

# External Bandwidth Collection Function

By default, the module collects bandwidth data from NOC-PS. If you are not using NOC-PS for bandwidth measurement, it is possible to include external sources into the module, for example a query via SNMP or via the API of your data center. The possibility of own measurement can be used parallel to the standard measurement via NOC-PS. So you can measure the bandwidth data from servers in datacenter A via NOC-PS and the bandwidth data from servers in datacenter B via your own integration.

Some details about the feature:

- Bandwidth details are collected every 24 hours and are triggered by the WHMCS daily cronjob.
- You must return the amount of used bandwidth in bytes.
- Only return the amount of used bandwidth within the last 24 hours.
- If no value is returned, or the value is not numeric, the module will query NOC-PS to get the bandwidth data.

The above details, and other information, are also available as comments in the customconfig.php file.

## How to integrate external bandwidth collectors

The function can be activated via customconfig.php, which can be found in the directory `"/modules/servers/dedicated/"`

- Navigate into the directory `/modules/servers/dedicated/`
- Open the file **customconfig.example.php** and copy the function `"nocpsforwhmcs_customBandwidthData"`. Also copy the `function_exists` check.
- Open the file **customconfig.php**, or create the file if it does not exist and insert the copied code.
- Modify the code to receive bandwidth datas.