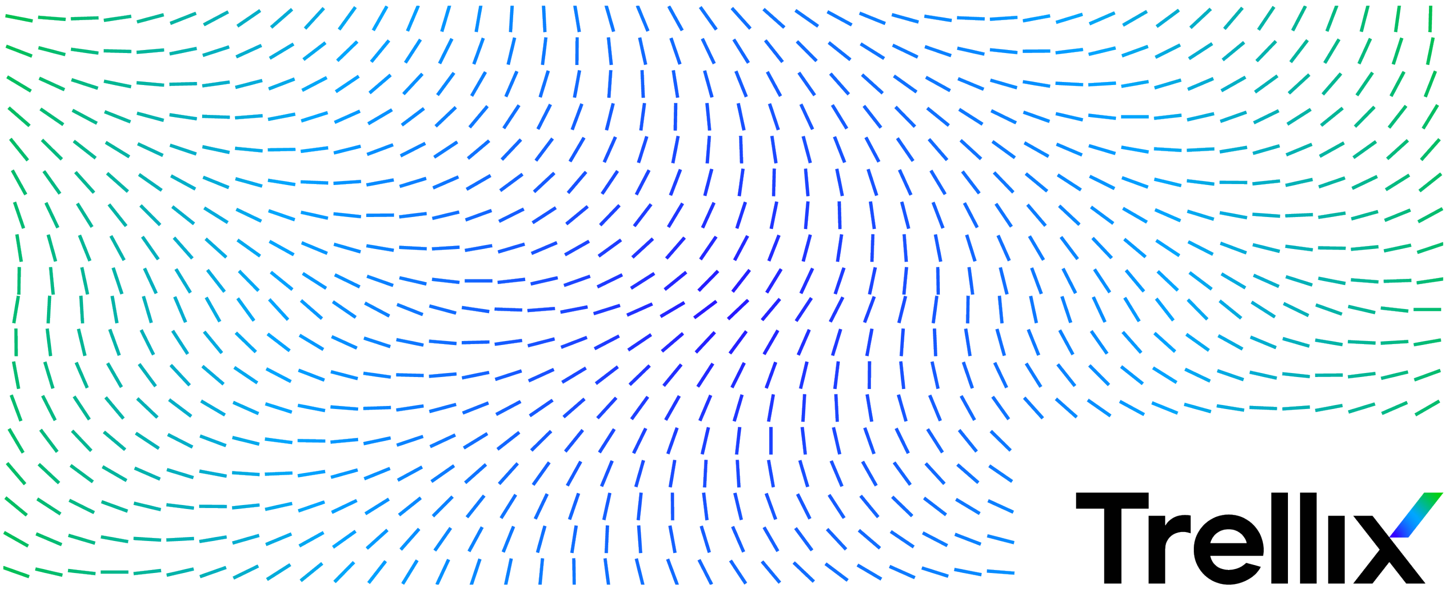
Trellix Intelligent Sandbox 5.2.x Command Line Interface Reference Guide



Contents

CLI commands

The **Intelligent Sandbox Appliance** supports command-line interface (CLI) commands for tasks such as network configuration, restarting the appliance, and resetting the appliance to factory defaults.

Issuing CLI commands

You can issue CLI commands locally, from the **Intelligent Sandbox Appliance** console, or remotely through SSH.

Issuing commands

To perform an operation on the **Intelligent Sandbox Appliance**, you must perform the operation from the command line of the console host that connects to the **Intelligent Sandbox Appliance**. For example, when you first configure the network details for the **Intelligent Sandbox Appliance**, you must do so from the console.

Issuing a command through SSH

You can administer a **Intelligent Sandbox Appliance** remotely from a command prompt over `ssh`.

Log on to the Intelligent Sandbox Appliance

Use the SSH client to log on to the **Intelligent Sandbox Appliance**.

Task

1. **Open an SSH client session.**
2. **Enter the Intelligent Sandbox Appliance IPv4/IPv6 address.**
3. **Enter 2222 as the SSH port number.**
4. **Enter the log on credentials.**

    - User name — cliadmin
    - Password — atdadmin

    If you are logging on for the first time, you are prompted to changed the user name and password.
    You can change the CLI password by logging on to **Intelligent Sandbox** web interface.

    a. Go to **Manage** → **Security** → **Advanced Security Settings** → **Password Control**.
    b. Click **Click here to reset CLI user password**.

    Depending on your SSH client, the number of logon attempts differ. For example, Putty 0.54 and 0.56 allow you three log on attempts, and Putty 0.58 and Linux SSH clients allow you four attempts.

Auto-complete

The CLI allows you to auto-complete commands.

To auto-complete a command, press **Tab** after typing a few characters of a valid command and then press **Enter**. For example, typing `pas` and pressing **Tab** would result in the CLI auto-completing the entry with the command `passwd`.

If the partially entered text matches multiple options, the CLI displays all available matching commands.

CLI syntax

You issue commands at the command prompt as shown.

```
<command> <value>
```

- Values that you must enter are enclosed in angle brackets (< >).
- Optional keywords or values are enclosed in square brackets ([ ]).
- Options are shown separated by a line (|).
- Variables are indicated by ***italics***.

Note

Do not type the < or [ ] symbols.

Mandatory commands

There are certain commands that must be executed on the **Intelligent Sandbox Appliance** before it is fully operational. The remaining commands in this chapter are optional and will assume default values for their parameters unless they are executed with other specific parameter values.

These are the required commands:

- `set appliance name`
- `set appliance ip`
- `set appliance gateway` is also required if any of the following are true:
  - If the **Intelligent Sandbox Appliance** is on a different network than the **Trellix** products you plan to integrate
  - If you plan to access **Intelligent Sandbox** from a different network either using an SSH client or a browser for accessing the **Intelligent Sandbox** web interface

Log on to the CLI

Before you can enter CLI commands, you must first log on to the **Intelligent Sandbox Appliance** with a valid user name (default user name is `cliadmin`) and password (default is `atdadmin`).

To log off, type `exit`.

Caution

Change the password using the passwd command within your first interaction with the **Intelligent Sandbox Appliance**.

Meaning of "?"

? displays the possible command strings that you can enter.

Syntax

?

Note

If you use ? in conjunction with another command, it shows the next word you can type. If you execute the ? command in conjunction with the set command, for example, a list of all options available with the set command is displayed.

List of CLI commands

This section lists **Intelligent Sandbox** CLI commands in the alphabetical order.

activeResponseStats

Displays the statistics on **McAfee Active Response** and **Trellix Intelligent Sandbox** integration.

