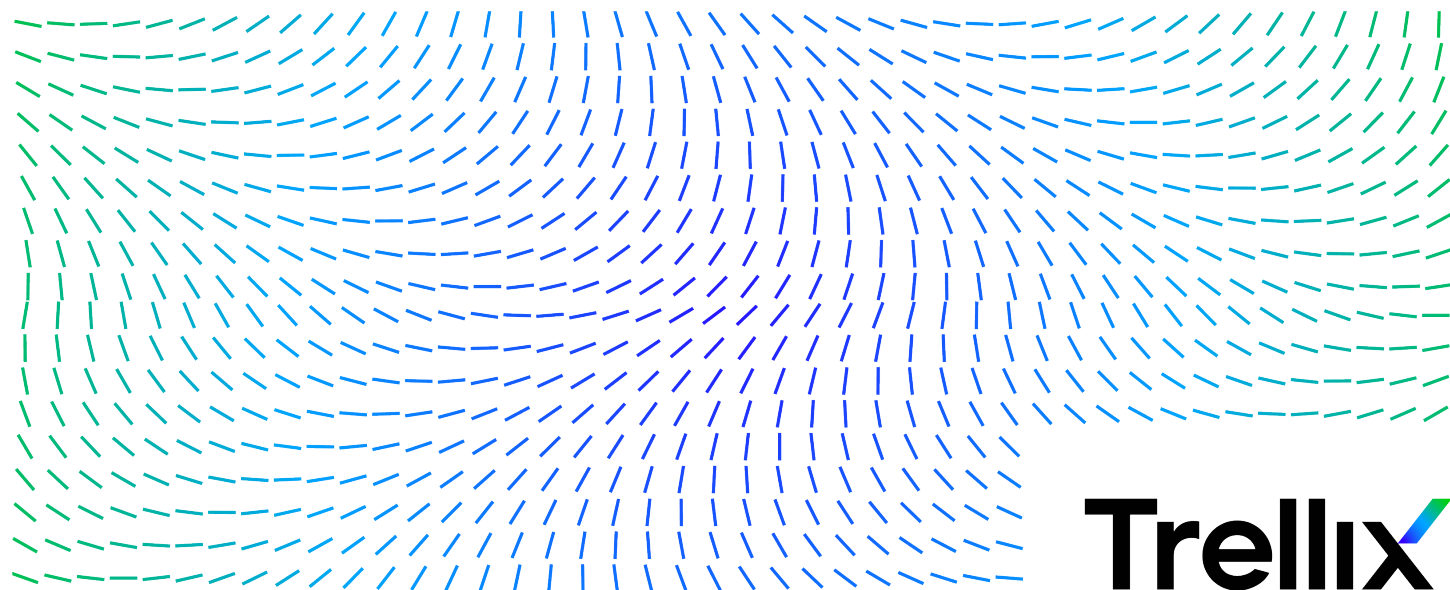


# Trellix MOVE AntiVirus 4.10.x Server Command Line Interface Reference Guide



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# Server command line interface

You can access the command line interface (CLI) on the SVM virtual machine to perform basic maintenance tasks.

The CLI is a series of commands that you can issue to the `mvadm` utility. Each command has arguments and parameters that can be added to the command to change the command's behavior. This reference lists each command in `mvadm`, and all argument variations.

## Access the CLI

During installation, a shortcut to the command line interface (CLI) for the SVM is added to the Windows Start menu.

### Task

From the Start menu, select Programs → McAfee → MOVE AV Server Command Prompt.

#### Note

Make sure you run this command as an administrator.

### Results

#### Note

At this command prompt, you can type commands to perform administration tasks on the SVM.

If you cannot find the shortcut to the Server CLI, then launch Command Prompt with administrative privileges and execute the commands for administrative tasks.

