

# opConfig 4 release notes

## Product Compatibility

Refer to [product compatibility](#) to determine supported Operating Systems and Database Versions.

Download opConfig here - <https://opmantek.com/network-management-download/opconfig-download/>

- [Product Compatibility](#)
- [opConfig 4.5.6](#)
- [opConfig 4.5.5](#)
- [opConfig 4.5.4](#)
- [opConfig 4.5.3](#)
  - [Improvements](#)
  - [Bug Fixes](#)
- [opConfig 4.5.2](#)
  - [Improvements](#)
  - [Bug Fixes](#)
- [opConfig 4.5.1](#)
  - [Improvements](#)
- [opConfig 4.5.0](#)
  - [Improvements](#)
- [opConfig 4.4.2](#)
- [opConfig 4.4.1](#)
- [opConfig 4.3.2](#)
- [opConfig 4.3.1](#)
- [opConfig 4.3.0](#)
- [opConfig 4.2.7](#)
- [opConfig 4.2.6](#)
- [opConfig 4.2.5](#)
- [opConfig 4.2.4](#)
- [opConfig 4.2.3-1](#)
  - [Bug Fix](#)
- [opConfig 4.2.3](#)
  - [Features](#)
  - [Bug Fixes](#)
- [opConfig 4.2.2](#)
  - [Bug Fixes](#)
- [opConfig 4.2.1](#)
  - [Features](#)
  - [BugFixes](#)
- [opConfig 4.2.0](#)
- [opConfig 4.1.1](#)
- [opConfig 4.1.0](#)
- [opConfig 4.0.0](#)

## opConfig 4.5.6

**RELEASED** 20th May 2024

- Fixed an issue with [Purging Policy](#) being non-deterministic.  
To address this, a more deterministic approach is applied, where purging rules are explicitly defined and applied based on the command set names or other relevant criteria, ensuring consistent and predictable data retention and deletion.
- Fixed an issue where the Compare Revision screen displayed an error message even when no node is selected for revision comparison.

## opConfig 4.5.5

**RELEASED** 25th March 2024

- Fixed issue connecting to certain devices over ssh.
- Fixed issue when adding connection arguments in Node Admin.
- New opconfig-cli action, act=create\_compliance\_report. An action to generate compliance report which show compliant vs non-compliant policies.
- Report generates the summary of all the compliance policies run against the given node (if no node is given we get data for all active nodes).
- Report take policy rule name, extract all the rules run against the node and does a value mapping, if it passed or failed.

## opConfig 4.5.4

RELEASED

30 January 2024

- Added support for Debian 11 to the installer

## opConfig 4.5.3

RELEASED

21 November 2023

- New release with Improvements and bug-fixes.

### Improvements

- New opconfig-cli action, `act=refresh_os_info`. An action to refresh the opConfig OS Info for a node.
- Improved node configuration detection. See [opConfig 4 User Manual#RelatedConfigurationforChangeNotification](#)
- Improved Virtual Operator and Changes Overview dashboard's for consistency
- Minor template formatting improvements in opconfig GUI

### Bug Fixes

- Fixed OS Summary links in opConfig dashboard not showing correct results
- Fixed OS Summary not filtering out Operating System records

## opConfig 4.5.2

RELEASED

30 August 2023

New release with improvements and bug-fixes.

### Improvements

- When the compliance system generates an exception it generates an event.
- Added option `print_command_output=true` for opConfig CLI config command sets.
- Automatically apply OS detection. For example, if we know a node is Linux, run some commands to determine if it is Debian, Ubuntu, CentOS, etc.

### Bug Fixes

- Fix deleting an entry in a Command Set would reappear after saving.
- Fix Command change detection so that opConfig raises an event with title "Node Configuration Change Detected".
- Fix adding schedule for Config Set from Schedule Configuration Changes screen, it now creates a schedule.
- Fix pre and post commands disappearing when a Config Set is saved.
- Fix Command Output screen where the 'Run Command Now' button didn't work when screen width was reduced.

## opConfig 4.5.1

RELEASED

02 January 2023

New release with improvements and bug-fixes.