Syntax:

activeResponseStats

This command has no parameters.

Example:

```
activeResponseStats
[ Active Response Statistics ]
Status                      : DISABLED
Request Files Received      : 0
Search in Pending state     : 0
Search in Completed state   : 0
ERROR COUNT                 : 0
```

amas

Use this command to restart/start/stop the amas services.

Note

amas restart is no longer available.

Syntax: amas <word>

Parameter	Description
<WORD>	The amas service you want to stop.

Example: amas start/stop

archive-submission-status

Displays status of the archive samples submitted to **Intelligent Sandbox** system.

Syntax: archive-submission-status

This command has no parameters.

Sample output:

```
[ Zip adapter stats]
Status                                                                                                       : UP
Archive samples
received                                                                                                     : 0
Invalid archive
received                                                                                                     : 0
Archive successfully
processed                                                                                                    : 0
Samples found by extracting
archives                                                                                          : 0
Samples (extracted from zip) submitted to amas   : 0
```

atdcounter

Displays the engine specific counter e.g. files sent and processed by **McAfee GTI**, Anti-Virus Engine, Gateway Anti-Virus Engine, and amas.

Syntax: atdcounter

This command has no parameters.

backup reports

Use this command to create a backup of the **Trellix Intelligent Sandbox** reports on an external FTP/SFTP server configured for a user under the FTP results output setting interface ports.

Syntax

`backup reports`

This command has no parameters.

backup reports date

This command creates a backup of the **Trellix Intelligent Sandbox** reports for a particular date range on an external FTP/SFTP server configured for a user under the FTP results output setting.

Syntax: `backup reports date <yyyy-mm-dd>`

Parameter	Description
yyyy-mm-dd yyyy-mm-dd	The date range for which you want to create a backup for reports.

Example: `2014-07-10 2014-07-12`

Blacklist

Use the following commands to manage the **Trellix Intelligent Sandbox** blacklist.

Syntax:

- To add an MD5 to the blacklist, use `blacklist add <md5> <score> <file_name> <malware_name> <Eng-ID> <OS-ID>`

Parameter	Description
<md5>	The MD5 hash value of a malware that you want to add to the blacklist.
<score>	The malware severity score. A valid value is from 3 to 5.
<file_name>	The file name for the MD5.
<malware_name>	The malware name for the MD5.
<Eng-ID>	The numerical ID for the engine that detected the malware. Following is the numerical coding.

Parameter	Description
	Sandbox — 0, GTI — 1, GAM — 2, Anti-Malware — 4.
<OS-ID>	The numerical ID of the operating system that was used to dynamically analyze the malware.

Example: `blacklist add 254A40A56A6E28636E1465AF7C42B71F 3 ExampleFileName ExampleMalwareName 4 2`

- To delete an MD5 from the blacklist, use `blacklist delete <md5>`

Parameter	Description
<md5>	The MD5 hash value of a malware that you want to delete from the blacklist.

Example: `blacklist delete 254A40A56A6E28636E1465AF7C42B71F`

- To check if an MD5 is present in the blacklist, use `blacklist query <md5>`

Parameter	Description
<md5>	The MD5 hash value of a malware that you want to query if it is present in the blacklist.

Example: `blacklist query 254A40A56A6E28636E1465AF7C42B71F` If the MD5 is present, the details such as the engine ID, malware severity score, and so on, are displayed.

- To update the details for an entry in the blacklist, use `blacklist update <md5> <score> <file_name> <malware_name> <Eng-ID> <OS-ID>`

Parameter	Description
<md5>	The MD5 hash value of a malware that you want to update. This value must exist in the blacklist for you to update the record.
<score>	The new malware severity score that you want to change to. A valid value is from 3 to 5.

Parameter	Description
<file_name>	The new file name for the MD5.
<malware_name>	The new malware name for the MD5.
<Eng-ID>	The new engine ID that you want to change to.
<OS-ID>	The new value for the operating system that was used to dynamically analyze the malware.

Example: blacklist update 254A40A56A6E28636E1465AF7C42B71F 4 ExampleFileName ExampleMalwareName 2 4

clearstats all

Use this command to reset all the **Trellix Intelligent Sandbox** statistics to zero.

Syntax: clearstats all

This command has no parameters.

The following information is displayed using this command:

```
<=== DXL STATUS ===>
Status                                  : DISABLED
DXL Channel Status                      : DOWN
Sample Files Received Count             : 0
Sample Files Published Count            : 0
Sample Files Queued Count               : 0
```

clearstats ActiveResponse

Clears all previous statistics from **McAfee Active Response** and **Trellix Intelligent Sandbox** integration.

Syntax:

clearstats ActiveResponse

This command has no parameters.

Example:

```
clearstats ActiveResponse
All Active Response stats are reset to zero
Request Files Received          : 0
Search in Pending state         : 0
Search in Completed state       : 0
Response from MAR               : 0
```

clearstats dxl

Resets the **DXL** file counter to zero.

Syntax: `clearstats dxl`

This command has no parameters.

The following information is displayed using this command.

```
All DXL stats are reset to zero
Sample Files Received Count             : 0
Sample Files Published Count            : 0
```

clearstats tepublisher

Clear the count of events sent to **McAfee ePO**.

Syntax: `clearstats tepublisher`

This command has no parameters.

The following information is displayed using this command:

```
All TEP stats are reset to zero
Sample Files Received Count             : 0
Sample Files Published Count            : 0
```

clearstats taxii

Use this command to reset all TAXII stats to zero.

Syntax: `clearstats taxii`

clearlbconfig

This command is used to destroy cluster using CLI command prompt. It is permitted to run at all nodes (Primary/Backup/Secondary). It wipes out all cluster related configurations from that node and makes it as a standalone box.

This command can be used in scenarios where normal means of removing a node (Remove Node/Withdraw From Cluster) does not remove that node from cluster.

When you execute the clearlbconfig command on a Primary or Active node, you must execute the command on all other nodes in the cluster.

Syntax: `clearlbconfig`

This command has no parameters.

createDefaultVms

Delete all of the existing analyzer VMs and create default analyzer VMs.

Syntax: `createDefaultVms`

This command has no parameters.

Note

> This command will not work on the non-active nodes in the cluster.

db_repair

Repairs the **Intelligent Sandbox** database when the database is corrupt.

Syntax: `db_repair`

This command has no parameters.

deleteblacklist

Remove all the entries from the **Intelligent Sandbox** blacklist.

