

vRealize Operations Manager OPS-CLI Help

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vRealize Operations Manager 7.0



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VMware, Inc.
3401 Hillview Ave.
Palo Alto, CA 94304
www.vmware.com

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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/opscli/`.

Operating System	Filename
Linux	ops-cli.sh
Python	ops-cli.py

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. Documentation for all VMware PowerCLI versions is available from [VMware PowerCLI](#).

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

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 super metrics.

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>