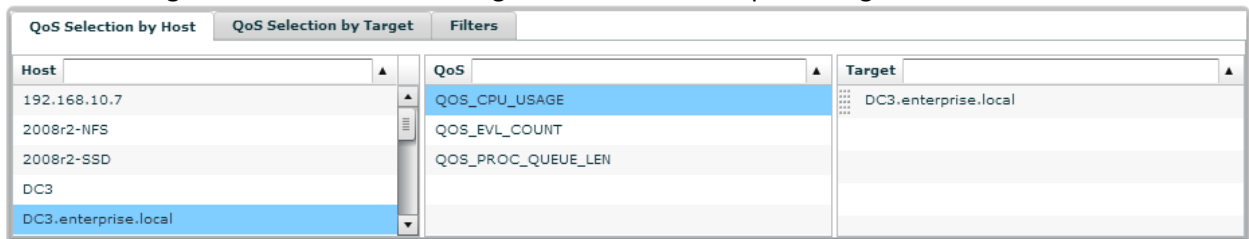
# How to Use the Web Services Connector to Publish Nimsoft Metrics in Executive Insight

## Prerequisites:

- Executive Insight 2.x Installed
- Nimsoft Monitor 7.x or 8.x Installed
- Nimsoft UMP Installed

## Steps:

1. Install the webservices REST probe onto the robot hosting the UMP.
2. Ensure access to the webservices as described in the Nimsoft Webservices Manual:  
[http://docs.nimsoft.com/prodhelp/en\\_US/Monitor/SDK/REST/Nimsoft%20RESTful%20Webservices%20Manual%20and%20Reference%20Guide\\_v2\\_11.pdf](http://docs.nimsoft.com/prodhelp/en_US/Monitor/SDK/REST/Nimsoft%20RESTful%20Webservices%20Manual%20and%20Reference%20Guide_v2_11.pdf)  
Or just typing **Error! Hyperlink reference not valid.** on a browser.
3. Identify the QOS metric (ex. QOS\_CPU\_USAGE), source and target you wish to display in Executive Insight. This can be found using the Performance Report Designer:



4. Configure a new webservice connector in Executive Insight
  - a. Name the Connector and the Request appropriately
  - b. The URL should be **Error! Hyperlink reference not valid.**
  - c. Set the Authentication Type to Basic and enter appropriate Nimsoft credentials.
  - d. Set the content type to application/xml.

## falne02-i124244 nimsoft webservice connector

Metrics

Details

Save

Delete

Information

Name: \*

falne02-i124244 nimsoft webservice connector

Description:

Configuration

Active Request:

CPU\_USAGE

Properties

Processing

Request Name: \*

CPU\_USAGE

Method: \*

GET

URL: \*

http://10.131.42.33/rest/qos/data/name/QOS\_CPU\_USAGE/videmo.ca.com/videmo.ca.c

Parameters:

[Add new parameter](#)

Authentication: \*

Basic

Username: \*

administrator

Password: \*

\*\*\*\*\*

☐ Preemptive

Content:

application/xml

Headers:

[Add new header](#)

☐ HTTP Proxy

Test

New

Clone

Delete

Response:

☒ Status ☐ Headers ☐ Body ☐ Result ☐ Request

No Request Initiated

- On the Processing Tab Enter “{<METRIC NAME>}” for the Metric Name (This is free form text and it will be the metric name displayed in EI dashboard).
- Set Metric Value to: /qos-data/data/samplevalue
- Set Metric Timestamp to: /qos-data/data/sampletime
- Set Date/Time Format to: yyyy-MM-dd'T'HH:mm:ss
- Set an appropriate refresh period (take into consideration the metric interval).
- Select the Result option and click Test. The results should be similar to image below.

## falne02-i124244 nimsoft webservice connector

Metrics

Details

Save

Delete

Configuration

Active Request:

CPU\_USAGE

Properties

Processing

Type:

Metric

Parser:

XML

Metric Name:

{videmo server CPU usage}

Metric Value:

/qos-data/data/samplevalue

Metric Timestamp:

/qos-data/data/sampletime

Date/Time Format:

yyyy-MM-dd'T'HH:mm:ss

Select a time format example as a starting point, and modify as necessary to match the format in the response. The time format must be in Java SimpleDateFormat style string, or one of the predefined constants.

Example time formats...

Polling Interval Minutes :

5

Data Interval Minutes:

5

Variables:

Add new variable

Test

New

Clone

Delete

Response:

Status

Headers

Body

Result

Request

Request Name: CPU\_USAGE

Expression: {videmo server CPU usage}

[videmo server CPU usage]

Expression: /qos-data/data/samplevalue

[26.0, 18.0, 11.0, 17.0, 16.0, 16.0, 18.0, 16.0, 17.0, 16.0, 16.0]

Expression: /qos-data/data/sampletime

[2014-12-03T22:35:27+05:30, 2014-12-03T22:40:27+05:30, 2014-12-03T22:45:28+05:30, 2014-12-03T22:50:28+05:30, 2014-12-03T22:55:26+05:30, 2014-12-03T23:00:28+05:30, 2014-12-03T23:05:27+05:30, 2014-12-03T23:10:28+05:30, 2014-12-03T23:15:26+05:30, 2014-12-03T23:20:27+05:30, 2014-12-03T23:25:28+05:30, 2014-12-03T23:30:26+05:30]

5. Save and enable the metric. After some minutes data will be visible in EI.