Syntax: `deleteblacklist`

This command has no parameters.

deletesamplescore <0-5>

Deletes all sample reports with the specified severity score.

Syntax:

```
deletesamplescore <0-5>
```

Parameter	Description
<0-5>	Enter a severity score between 0 to 5.

Example:

```
deletesamplescore 0
Deleting all sample results with score=0
delete 0 sample entries with 0
```

deletesamplereport

Deletes all of the analysis reports for a file.

Syntax: `deletesamplereport <md5>`

Parameter	Description
<md5>	The file MD5 value that you want to use to delete all the reports in **Intelligent Sandbox**.

Example: `deletesamplereport c0850299723819570b793f6e81ce0495`

diskcleanup

Delete old analysis reports when the **Intelligent Sandbox** disk space is low.

Syntax: `diskcleanup`

This command has no parameters.

Note

To prevent **Intelligent Sandbox** from losing your results and reports, enable set resultbackup.

dxlstatus

View the **DXL** status.

Syntax: `dxlstatus`

This command has no parameter.

The following information is displayed using this command:

```
<=== DXL STATUS ===>
Status                                  : DISABLED
DXL Channel Status                      : DOWN
Sample Files Received Count             : 0
Sample Files Published Count             : 0
Sample Files Queued Count                : 0
```

Exit

Exits the CLI.

This command has no parameters.

Syntax:

exit

extract vmimage

This command allows the user to copy OS Image present in **Intelligent Sandbox** to atdadmin folder. This image can further be download from atdadmin and uploaded to SR share by the customers. The command is supported from ATD version 4.12.4 and above.

Syntax: extract vmimage <Image Name>

Example: extract vmimage winxpSp3

To get <Image Name>, run show vmImage command.

Note

The images that are larger in size takes approximately 20–30 minutes to copy (depending on system load). Until the image copy completes, the CLI prompt is not available. It is recommended to run the command when no activity is being done. Also, if copying the image takes longer time, then nothing should be done that time (example, reboot or power down).

filetypefilter

Enables **Intelligent Sandbox** to use the file extension that the file carries before sending it for dynamic analysis.

Syntax:filetypefilter<enable><disable><status>

Parameter	Description
status	Displays whether the filetypefilter feature is enabled or disabled. By default, it is disabled.

Parameter	Description
enable	Enables sample filtering. When enabled, **Intelligent Sandbox** uses the following supported file types for analysis: ***.7z, .ace, .apk, .arj, .bat, .cab, .cgi, .chm, .class, .cmd, .com,*** ***.dll, .doc, .docm, .docx, .dotm, .dotx, .eml, .exe, .htm, .html, .inf, .ins,. js, .lnk, .lzh, l.zma, .mof, .msg, .ocx, .pdf, .potm, .potx, .ppam, .pps, .ppsm, .ppsx***
disable	Disables sample filtering. When disabled, **Intelligent Sandbox** uses the default file types that dynamic analysis supports.

ftptest

Tests the FTP settings.

Syntax: `ftptest USER_NAME`

Parameter	Description
USER_NAME	The user name that you want to test the FTP settings.

Example: `NSPuser`

gti-restart

Restarts the **McAfee GTI** engine.

Syntax: `gti-restart`

This command has no parameters.

help

Provides a description of the interactive help system.

This command has no parameters.

Syntax:

`help`

http_redirect

Enables or disables the redirection of http browser requests to https. When http_redirect is disabled, secure access to the **Intelligent Sandbox Appliance** is ignored.

Syntax:

`set http_redirect`

When port 80 is disabled, then the HTTP port is used to access the **Intelligent Sandbox Appliance** interface in a browser.

Any sample that you submit during the command execution is rejected as lighttpd is restarted.

Parameter	Description
enable **Intelligent Sandbox Appliance**	When http_redirect is enabled, the http url is redirected to https. RestAPI calls with only the https protocol are accepted.
disable	When http_redirect is disabled, http is not redirected to https. RestAPI calls with the http or https protocol are accepted.

Note

Make sure http_redirect is always enabled. Disable http_redirect only when there are issues with certificate validation.

To view if http to https redirection is enabled or disabled on the **Intelligent Sandbox Appliance**, use the show http_redirect command. By default, the redirect feature is enabled.

Syntax: `show http_redirect`

install msu

Installs system-x.x.x.x.x.msu.

Syntax:

`install msu`

Parameter	Description
<SWNAME>	The msu filename that you want to install.
<RESET_DB>	Accepts the following values: • 0 — msu file installs without resetting the database • 1 — msu file install and the database is reset

Note

- The DB reset parameter is not required when migrating or installing Email Connector from 4.6.x to **5.2**.x.
- The DB reset parameter is required during a fresh installation of the **Intelligent Sandbox** software.

Example:

For Email Connector: `install msu systemex-x.x.x.x.x.msu`

For migration: `install msu migrate-x.x.x.x.x.msu`

For fresh installation: `install msu system-x.x.x.x.x.msu 0`

install package <package path>

Installs the detection or application package in the background.

Remember:

Before you run this command, SFTP the install package to your **Intelligent Sandbox Appliance** with atdadmin user account.

Syntax:

```
install package <package path>
```

Parameter	Description
<package path>	Enter the package path and name.

lbstats

Shows the statistics for Primary node, Back up node and Secondary node in a load-balancing cluster.

This command has no parameters. No output is displayed if the **Intelligent Sandbox** is not part of a cluster.

Syntax:

`lbstats`

list

Lists all of the available CLI commands.

Syntax: `list`

This command has no parameters.

lowseveritystatus

Intelligent Sandbox treats severity 1 and 2 samples as low-severity, and severity 3, 4, and 5 as malicious. By default, when you configure dynamic analysis, the dynamic analysis score is displayed in the summary report for all samples. The score also affects the final score for the sample. You can use the lowseveritystatus command to alter the behavior. For example, for low-severity samples that are dynamically analyzed, **Intelligent Sandbox** does not display the dynamic analysis score in the summary report, or consider the score to compute the final score.

Note

The lowseveritystatus command applies only to non-PE samples, such as Microsoft Word documents and PDF files.