### cache

Perform operations on the SVM scan cache.

```
mvadm cache save cfilename
```

```
mvadm cache load cfilename
```

```
mvadm cache list
```

```
mvadm cache flush
```

```
mvadm cache info
```

Arguments	Description
<code>save cfilename</code>	Save the current set of checksums from the trusted checksum cache to the file <code>cfilename</code> .
<code>load cfilename</code>	Load the checksums from file <code>cfilename</code> to the trusted checksum cache.
<code>list</code>	List the checksums available in the trusted checksum cache.
<code>flush</code>	Remove all checksums from the trusted checksum cache.
<code>info</code>	Print details of the trusted checksum cache.

## config

Display and edit the configuration settings that are applied to the current installation.

```
mvadm config set NAME=VALUE
```

```
mvadm config show
```

Arguments	Description
<code>set NAME=VALUE</code>	Sets the value of the configuration argument <b>NAME</b> to <b>VALUE</b> .
<code>show</code>	Lists the configuration settings.

Parameters	Value	Description
<b>ComputeChecksum</b>	0 (server) or 1 (client). Default = 1.	Determines whether to use the server-computed checksum of the file or the checksum sent by the Trellix MOVE AntiVirus client.
<b>ConnTimeout</b>	A positive integer value. Default = 0 (no timeout).	Sets the connection timeout in milliseconds.
<b>GTILevel</b>	Between 0 (disabled) and 5 (Very High). Default = 1 (Very Low).	Sets the Global Threat Intelligence level.
<b>IntegrityEnabled</b>	0 (off) or 1 (on). Default = 1.	Enables or disables the Self-Protection feature.
<b>LogFileNum</b>	A positive integer value. Default = 4.	Limits the number of log files allowed before they are overwritten.
<b>LogFileSize</b>	An integer greater than 1024. Default = 2048.	Limits the size (in KB) of an individual log file.
<b>MaxCacheItems</b>	A positive integer value. Default = 1,000,000.	Limits the number of items that can exist in the cache.
<b>NumThreads</b>	Between 0 and 500. Default = 300.	Limits the number of available scan request threads.
<b>ScanArchiveFiles</b>	0 (off) or 1 (on). Default = 0.	Enables or disables scanning inside archive files.
<b>ScanPUPS</b>	0 (off) or 1 (on). Default = 0.	Enables or disables checking for potentially unwanted programs (PUPs). Scan behavior is determined by VirusScan Enterprise settings.

Parameters	Value	Description
<code>ServerPort1</code>	Between 1024 and 65535. Default = 9053.	Determines the port where the server listens for client requests.
<code>SVMManagerAddress</code>	An IPv4 address or FQDN. No default.	Specifies the IPv4 address or FQDN of the SVM Manager.
<code>SVMManagerPort</code>	Between 1024 and 65535. Default = 8080.	Specifies the port used to communicate with SVM Manager.
<code>RAMDiskEnabled</code>	1 (0x1)	Enables or disables the RAM disk option.
<code>MaxNumClients</code>	250 (0xf4240)	Maximum number of clients that can be connected to the SVM.
<code>OSSGUID</code>	<GUID>	Unique GUID required to register SVM to SVM Manager.

## help

Display usage information for the `mvadm` utility.

```
mvadm help
```

```
mvadm help command
```

Arguments	Description
<code>default</code>	Lists the summary description for the <b>Trellix MOVE AntiVirus</b> SVM CLI commands.
<code>command</code>	Lists the detailed Help for the provided command.

loglevel

View and edit the log level of the **Trellix MOVE AntiVirus SVM** modules.

```
mvadm loglevel
```

```
mvadm loglevel enable {MODULE_NAME | ALL} {TYPES... | ALL}
```

```
mvadm loglevel disable {MODULE_NAME | ALL} {TYPES... | ALL}
```

Arguments	Description
default	Lists the current log level of each module in the <b>Trellix MOVE AntiVirus SVM</b> . Use this form to get a full list of modules for use with the other forms of the <b>loglevel</b> command.
enable {MODULE_NAME   ALL} {TYPES...   ALL}	Sets the log level for module <b>MODULE_NAME</b> or all modules to the specified log level types or to all types.
disable {MODULE_NAME   ALL} {TYPES...   ALL}	Clears the specified log level types or all types for <b>MODULE_NAME</b> or for all modules.

