

# opCharts Configuration

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## opCharts Configuration

The configuration options for opCharts are stored in a *text* file `/usr/local/omk/conf/opCommon.nmis`.

Configuration items that are not application specific are detailed on the opCommon [Configuration](#) page.

## Common Settings to Consider Adjusting

The items below are commonly changed by customers.

| Section  | Name                                      | Original Value   | Description   |
|----------|---|--|---|
| opcharts | opcharts_gui_refresh_time                 | 300  | The number of seconds after which the GUI will be refreshed.                |
| opcharts | opcharts_topn_properties                  |  | An array of the properties you wish displayed when viewing a node.          |
| opcharts | opcharts_gui_interface_summary_list       | ['Description','ifDescr','Hardware','ifSpeed','ifType','ipAdEntAddr1','ipAdEntNetMask1'] | An array of the properties you wish displayed when viewing a list of nodes. |
| opcharts | opcharts_node_selector_sections           |  | An array of items to use when selecting a node.                             |
| opcharts | opcharts_map_api_key                      |  | Your Google Maps API key.   |
| opcharts | opcharts_maps_geographical_start_location |  | The location to display by default on your Google Map.                      |

## Specific Configuration

The opCharts section of opCommon.nmis is for opCharts specific configuration items only.

| Section  | Name                               | Original Value                                 |  | Possible Values | Description   |
|----------|------------------------------------|--|--|-----------------|---|
| opcharts | <opcharts_map_icons>               | <omk_url_base>/icons                           |  | <relative url>  |   |
| opcharts | dashboard_template_dir             | <omk_templates>/resources/dashboards/templates |  | <relative url>  |   |
| opcharts | nmisx_cache_min_age_before_refresh | 60   |  | <integer>       |   |
| opcharts | nmisx_cache_time                   | 900  |  | <integer>       |   |
| opcharts | nmisx_db_cache_enable              | 0  |  | <integer>       |   |
| opcharts | nmisx_db_cache_node_health_sorting | 0  |  | <integer>       |   |
| opcharts | nmisx_live_long_ap                 | 0  |  | 0, 1            | turn this on to keep nmisx objects for a long time, could cause high memory usage |

|          |   |  |  |           |  |
|----------|---|--|--|-----------|--|
| opcharts | nmisx_subnet_cache_time                         | 300  |  | <integer> |  |
| opcharts | nmisx_timing                                    | 0  |  | <integer> |  |
| opcharts | opcharts_batch_insert_size                      | 256  |  | <integer> |  |
| opcharts | opcharts_custom_map_icons                       |  |  |           |  |
| opcharts | opcharts_db_name                                | opcharts   |  |           |  |
| opcharts | opcharts_default_map_icon                       | toaster  |  |           |  |
| opcharts | opcharts_gui_business_service_show_pagesize     | 0  |  | 0, 1      | Change to 1 for pagesize select in business services |
| opcharts | opcharts_gui_chart_bulk_request                 | 1  |  | <integer> |  |
| opcharts | opcharts_gui_default_chart_x                    | 1  |  | <integer> |  |
| opcharts | opcharts_gui_default_chart_y                    | 1  |  | <integer> |  |
| opcharts | opcharts_gui_default_chart_y_few_charts         | 2  |  | <integer> |  |
| opcharts | opcharts_gui_default_decimals                   | 2  |  | <integer> |  |
| opcharts | opcharts_gui_full_size_y                        | 3  |  | <integer> |  |
| opcharts | opcharts_gui_graph_max_entries_in_tooltip       | 5  |  | <integer> |  |
| opcharts | opcharts_gui_interface_summary_list             | ['Description','IfDescr','Hardware','IfSpeed','IfType','ipAdEntAddr1','ipAdEntNetMask1'] |  |           |  |
| opcharts | opcharts_gui_max_nodes_in_auto_map              | 200  |  | <integer> |  |
| opcharts | opcharts_gui_max_connections_in_expanded_subnet | 5  |  | <integer> |  |

|          |   |   |  |                   |  |
|----------|---|---|--|-------------------|--|
| opcharts | opcharts<br>_gui_max_num_<br>vertical_<br>graphs                  | 5   |  | <integer>         |  |
| opcharts | opcharts<br>_gui_node_list_v<br>iew_type                          | table   |  | table, panel      |  |
| opcharts | opcharts<br>_gui_node_pane<br>l_display                           | kpi   |  |                   |  |
| opcharts | opcharts<br>_gui_node_sear<br>ch_remo<br>te_cach<br>e_timeo<br>ut | 10  |  | <integer>         |  |
| opcharts | opcharts<br>_gui_per<br>iod_valu<br>es                            | ["8h","12h","1d","2d","5d","7d","14d","30d","60d","90d","180d"] |  |                   |  |
| opcharts | opcharts<br>_gui_per<br>iod_valu<br>es_hd                         | ["15m","30m","1h","2h","4h"]                                    |  |                   |  |
| opcharts | opcharts<br>_gui_refr<br>esh_time                                 | 300   |  | <integer>         |  |
| opcharts | opcharts<br>_interfac<br>e_graph<br>_default<br>_poller           | Interface Utilisation - High Speed                              |  |                   |  |
| opcharts | opcharts<br>_map_a<br>pi_key                                      |   |  |                   |  |
| opcharts | opcharts<br>_map_b<br>ackgrou<br>nd_dir                           | <omk_url_base>/maps_background_dir                              |  | <relative<br>url> |  |
| opcharts | opcharts<br>_map_li<br>nk_color<br>_down                          | #FF0000   |  |                   |  |
| opcharts | opcharts<br>_map_li<br>nk_color<br>_error                         | #d9534f   |  |                   |  |
| opcharts | opcharts<br>_map_li<br>nk_color<br>_normal                        | #ffd700   |  |                   |  |
| opcharts | opcharts<br>_map_li<br>nk_color<br>_ok                            | #59cf59   |  |                   |  |
| opcharts | opcharts<br>_map_li<br>nk_color<br>_uk                            | #999  |  |                   |  |
| opcharts | opcharts<br>_map_li<br>nk_color<br>_up                            | #00FF00   |  |                   |  |
| opcharts | opcharts<br>_map_li<br>nk_color<br>_warn                          | #ffa500   |  |                   |  |