Syntax: `lowseveritystatus <show><hide>`

Example: `lowseveritystatus hide`

Parameter	**Description**
`show`	The default behavior. If a sample is dynamically analyzed, **Intelligent Sandbox** displays the dynamic analysis score in the report. It also considers the score to compute the final score.
`hide`	Assume that the sample is a non-PE file, which has undergone dynamic analysis. If **Intelligent Sandbox** detects the file to be low-severity, it does not display the dynamic analysis score in the report (under **Sandbox** in the **Down Selector's Analysis** section). **Intelligent Sandbox** also does not consider the dynamic analysis score for computing the final score.

Parameter	Description
	However, the details of the dynamic analysis such as files opened and files created are included in the report. **Note:** The lowseveritystatus hide command affects only the score displayed in the report and does not affect how the results are displayed in the **Analysis Reports** page.

no malware-dns

Use this command to configure the malware dns to the default 127.0.0.1.

Syntax:

no malware-dns

no malware-dns-ipv6

Use this command to remove the IPv6 malware dns to the default ::1.

Syntax:

no malware-dns-ipv6

Example:

```
no malware-dns-ipv6
Malware ipv6 DNS server has been reset to default
```

no timeout

Removes timeout for SSH sessions.

Syntax:

no timeout

This command has no parameters.

nslookup

Queries the results for domain names. You can use nslookup to verify if **Intelligent Sandbox** can perform nslookup queries correctly.

Syntax: `nslookup <WORD>`

Parameter	Description
<WORD>	The domain name that you want to query for nslookup.

Example: `nslookup mcafee.com`

passwd

Changes the password of the cliadmin/readonlycli user.

A password must be between 8 and 25 characters in length and can consist of any alphanumeric character or symbol.

You are asked to enter the current password before changing to a new password.

Syntax:

```
passwd
```

Parameter	Description
cliadmin	Changes the password of the CLI admin user.
readonlycli	Changes the password of the CLI read-only user.

ping

Pings a network host or domain name. You can specify an IPv4 address to ping network host and domain name to ping domain names.

Syntax:

```
ping <A.B.C.D>
```

Parameter	Description
<A.B.C.D>	Denotes the 32-bit network host IP address written as four eight-bit numbers separated by periods. Each number (A, B, C or D) is an eight-bit number between 0–255.
<WORD>	The domain name that you want to ping.

quit

Exits the CLI.

This command has no parameters.

Syntax:

`quit`

reboot

Reboots the **Intelligent Sandbox Appliance** with the image in the current disk. You must confirm that you want to reboot.

Syntax:

`reboot` or `reboot <parameter>`

Parameter	Description
`vmcreator`	Recreates the analyzer VMs configured in the **Intelligent Sandbox** web interface, while rebooting the appliance.
`force`	Force reboots your **Intelligent Sandbox**.

recreatesshkey

Use this command to generate SSH key. In a load balancing cluster the **Intelligent Sandbox** appliances communicate with each other through SSH, using password SSH keys for authentication. In any setup, if the keys are erased or there is problem in communication between nodes, SSH keys can be regenerated using this command.

Note

Do not execute this command without consulting McAfee. The command could cause disruptions in the the **Intelligent Sandbox** cluster.

Syntax: recreatesshkey

Example:

```
atd_111> recreatesshkey
Directory /root/lb already exists, deleting the files
Directory /home/lb/.ssh already exists , deleting the files
Command Executed Successfully
atd_111>
```

remove

This command removes all original samples from ATD for which analysis is complete.

The remove command has these parameters:

- now: When executed, immediately removes the ***original samples*** for all the completed samples present on ATD. Even if you enable **Sample Download Access**, you cannot download the sample.
- enable: When executed, immediately removes the ***original samples*** for all the completed samples present on ATD. It also enables you to set a daily task to automatically remove ***original samples*** from newly completed samples at a configured time.
- disable: When executed, disables the daily task to remove ***original samples*** from newly completed sample files at the configured time.

Syntax: remove samples all <now><enable><disable>

Example 1: ATD-6000> remove samples all now

Removing all sample files now...

10 sample files removed

Example 2: ATD-6000> remove samples all enable 11:37:14

Removing all sample files now...

14 sample files removed

Setting up daily task to remove newly completed sample files at 11:37:14

Example 3: ATD-6000> remove samples all disable

Disabling daily task

removeAndroid

Remove the Android VM from the VM profile list.

Ensure that Android is not the default VM profile and the Vmcreator process is not running

Syntax: removeAndroid

This command has no parameters.

Sample Output:

```
ATD_1U_21> removeAndroid

Started deleting the android VM

Successfully deleted the android VM
```

Note

This command will not work on the non-active nodes in the cluster.

removenetworkaddress

Removes the IP, subnet mask, and gateway addresses from the **Intelligent Sandbox Appliance**.

The changes are reflected after the box is rebooted. This is a hidden command, but is useful for Support.

Syntax: `removenetworkaddress`

This command has no parameters.

Example: `ATD-6000> removenetworkaddress`

```
Remove the appliance network addresses ?

Please enter Y to confirm:
```

removeSampleInWaiting

Remove all of the samples to be analyzed by **Intelligent Sandbox**.

Syntax: `removeSampleInWaiting`

This command has no parameters.

The following information is displayed using this command:

```
Starting the sample queue cleaning...
The cleaning is done
```

removevmImage

To delete the VM Image from all nodes in the LB cluster when option is specified as **all**, execute this command from Primary[Active] or Backup[Active] **Intelligent Sandbox**.

If option is specified as A.B.C.D, it deletes the Image only from Secondary with IP A.B.C.D.

Reduce the License count for ImageName to zero before executing this command, or the command execution fails. This command does not delete the ImageName from Active (Primary/Backup) **Intelligent Sandbox**.

To obtain ImageName, use the show vmImage command.

Syntax:

removevmImage <ImageName> <all | A.B.C.D>

Example:

removevmImage winxpsp3 all

removevmImage winxpsp3 10.34.2.1

resetreadonlyclipasswd

This command resets the password for the readonlycli user to its default value.

Syntax:

resetreadonlyclipasswd

This command has no parameters.

```
resetreadonlyclipasswd
Reset readonlycli password to Default?
Please enter Y to confirm:y
readonlycli password reset to default
```

resetrmmport

Use this command to perform a cold reset on the RMM port to reset the Management Controller. When executed, the command displays a warning as shown below.

Syntax: resetrmmport

Note

This command is not available for Virtual **Intelligent Sandbox**.

```
resetrmmport
If Management Controller encounters any issues during reset then it may reboot the ATD appliance
Are you OK to proceed?
Please enter Y to confirm:
```

resetuiadminpasswd

Resets the **Intelligent Sandbox** web interface administrator password. When you use the command, the password is reset to the default value, which is admin. The currently logged on sessions are unaffected. A change in password affects only new logon attempts. Additionally, the resetuiadminpasswd command resets the admin user's authentication type to local.

