

# vRealize Operations Manager OPS-CLI Help

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vRealize Operations Manager 7.5



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# OPS-CLI Command-Line Tool

The OPS-CLI tool is a Java application that you can use to manipulate the vRealize Operations Manager database. It replaces the VCOPS-CLI and DBCLI tools.

The product includes the executable file in the tools directory or in `<VCOPS_BASE>/tools/opsccli/`.

Operating System	Filename
Linux	<code>ops-cli.sh</code>
Python	<code>ops-cli.py</code>

All OPS-CLI commands use the `-h` parameter for interactive and localized help.

When you add the `control` command to the `post_install.sh` script, it triggers the `redescribe` process after an adapter is installed or upgraded.

```
control -h | redescribe --force
```

## Related Command-Line Documentation

In addition to the OPS-CLI, the VMware PowerCLI provides an easy-to-use Windows PowerShell interface for command-line access to administration tasks or for creating executable scripts.

## Supported Operations

The OPS-CLI tool supports the following database operations.

This chapter includes the following topics:

- [dashboard Command Operations](#)
- [template Command Operations](#)
- [supermetric Command Operations](#)
- [attribute Command Operations](#)
- [reskind Command Operations for Object Types](#)
- [report Command Operations](#)
- [view Command Operations](#)

- file Command Operations

## dashboard Command Operations

You use the `dashboard` command to import, export, share, unshare, delete, reorder, show, hide, and set the default summary for dashboards.

The `dashboard` command uses the following syntax.

```
dashboard -h | import|defsummary|export|share|unshare|delete|reorder|show|hide [parameters]
```

**Table 1-1. dashboard Command Options**

Command Name	Description	Syntax
dashboard import	Import a dashboard from a file and assign the ownership to a user account.	<code>dashboard import -h   user-name all group:group_name input-file [--force] [--share all group-name[,{group-name}]] [--retry maxRetryMinutes] [--set rank] [--default] [--create]</code>
dashboard export	Export an existing dashboard to a file.	<code>dashboard export -h   user-name dashboard-name [output-dir]</code>
dashboard defsummary	Import a dashboard from a file and assign the ownership to a user account.	<code>dashboard defsummary -h   input-file default --adapterKind adapterKind --resourceKind resourceKind</code>
dashboard share	Share an existing dashboard with one or multiple user groups.	<code>dashboard share -h   user-name dashboard-name all group-name[,{group-name}]</code>
dashboard unshare	Stop sharing a dashboard with specified groups.	<code>dashboard unshare -h   user-name dashboard-name all group-name[,{group-name}]</code>
dashboard delete	Permanently delete a dashboard.	<code>dashboard delete -h   user-name all group:group_name dashboard-name</code>
dashboard reorder	Set the order rank for a dashboard, with an option to make it the default.	<code>dashboard reorder -h   user-name all group:group_name dashboard-name [--set rank] [--default]</code>
dashboard show	Show a dashboard.	<code>dashboard show -h   user-name all group:group_name {,dashbaordname} all</code>
dashboard hide	Hide a dashboard.	<code>dashboard hide -h   user-name all group:group_name {,dashboardname} all</code>

## template Command Operations

You use the `template` command to import, export, share, unshare, delete, and reorder templates.

The `template` command uses the following syntax.

```
template -h | import|export|share|unshare|delete|reorder [parameters]
```

**Table 1-2. template Command Operations**

Command Name	Description	Syntax
template import	Import a template from a file.	<code>template import -h   input-file [--force] [--share all group-name[,{group-name}]] [--retry maxRetryMinutes] [--set rank] [--create]</code>
template export	Export an existing template to a template file.	<code>template export -h   template-name [output-dir]</code>
template share	Share an existing template with one or multiple user groups.	<code>template share -h   template-name all group-name[,{group-name}]</code>
template unshare	Stop sharing a template with specified groups.	<code>template unshare -h   template-name all group-name[,{group-name}]</code>
template delete	Permanently delete a template.	<code>template delete -h   template-name</code>
template reorder	Set the order rank for a template. The order rank controls the order of templates created based on shared templates.	<code>template reorder -h   template-name [--set rank]</code>

## supermetric Command Operations

You use the `supermetric` command to import, export, configure, and delete super metrics.