### Improvements

- Bug fix for events raised using command-sets with opConfig.
- opConfig CLI improvements to add print command output for action `push_configset`.
- Bug fixes for test connections.
- Bug fix for search options.

## opConfig 4.5.0

RELEASED

23 November 2022

Big release with an upgraded GUI framework to deliver accessibility enhancements and dark mode.

### Improvements

- This release includes improved [Accessibility](#) options, including support for [Dark Mode](#). We have taken the opportunity while we tidied up the screens to change Opmantek to FirstWave. These are new features that are backward compatible with earlier releases.

## opConfig 4.4.2

18th August 2022

Support for MongoDB 4.2 please see [Upgrading to MongoDB 4.2](#)

## opConfig 4.4.1

4th August 2022

This was an internal release

## opConfig 4.3.2

8th March 2022

- Improved mongodb index for command sets.
- Improved the "Help screen" for Command Sets and Config Sets
- Added the "Discover OS Info", "Discover Connection Details" and "Test Connection" buttons for nodes in opAdmin
- New [CRUD API for credential sets](#).
- New [CLI API for credential sets](#).
- Improved main dashboard load times.
- Fix to protect a command.
- New parameter to increase the time out for a plugin per command set:  
`interaction_timeout`

## opConfig 4.3.1

16 Dec 2021

- Fix issue where using opConfig in classic auth node would show nodes you shouldn't have access to.
- Fix issue where virtual operator would break in classic auth mode.
- Fix issue where scheduling jobs would save the time using the browsers timezone not the servers
- New improvement with a new parameter, **compare\_to\_previous\_revision**, for config sets to avoid compare revisions. This parameter is specially helpful when the are big files to compare and the config sets are taking a really long time:

```
"commands" : [
  {
    "privileged" : "true",
    "multipage" : "true",
    "compare_to_previous_revision" : "false",
    "use_processing_plugins" : [
      ""
    ],
    "report_level_min_changes" : null,
    "active" : "true",
    "tags" : [
      "application",
      "troubleshooting"
    ],
    "use_collection_plugin" : "",
    "command" : "scp my/file"
  },
]
```

## opConfig 4.3.0

1 Dec 2021

RELEASED

- Updated core dependencies

- Cookies now support samesite strict, see [Security Configurations](#)
- Fixed issue in checkdaemons.sh with stopping mongod

## opConfig 4.2.7

26 Oct 2021

RELEASED

This release includes:

- **Spanish translations.**

## opConfig 4.2.6

21 Sept 2021

RELEASED

This release includes the following new features:

- **New GUI for editing Config Sets.** More information in the [following link](#).
- **Config set parameters supported:** It is possible to add parameters to a config set. [More information](#).
- Run **Virtual operator jobs** with groups of nodes:

The screenshot shows a 'Select Scope' dialog box. It has a header 'Select Scope' and a list of sections: 'Refine Node', 'Nodes by Group', 'Command Sets', and 'Tags'. The 'Refine Node' section has a dropdown menu with 'by Group' selected and a question mark icon. The 'Nodes by Group' section has a list of nodes: 'Charlotte', 'Core\_Network', 'Broken', and 'DataCenter', with a question mark icon. The 'Command Sets' and 'Tags' sections have empty input fields and question mark icons.

- Now is possible to use [phrasebook macros in Command Sets](#).
- **GUI improvements.**

## opConfig 4.2.5

10 Aug 2021

RELEASED

Bug fixes

- Fixed issue where editing a node in opConfig would overwrite the nodes configuration
- Test connection error now shows the current error state and if the node name cannot be found it will use the nodes uuid
- Installer now changes the config option opconfig\_default\_period from 8d to 2d

## opConfig 4.2.4

RELEASED

30 Jul 2021

This release includes:

- **Security updates.** More information in the [following link](#).
- **Migration script utility:** To migrate the [connection info and OS info node data](#) when upgrading from opConfig 3.