Syntax: `resetuiadminpasswd`

Press Y to confirm, or N to cancel.

resetusertimeout

Enables you to log on to **Intelligent Sandbox** web interface without waiting for the timer to expire.

Syntax: `resetusertimeout <WORD>`

Parameter	Description
<WORD>	The **Intelligent Sandbox** web interface user name that you want to remove the logon timer. When the action is successful, the **Reset done!** message displays.

Example: `resetusertimeout admin`

revert package application

Revert the current application software package and install the backup application software as current.

Syntax: `revert package application`

This command has no parameters.

Use this command when you cannot revert the application software from the **Intelligent Sandbox** interface.

revert package detection

Revert the current detection software package and install the backup detection package as current.

Syntax: `revert package detection`

Use this command when you cannot revert the application software from the **Intelligent Sandbox** interface.

revertwebcertificate

Revert the uploaded web certificate to the default certificate.

Syntax: `revertwebcertificate`

This command has no parameters.

The following information is displayed using this command:

```
revertwebcertificate
Successfully reverted back web certificate to default!
Restarting lighttpd service!
```

route add/delete network

CLI commands are available for adding and deleting static routes to **Intelligent Sandbox**.

To add an IPv4 route

`route add network <network ipv4> netmask <netmask> gateway <gateway ipv4> intfport <port number 1><port number 2><port number 3>`

Example:

```
route add network 1.1.1.0 netmask 255.255.255.0 gateway 1.1.1.1 intfport 1
```

To add an IPv6 route

`route add network <network ipv6> prefix length <1-128> gateway <gateway ipv6> intfport <port number 1><port number 2><port number 3>`

Example:

```
route add network 2403:0:55a:3::1 64 255.255.255.0 gateway 2403:0:55a:3::1 intfport 1
```

Example: `route add network 1.1.1.0 netmask 255.255.255.0 gateway 1.1.1.1 intfport 1`

To delete an IPv4 route

route delete network <network ip> netmask <netmask> gateway <gateway ip> intfport <port number 1><port number 2><port number 3>

Example:

```
route delete network 1.1.1.0 netmask 255.255.255.0 gateway 1.1.1.1 intfport 1
```

To delete an IPv6 route

route delete network <network ip> netmask <netmask> gateway <gateway ip> intfport <port number 1><port number 2><port number 3>

Example:

```
route delete network 2403:0:55a:3::1 64 255.255.255.0 gateway 2403:0:55a:3::1 intfport 1
```

run ldt

This command allows you to collect ldt logs, abort the collection, and check the status of a running collection task.

Syntax: run ldt <parameter>

Parameter	Description
tool	Collects LDT logs.
status	Displays the status of LDT log collection
abort	Stops the log collection task.

```
run ldt tool
NOTICE: running the log collection tool may impact system performance.
Running LDT log collection. Please stand by.
LDT log collection has been started
```

samplefilter

This command is specific to **Network Security Platform** Sensors and all REST channel submissions. Use this command to prevent Sensors from sending unsupported file types to **Trellix Intelligent Sandbox** for analysis.

Syntax:

samplefilter <status><enable><disable>

Parameter	Description
status	displays whether the sample filtering feature is enabled or disabled currently. By default, it is enabled.
enable	sets the sample filtering on. When it is enabled, **Trellix Intelligent Sandbox** considers only the supported file types from **Network Security Platform** for analysis. **Trellix Intelligent Sandbox** ignores all other file types and also informs **Network Security Platform** that a sample is of an unsupported file type . This prevents resources being spent on unsupported file types on both **Trellix Intelligent Sandbox** and **Network Security Platform**.
disable	sets the sample filtering to off. When disabled, **Trellix Intelligent Sandbox** considers all the files submitted by **Network Security Platform** for analysis but only the supported file types are analyzed. The remaining are reported as unsupported in the **Analysis Status** and **Analysis Reports** pages.

Example:

```
samplefilter status
```

service

Use this command to perform service-related tasks such as starting, stopping, restarting, or getting the status of services.

Syntax: `service <parameter> <argument>`

Parameter	Description
start	Starts a service.

Parameter	Description
stop	Stops a service.
status	Displays the status of one or more services. If you need to see the status of all ATD services, enter `service status all`
restart	Restarts a service.

```
service status all
```

```
VM creation in progress, amas service is down until completed.

amas service [ STOPPED ]

MA service [ RUNNING ]

LB service [ RUNNING ]

nginx service [ RUNNING ]

mysql service [ RUNNING ]

system networking [ RUNNING ]

udnsd service [ RUNNING ]
```

Note

The support for starting or stopping udnsd service is added from ATD 4.12.4 version and above.

set appliance dns

Configures the **Intelligent Sandbox Appliance** preferred and alternate DNS address. A DNS address can be either an IPv4 or IPv6 address or a combination of both.

Syntax:

```
set appliance dns A.B.C.D/A:B:C:D::E E.F.G.H/F:G:H:I::J WORD
```

Parameter	Description
<A.B.C.D>/<A:B:C:D::E>	DNS preferred IPv4/IPv6 address
<E.F.G.H/F:G:H:I::J>	DNS alternate IPv4/IPv6 address
<WORD>	Appliance domain name

Example:

```
set appliance dns 1.1.1.2 10.11.10.4 nai.com
DNS setting had been configured
```

```
set appliance dns 2001:4860:4860::8888 2001:4860:4860::8844 nai.com
DNS setting had been configured
```

set consoleLogLevel

Syntax:

set consoleLogLevel <1-7> <default>

Example

set consoleLogLevel 4

set consoleLogLevel default

set port80

Allows you to access **Intelligent Sandbox** interface from a web browser through HTTP port 80.

Syntax

set port80 <enable/disable>

Parameter	Description
<enable>	The **Intelligent Sandbox** interface can be accessed using the ***https://<Intelligent Sandbox IP address>*** link from a browser.

Parameter	Description
	(Replace **Intelligent Sandbox** IP address with the actual IP address)
<disable>	The **Intelligent Sandbox** interface can't be accessed from a browser.

Note

Delete the browser cache before you access the **Intelligent Sandbox** interface.

If you disable port 80, the http redirect will also not work.