The `supermetric` command uses the following syntax.

```
supermetric -h | import|export|configure|delete [parameters]
```

**Table 1-3. supermetric Command Operations**

Command Name	Description	Syntax
supermetric import	Import a super metric from a file and assign the ownership to the specific user account.	<pre>supermetric import -h   input-file                         [--force] [--policies all policy-                         name[{{,policy-name}}]                         [--check (true false)] [--retry                         maxRetryMinutes] [--create]</pre>
supermetric export	Export an existing super metric to a template file.	<pre>supermetric export -h   supermetric-name [output-dir]</pre>
supermetric configures	Configure properties of a super metric in one or more super metrics packages.	<pre>supermetric configure -h   supermetric-name                         --policies all policy-                         name[{{,policy-name}}]                         --check (true false) --ht (true                          false) --htcriticality level-name                         --dtabove (true false) --                         dtbelow (true false)                         --thresholds threshold-                         def[{{,threshold-def}]</pre>
supermetric delete	Permanently delete a super metric.	<pre>supermetric delete -h   supermetric-name</pre>

## attribute Command Operations

You use the `attribute` command to configure properties of a specific metric in one or more packages. The metric is the object attribute.

The `attribute` command uses the following syntax.

```
attribute configure -h | adapterkind-key:resourcekind-key attribute-key
                        --packages all|package-name[{{,package-name}}] --check (true|false)
                        --ht (true|false) --htcriticality level-name
                        --dtabove (true|false) --dtbelow (true|false)
                        --thresholds threshold-def[{{,threshold-def}]
```

## reskind Command Operations for Object Types

You use the `reskind` command to configure the default settings in your object type as defined by the `ResourceKind` model element. The command sets the default attribute or supermetric package, enables or disables dynamic thresholds, and enables or disables early warning smart alerts.

The `reskind` command uses the following syntax.

```
reskind configure -h | adapterkind-key:resourcekind-key
                        --package package-name --smpackage smpackagename
                        --dt (true|false) --smartalert (true|false)
```

## report Command Operations

You use the `report` command to import, export, configure, and delete report definitions.

The `report` command uses the following syntax.

```
report -h | import|export|delete [parameters]
```

**Table 1-4. report Command Options**

Command Name	Description	Syntax
report import	Import a report definition from a file.	report import -h   input-file [--force]
report export	Export one or more report definitions to a file.	report export -h   all report-name[,{,report-name}] [output-dir]
report delete	Permanently delete one or more report definitions.	report delete -h   all report-name[,{,report-name}]

## view Command Operations

You use the `view` command to import, export, or delete view definitions.

The `view` command uses the following syntax.

```
view -h | import|export|delete [parameters]
```

**Table 1-5. view Command Operations**

Command Name	Description	Syntax
view import	Import a view definition from a file.	view import -h   input-file [--force]
view export	Export one or more view definitions to a file.	view export -h   all view-name[,{,view-name}] [output-dir]
view delete	Permanently delete one or more view definitions.	view delete -h   all view-name[,{,view-name}]

## file Command Operations

You use the `file` command to import, export, list, or delete database files. The command operates on metric, text widget, and topology widget files.

The file command uses the following syntax.

```
file -h | import|export|delete|list [parameters]
```

**Table 1-6. file Command Operations**

Command Name	Description	Syntax
file import	Import a metric or widget from a file.	<pre>file import -h   reskndmetric textwidget  topowidget                 input-file [--title title] [--force]</pre>
file export	Export one or more metrics or text widgets, or export the topology widget to a file.	<pre>file export -h   reskndmetric textwidget  topowidget                 all title[,{,title}] [output-dir]</pre>
file delete	Permanently delete a metric or a widget.	<pre>file delete -h   reskndmetric textwidget  topowidget                 all title[,{,title}]</pre>
file list	List all metric or a widget files.	<pre>file list -h   reskndmetric textwidget  topowidget</pre>