# opConfig 4.2.3-1

RELEASED

29 Jul 2021

## Bug Fix

- Fixes an issue in `./omk/conf/opCommon.json` and `./omk/install/opCommon.json` by changing the following entry:
  - `"omk_show_getting_started_widgets" : true`  
becomes  
`"omk_show_getting_started_widgets" : "true"`

# opConfig 4.2.3

RELEASED

13 Jul 2021

## Features

- opConfig installer checks and sets `opconfig_raise_alert_events` and `opconfig_raise_change_events`.
- Added security content header. This is affecting all the products. The content security policy can be overwritten using the configuration item `"security_content_policy"`.
- Removed cron line with action `import_audit`.
- Added ALX phrasebook.

## Bug Fixes

- Connection errors are not saved as command revisions.
- Command collection was not run if no nodes were specified. This may prevent some cron tasks to run. Now, If no nodes are specified, the command will run for all nodes.
- Considered just local nodes for license check.
- Fixed "Can't call method node on an undefined value" error in some command outputs.
- Now it is possible to install opConfig on an alternative path using `-t`.
- Connect options was not working.

# opConfig 4.2.2

RELEASED

25 May 2021

## Bug Fixes

- Fixed issue in opConfig where a large amount MongoDB connections were created and retained.

# opConfig 4.2.1

RELEASED

3 Dec 2020.

## Features

- Command Set Parameters
  - opConfig now supports parameterized command sets. Eg: `ping $ipaddress`
  - Parameters can be passed in via the command line. Eg `parameters.x`
  - When creating a new Virtual Operator Job, if you have selected a command set which has parameters, the form will then display "Next" and the second screen will ask you to provide parameters
  - Parameters can also be passed in through derived data
  - Parameters currently have two data types, "string" and "ipaddress"
    - `ipaddress` is just used for front end validation, the cli does no validation
  - `parameters_required => "true"` can be set. If the parameters from the cli or gui have not been passed in, opConfig will not run the command
  - Parameters get defined by a top level key and are an array of objects with two keys: parameter and type

```
"parameters" : [
  {
    "parameter" : "id",
    "type" : "String"
  },
  {
    "type" : "String",
    "parameter" : "name"
  }
],
```

- Command Set Editor under "System" > "Manage Command Sets"
  - You can delete, update and create new command sets through a visual GUI
  - Only command sets under conf/command\_sets.d/ can be modified.
- Derived Data has new types of table columns to display related jobs or create new virtual operator jobs from. [Plugins in opConfig#NewDerivedInformationElementsinopConfig4.2.1](#)
- Conditions has new types of table columns to display tags, urls and tooltips, More details can be found here [Plugins in opConfig#NewReportConditionElementsinopConfig4.2.1](#)
- New top level key, "active" can be set to "true"/"false" if false the command set wont be loaded
- New key for commands "active" can be set to "true"/"false" if false the command from that set wont be loaded, other commands set to true will be loaded as part of the set.

## BugFixes

- Fixed issue where opConfig would report duplicate command sets.
- Fixed Issue where the trouble shooting button would always display.
- Fixed issue with logging at debug levels not requested in opconfig-cli
- Fixed issue where opcharts-cli would not honor different debug levels

## opConfig 4.2.0

RELEASED 30 Sep 2020.

### Upgrade Notes

The new upcoming release of opConfig 4 will work on Opmantek's latest and fastest platform, however, the currently installed products are incompatible with this upgrade.

To find out more about this upgrade please read: [Upgrading FirstWave Applications](#)

## opConfig 4.1.1

RELEASED 30th Jul 2020

- **Remote Nodes:** Now is possible to work with remote nodes as they were local nodes. They can be also edited, and the changes will be saved in the remote server. Please refer to the [opConfig user manual](#) for further information.

## opConfig 4.1.0

RELEASED 24th Jun 2020

- **JSON Configuration files:** The .nmis configuration files will be replaced by [.json files](#).
- New License 2.0 structure used.
- **Important notice:** Due to the JSON configuration files upgrade, when updating to this version, upgrade all OMK Products installed will be required (Not NMIS) to at least X.1. version. It also requires a License update due to the new license structure.

## opConfig 4.0.0

RELEASED 27th May 2020

- opConfig version compatible with NMIS 9.