Example

```
set port80 enable
Enabling HTTP port 80
Http port 80 enabled
```

set port 24/8505

Allows you to access TCP port 24 which allows the use of Load balancing and TCP port 8505 which allows the use of NSP integration feature of **Intelligent Sandbox**.

Syntax

`set port 24/8505 <enable/disable>`

Parameter	Description
<enable>	Opens the port 24 and 8505, which allows the use of LB and NSP respectively.
<disable>	Blocks the port 24 and 8505, which restricts the use of LB and NSP respectively.

Note

By default port 24 and port 8505 are enabled, when disabled Load balancing and NSP won't work.

Note

Ensure Load balancing is not configured or IPS is not integrated while blocking the ports. **Intelligent Sandbox** software does not check the configuration of these features before disabling the ports. If Load balancing is configured and port 24 is disabled Load balancing will stop working, similarly if NSP is integrated with **Intelligent Sandbox** and port 8505 is disabled, it will break the integration. So before executing the command ensure Load Balancing or NSP are not configured with **Intelligent Sandbox**.

Example

```
set port 24 enable all
TCP port 24 enabled
set port 8505 enable all
TCP port 8505 enabled
```

For port 24

You can only enable or disable port 24 (lbservice port) for all interfaces using the 'all' option.

Syntax

set port 24 <enable or disable> all

This does not allow to enable or disable for the specific interface.

Syntax

set port 24 disable eth0

```
Invalid command: [Port 24 can only be enabled/disabled on all INTFPORT0|1|2|3 with option 'all']
```

set port 24 disable eth1

```
Invalid command: [Port 24 can only be enabled/disabled on all INTFPORT0|1|2|3 with option 'all']
```

set port 24 disable eth2

```
Invalid command: [Port 24 can only be enabled/disabled on all INTFPORT0|1|2|3 with option 'all']
```

set port 24 disable eth3

```
Invalid command: [Port 24 can only be enabled/disabled on all INTFPORT0|1|2|3 with option 'all']
```

set port 24 disable all

```
TCP port 24 disabled on all interfaces
```

For port 8505

You can only enable or disable port 8505 (ipsservice port) for all interfaces using the 'all' option.

Syntax

set port 8505 <enable or disable> all

This does not allow to enable or disable for the specific interface.

Syntax

set port 8505 disable eth0

```
Invalid command: [Port 8505 can only be enabled/disabled on all INTFPORT0|1|2|3 using the 'all' option]
```

set port 8505 disable eth1

```
Invalid command: [Port 8505 can only be enabled/disabled on all INTFPORT0|1|2|3 using the 'all' option]
```

set port 8505 disable eth2

```
Invalid command: [Port 8505 can only be enabled/disabled on all INTFPORT0|1|2|3 using the 'all' option]
```

set port 8505 disable eth3

```
Invalid command: [Port 8505 can only be enabled/disabled on all INTFPORT0|1|2|3 using the 'all' option]
```

set port 8505 disable all

```
TCP port 8505 disabled on all interface
```

set port 6080

You can enable or disable port 6080 for specified interfaces or for all interfaces using this command.

- Enable or disable the port 6080 on eth0 interface. **Syntax**: **set port 6080 <enable or disable> eth0**
- Enable or disable the port 6080 on eth1 interface. **Syntax**: **set port 6080 <enable or disable> eth1**
- Enable or disable the port 6080 on eth2 interface. **Syntax**: **set port 6080 <enable or disable> eth2**
- Enable or disable the port 6080 on eth3 interface. **Syntax**: **set port 6080 <enable or disable> eth3**
- Enable or disable the port 6080 on all eth interfaces. **Syntax**: **set port 6080 <enable or disable> all**

vATD supports only two interfaces (eth0 and eth1), but actual appliance supports four interfaces (eth0, eth1, eth2 and eth3). So when you enable or disable the port for interfaces eth2 and eth3 in vATD, you will the message as "<interface> not supported for vATD".

Syntax:

```
set port 6080 disable eth2
```

```
eth2 not supported for vATD
```

Syntax:

```
set port 6080 disable eth3
```

```
eth3 not supported for vATD
```

set appliance gateway

Specifies the IPv4 address of the gateway for the **Intelligent Sandbox Appliance**.

Syntax:

```
set appliance gateway <A.B.C.D>
```

Parameter	Description
<A.B.C.D>	A 32-bit address written as four eight-bit numbers separated by periods. A, B, C or D represents an eight-bit number between 0–255.

Example:

```
set appliance gateway 192.34.2.8
```

set appliance gateway6

Specifies the IPv6 address of the gateway for the **Intelligent Sandbox Appliance**.

Syntax:

```
set appliance gateway6 <A:B:C:D::E>
```

Parameter	Description
<A:B:C:D::E>	An IPv6 address.

Example:

```
set appliance gateway6 2400:0:44a:5::1
```

set appliance ip

Specifies the **Intelligent Sandbox Appliance** IPv4 address and subnet mask. Changing the IP address requires a restart for the changes to take effect. See the `reboot` command for instructions on how to reboot the **Intelligent Sandbox Appliance**.

Syntax:

`set appliance ip <A.B.C.D E.F.G.H>`

Parameter	Description
<A.B.C.D E.F.G.H>	Indicates an IPv4 address followed by a netmask. The netmask strips the host ID from the IP address, leaving only the network ID. Each netmask consists of binary ones (decimal 255) to mask the network ID and binary zeroes (decimal 0) to retain the host ID of the IP address(For example, the default netmask setting for a Class C address is 255.255.255.0).
dhcp	Allows **Intelligent Sandbox Appliance** to receive its IP configuration from a DHCP server.

Example:

`set appliance ip 192.34.2.8 255.255.0.0`

set appliance ipv6

Specifies the **Intelligent Sandbox Appliance** IPv6 address and the prefix length of an appliance. If you change the IP address, you must restart the appliance. See the `reboot` command for instructions to reboot the **Intelligent Sandbox Appliance**.

Syntax:

```
set appliance ipv6 <A:B:C:D::E> <1-128>
```

Parameter	Description
<A:B:C:D::E>	An IPv6 address followed by a prefix length.
<1-128>	Prefix length of the appliance that ranges from 1-128.

Example:

```
set appliance ipv6 2400:0:44a:5::182:76 64
```

set appliance name

Sets the name of the **Intelligent Sandbox Appliance**. This name is used to identify the **Intelligent Sandbox Appliance** if you integrate it with **Network Security Platform**.