|          |  |   |  |             |   |
|----------|--|---|--|-------------|---|
| opcharts | opcharts_maps_geographical_clustering        | 1   |  | <integer>   |   |
| opcharts | opcharts_maps_geographical_start_location    | [-27.999707,153.404933]   |  |             |   |
| opcharts | opcharts_max_dataset_width                   | 1008  |  | <integer>   | To make things nice, this should divide by the resolution |
| opcharts | opcharts_max_resource_lock_seconds           | 86400   |  | <integer>   |   |
| opcharts | opcharts_monitored_service_selector_sections |   |  |             | See Documentation   |
| opcharts | opcharts_node_list_cols_per_page             | 4   |  | <integer>   |   |
| opcharts | opcharts_node_list_export_tocsv              | [ <a href="#">"info.system.name"</a> , <a href="#">"info.system.active"</a> , <a href="#">"info.system.cbqos"</a> , <a href="#">"info.system.collect"</a> , <a href="#">"info.system.customer"</a> , <a href="#">"info.system.group"</a> , <a href="#">"info.system.host"</a> , <a href="#">"info.system.intfCollect"</a> , <a href="#">"info.system.ifNumber"</a> , <a href="#">"info.system.location"</a> , <a href="#">"info.system.model"</a> , <a href="#">"info.system.nodeModel"</a> , <a href="#">"info.system.nodeType"</a> , <a href="#">"info.system.nodestatus"</a> , <a href="#">"info.system.nodeVendor"</a> , <a href="#">"info.system.notes"</a> , <a href="#">"info.system.ping"</a> , <a href="#">"info.system.roleType"</a> , <a href="#">"info.system.rttMonApplResponder"</a> , <a href="#">"info.system.serialNum"</a> , <a href="#">"info.system.server"</a> , <a href="#">"info.system.softwareImage"</a> , <a href="#">"info.system.softwareVersion"</a> , <a href="#">"info.system.sysContact"</a> , <a href="#">"info.system.sysLocation"</a> , <a href="#">"info.system.sysObjectName"</a> , <a href="#">"info.system.sysName"</a> , <a href="#">"info.system.sysUpTime"</a> .] |  |             |   |
| opcharts | opcharts_node_list_rows_per_page             | 3   |  | <integer>   |   |
| opcharts | opcharts_node_selector_sections              |   |  |             | See Documentation   |
| opcharts | opcharts_node_selector_show_more_at          | 6   |  | <integer>   |   |
| opcharts | opcharts_node_selector_num_log_lines         | 250   |  | <integer>   |   |
| opcharts | opcharts_open_slaves_in_new_window           | false   |  | true, false |   |
| opcharts | opcharts_redirect_slaves_to_nmis             | false   |  | true, false |   |
| opcharts | opcharts_topn_include_sparklines             | 1   |  | <integer>   |   |
| opcharts | opcharts_topn_max_updated_diff               | 900   |  | <integer>   |   |

|          |                                 |  |  |                |   |
|----------|---------------------------------|--|--|----------------|---|
| opcharts | opcharts_topn_properties        |  |  |                | See Documentation   |
| opcharts | opcharts_topn_time_between_runs | 299  |  | <integer>      |   |
| opcharts | opcharts_upload_dir             | <omk_public>/omk/uploads                               |  | <relative url> |   |
| opcharts | opcharts_upload_url             | <omk_url_base>/uploads                                 |  | <relative url> |   |
| opcharts | opcharts_d_check_rate           | 30   |  | <integer>      | seconds, how often to check for new jobs                    |
| opcharts | opcharts_d_max_processes        | 10   |  | <integer>      | max allowed number of concurrent opchartsd worker processes |
| opcharts | opcharts_d_pid                  | /var/run/opchartsd.pid                                 |  | <filepath>     |   |
| opcharts | opcharts_d_update_rate          | 1  |  | <integer>      | seconds, how often to wake up for job scheduling            |
| opcharts | upload_allowed_types            | ['image/gif','image/jpeg','image/png','image/svg+xml'] |  |                |   |