These are the supported log level types:

- Error
- Warning
- System
- Info
- Detail
- Fnentry
- Fnexit

stats

Display the current statistics of the **Trellix MOVE AntiVirus SVM**.

```
mvadm stats
```

Arguments	Description
<b>default</b>	Displays current usage and performance statistics for the <b>Trellix MOVE AntiVirus SVM</b> . The statistics are collected in real time, and the displayed data is a snapshot of the information at the time the command was invoked. The full list of reported statistics is shown in the example output.

## Example output

```

C:\>mvadm stats
Total number of cksum req:                13125
Total number of file transfer req:        11825
Total number of smart file req:           14
Total number of scans on RAM disk:
11825
Cksum cache hit:                          1300
Total av scan req:                        11825
Total av scan failure:                    0
Data recv failure:                        0
Resp send failure:                        0
Total scan threads:                       300
Total heart beat threads:                  0
Total idle threads:                       300
Number of requests in queue:               0
Number of items in cache:                  0
Avg request process time:                  0.045183 sec
Avg request wait time:                     0.000000 sec
Number of frequently modified files scanned: 848
Data saved for frequently modified files:  98%
Maximum entries for frequently modified files: 25
Total Tie Requests:                        95486
Total Tie File Reputation Requests:        90622
Total Tie Cert Reputation Requests:         36
Total ATD candidates:                      851
Total ATD successful submissions:           76
Total Tie Cache Hits:                      4712
Total Tie Certificate Cache Hits:           116
Total Tie File Reputation change events:    140
Total Tie Certificate reputation change events: 0
Total Tie Certificate hashes in Global cache: 34
Total Tie File hashes in Global cache:     46827
Tie Avg Response Time per Request:         0.370643 sec

```

## On-demand scan stats

Display the information related to On-demand scan on SVM.



```
mvadm stats ods
```

Arguments	Description
List of Connected Clients	IP address list of connected Trellix MOVE AntiVirus Multi-platform clients .
Number of connected Clients	Number of connected Trellix MOVE AntiVirus Multi-platform clients.
Target On Demand Scan	Trellix MOVE AntiVirus Multi-platform client GUID and IP address of system currently running TODS.
Scheduled On Demand Scan	Trellix MOVE AntiVirus Multi-platform client GUID and IP address of system currently running Scheduled on demand.

Example

The output of the mvadm stats ods command from one SVM where 6 clients are connected and on one of client TODS is running:

```
C:\Users\Administrator\Desktop>mvadm stats ods
List of Connected Clients:
+-----+
| IP Address |
+-----+
| [redacted] |
+-----+
| [redacted] |
+-----+
| [redacted] |
+-----+
| [redacted] |
+-----+
| [redacted] |
+-----+
| [redacted] |
+-----+
Number of connected clients : 6
Target On Demand Scan:
+-----+-----+
| Agent GUID | IP Address |
+-----+-----+
| [redacted] | [redacted] |
+-----+-----+
Scheduled On Demand Scan:NULL
```

## version

Display the version of the **Trellix MOVE AntiVirus SVM** application installed on the server VM.

```
mvadm version
```

Arguments	Description
<code>default</code>	Displays the version number of the <b>Trellix MOVE AntiVirus SVM</b> . This is useful for verifying if an update has completed successfully, or checking if an update is needed.

## cert

Using the `cert` command, you can view, add, or remove certificates from the Certificate policy.

Arguments	Description
<code>mvadm cert</code>	View the existing certificates
<code>mvadm cert add &lt;certificate name&gt;</code>	Add certificate name to the Certificates policy.
<code>mvadm cert remove &lt;certificate name&gt;</code>	Remove certificate from the Certificates policy.

## On-demand scan for individual folders

Use this command to run on-demand scan for individual folders.

Argument	Description
<code>mvadm tots path</code> Example: To run on-demand scan on the folder <code>C:\Windows</code> , run the command <code>mvadm tots path C:\Windows\</code>	Run on-demand scan on the specific folder.

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