Syntax:

```
set appliance name <WORD>
```

Parameter	Description
<WORD>	Indicates a case-sensitive character string up to 25 characters. The string can include hyphens, underscores, and periods, and must begin with a letter.

Example:

```
set appliance name SanJose_MATD1
```

set gti dns check

This command requires DNS to be set for **McAfee GTI** to work. By default this command is set to disabled, which means that if there is no internet access, **McAfee GTI** works fine. If this command is enabled, **McAfee GTI** will not work unless **Intelligent Sandbox** is connected to the Internet and resolves **McAfee GTI** lookup URLs. You need to restart amas for these changes to reflect in **Intelligent Sandbox**.

Syntax: `set gti dns check <enable><disable>`

Example:
```
ATD-6000> set gti dns check enable
```

```
DNS access check is now enabled
```

```
ATD-6000> set gti dns check disable
```

```
DNS access check is now disabled
```

set gti server ip <Private Cloud IP>

Sets to a valid GTI Private Cloud using its IP address.

Syntax:

```
set gti server ip <Private Cloud IP>
```

Parameter	Description
<Private Cloud IP>	Enter the IP address for the GTI Private Cloud.

set gti server url <Domain Name>

Sets to a valid GTI Private Cloud using its URL.

Syntax:

```
set gti server url <Domain Name>
```

Parameter	Description
<Domain name>	Enter the URL for the GTI Private Cloud.

set gti server ip 0.0.0.0

Resets GTI to Public Cloud.

Syntax:

```
set gti server ip 0.0.0.0
```

set gti server url 0.0.0.0

Resets GTI to Public Cloud.

Syntax:

`set gti server url 0.0.0.0`

set intfport

Enable or disable the **Intelligent Sandbox** interface ports.

Syntax:

`set intfport <1><2><3> <enable><disable>`

Example: `set intfport 1 enable`

set intfport <1-3> ipdelete <ip address>

Removes IP addresses assigned to an interface.

Syntax:

`set intfport <1-3> ipdelete <ip address>`

Parameter	Description
<1-3>	Enter one of the three available ports.
<ip address>	Enter the IP address that you want to remove.

Example:

```
set intfport 1 ipdelete 0.0.0.0
Interfaceport 1 IP deleted successfully
```

set intfport auto

Sets an interface port to auto-negotiate the connection with the immediate network device.

Syntax:

`set intfport <1><2><3> auto`

Example:

```
set intfport 1 auto
```

set intfport ip

Sets an IP address to an interface port.

Syntax:

```
set intfport <1><2><3> ip A.B.C.D E.F.G.H
```

Example:

```
set intfport 1 ip 10.10.10.10 255.255.255.0
```

set intfport speed duplex

Configures the speed and duplex setting on the specified interface port.

Syntax:

```
set intfport <1><2><3> speed <10 | 100> duplex <half | full>
```

Parameter	Description
<1> <2> <3>	Specifies the interface port ID that you want to use to configure the speed and duplex.
<10 | 100>	Configures the speed on the interface port. The speed value can be either 10 or 100.
<half | full>	Configures the duplex setting on the interface port. Set the value "half' for half duplex, and full for 'full' duplex.

Example:

```
set intfport 1 speed 100 duplex full
```

set ipAddressSwap

When you submit samples for analysis through **Network Security Platform**, the source and destination IP information is swapped for the submitted samples.

To reverse the aberration caused by **Network Security Platform**, **Intelligent Sandbox** enables `set IPAddressSwap` command. This command nullifies the swap effect of **Network Security Platform** and displays the correct the source and destination IP information for samples submitted through **Network Security Platform**. When samples are submitted from **Forcepoint NGFW** to **Intelligent Sandbox**, the source and destination IP information are displayed correctly. Based on the preference, you can use the following command to enable or disable IPAddressSwap.

Syntax: `set ipAddressSwap <enable><disable>`

By default, set ipAddressSwap is enabled.

Example: `set ipAddressSwap enable`

set ldap enable|disable

Enables or disables LDAP authentication. Make sure that all LDAP parameters are configured correctly in the web interface to use this command LDAP.

Syntax:

`set ldap enable|disable`

Parameter	Description
enable	Enables LDAP authentication.
disable	Disable LDAP authentication.

Example:

```
set ldap disable
Disabling ldap support...

Note:
Authentication method got changed!
Terminating matdcli session in 10 seconds!
Please login again!
```

set malware-dns

Use this command to configure the malware DNS IPv4/IPv6 that **Intelligent Sandbox** uses to route the malware DNS queries.

Syntax:

`set malware-dns A.B.C.D/A:B:C:D::E`

Example:

```
set malware-dns 192.168.200.110
```

```
set malware-dns 2001:4860:4860::6464
```

set malware-intfport

Configure the required port to route Internet traffic from an analyzer VM.

Note

Before you run this command, make sure that the required port is enabled and configured with an IP address.

Syntax: `set malware-intfport <1><2><3> gateway A.B.C.D`

Example: `set malware-intfport 1 gateway 10.10.10.252`

Run the `show intfport 1` and verify the `Malware Interface Port` and `Malware Gateway` entries.

Intelligent Sandbox uses the configured port to provide Internet access to analyzer VMs.

set mgmtport auto

Configures the network port to auto-negotiate the connection between the **Intelligent Sandbox Appliance** and the immediate network device.

This command has no parameters.

Syntax:

`set mgmtport auto`

Default Value:

By default, the network port is set to **auto** (auto-negotiate).

set malware-intfport mgmt

By default, Internet access to analyzer VMs is through the **Trellix Intelligent Sandbox**'s management port (eth-0). Use this command, if you had configured a different port for routing Internet traffic and want to revert to the management port.

Syntax: `set malware-intfport mgmt`

Run the `show intfport mgmt` and verify the `Malware Interface Port` and `Malware Gateway` entries.

Trellix Intelligent Sandbox uses the management port to provide Internet access to analyzer VMs.

set maxusers

Enables you to configure **Intelligent Sandbox** users limit from the range 128 to 512. By default, the value is set to 128.

Syntax: `set maxusers <128-512>`

Parameter	Description
<128-512>	Specifies the number of users you can create in the range from 128 to 512.

When the action is successful, the command displays a following message.

```
Max users value is set
```

Example:

```
set maxusers 250
```

Sample output:

```
set maxusers 250
Max users value is set to 250
```

set mgmtport speed and duplex

Configures the network port to match the speed of the network device connecting to the **Intelligent Sandbox Appliance**, then runs in full- or half-duplex mode.

Syntax:

```
set mgmtport <speed <10 | 100> duplex <full | half>>
```

Parameter	Description
<10|100>	Specifies the speed on the Ethernet network port. The speed value can be either 10 or 100 Mbps. To set the speed to 1000 Mbps, use the set mgmtport auto command.

Parameter	Description
<half|full>	Specifies the duplex setting on the Ethernet network port. • half — Half duplex • full — Full duplex

Default Value:

By default, the network port is set to **auto** (auto-negotiate).

set pdflinks

Enable or disable validation operation performed by **McAfee GTI** on links embedded inside PDFs during dynamic analysis.

Syntax: `set pdflinks<enable><disable>`

Sample Output: `set pdflinks enable Enable pdflinks operation`

set emailConnector interface

Enables you to configure any ethernet port as EC interface, **Intelligent Sandbox** opens **port 25** on the configured interface .The default Email Connector interface is **mgmt**.

Syntax

```
set emailConnector interface <mgmt> <intf1> <intf2> <intf3>
```

Example

```
set emailConnector interface intf3
```

set fips enable|disable

Enables or disables FIPS mode in **Intelligent Sandbox**

Syntax:

```
set fips enable
```

This will enable FIPS mode in **Intelligent Sandbox**.Device will go on reboot to take into effect.

`set fips disable`:

This will disable FIPS mode in **Intelligent Sandbox**.Device will go on reboot to take into effect.

show fips:

This will show FIPS enabled/disabled in **Intelligent Sandbox** .

set filesizes

Enables you to change the minimum and maximum file sizes.

Syntax:

```
set filesizes <type number> <minimum size> <maximum size> <restart engine>
```

Parameter	Description
type number	Type of file submitted for analysis.
minimum size	Minimum file size.
maximum size	Maximum file size.
restart engine	Uses a value of 1 or 0. 1 — Restart AMAS service; this is needed for NSP and NGFW integration. 0 — Keeps AMAS service running; use this when submission is through GUI/RestAPI.

Type number	File description	Default Minimum Size	Default Maximum Size	Configurable Minimum	Configurable Maximum
1	Windows portable executable (PE) exe, dll or sys file	1024 bytes	10 MB	100	128000000
2	PDF document file with .pdf extension	2048 bytes	25 MB	100	128000000

Type number	File description	Default Minimum Size	Default Maximum Size	Configurable Minimum	Configurable Maximum
3	Java class data file with .class extension	1024 bytes	5 MB	100	128000000
4	Microsoft Office older files with .doc, .ppt or .xls extension	5120 bytes	10 MB	100	128000000
5	Microsoft rich text format file with .rtf extension	1024 bytes	10 MB	100	128000000
6	.zip file, APK file, or newer Microsoft Office file with .docx, .pptx or .xlsx extension	200 bytes	20 MB	100	128000000
7	JPEG image file	5120 bytes	1 MB	100	128000000
8	PNG image file	5120 bytes	1 MB	100	128000000
9	GIF image/ bitmap file	5120 bytes	1 MB	100	128000000
10	Microsoft DOS executable file	1024 bytes	5 MB	100	128000000

Type number	File description	Default Minimum Size	Default Maximum Size	Configurable Minimum	Configurable Maximum
	with .com extension				
11	Flash file with .swf extension	1024 bytes	5 MB	100	128000000
12	7-zip compressed archive file with .7z extension	200 bytes	10 MB	100	128000000
13	RAR compress archive file with .rar extension	200 bytes	10 MB	100	128000000
14	Microsoft cabinet compressed archive file with .cab and .msi extension	200 bytes	10 MB	100	128000000
15	Miscellaneous text or script files, such as .js, .bat, .vbs, .xml, .URL, .htm.	100 bytes	1 MB	100	128000000
16	ACE archive data	200 bytes	10 MB	100	128000000

Type number	File description	Default Minimum Size	Default Maximum Size	Configurable Minimum	Configurable Maximum
17	Gzip archive data	100 bytes	10 MB	100	128000000
18	ISO 9660 CD-ROM filesystem data	100 bytes	10 MB	100	128000000
19	News or mail, ASCII text, with CRLF line terminators	100 bytes	10 MB	100	128000000
20	XZ compressed data	200 bytes	10 MB	100	128000000

For example, if you want to change the minimum file size of a JPEG image file to 300 bytes, then run the command: `set filesizes 7 300 1000000 0`.

Note

Make sure that the file size you specify is within the configurable minimum and configurable maximum value range.

Set FTP

When you upload files for analysis using an FTP client or when you import a VMDK file into **Intelligent Sandbox** to create an analyzer VM, you use SFTP since FTP is not supported by default. However, if you prefer to use FTP for these tasks, you can enable FTP.

Note

In Common Criteria (CC) mode, FTP is not supported.

Syntax: `set ftp <enable><disable>`

By default, FTP is disabled.

Example: `set ftp enable`

set internal net sandbox <ip address>

Sets new IP network for the sandbox VMs.

Syntax:

```
set internal net sandbox <ip address>
```

Parameter	Description
<ip address>	Type the IP address that you want to set for the sandbox VMs. Use one of the following IP addresses: • 192.168.122.0 • 192.168.50.0 • 192.168.112.0

set internal net emailconnector

Enable or Disable the IP network for the Email Connector. For more information on Email Connector, see ***Intelligent Sandbox Installation Guide***.

Syntax:

```
set internal net emailconnector <enable|disable>
```

Parameter	Description
<enable>	Enables the email connector network 192.168.55.0/24.
<disable>	Disables the email connector network 192.168.55.0/24.

logconfig

Set the debugging mode to be applied for logs.

Syntax: `logconfig <module> <enable> | <disable>`

The following information is displayed using this command:

```
AMAS         Enable logconfig support
  Summary      Disable logconfig support
  IPS
  AvDat
  CLI
  EPO
  Monitor
  Amaslib
  GTI
  GAM
  MAV
  Scanners
  LB
  DXL
  INI
  SNMP
  YARA
  TELEMETRY
  LDAP
  CONFIG
  TEP
  RestAdapter
  WrapperTool
```

set mar-timeout

Configure a timeout period after which **Intelligent Sandbox** stops querying MAR server for results. The supported timeout range is 1 to 3600 seconds.

Syntax: set mar-timeout <seconds>

Example:

```
>set mar-timeout 60
Updated the MAR timeout value to 60 seconds
```

set nsp-tcp-channel enable | disable

Enables or disables communication between **Network Security Platform** and **Intelligent Sandbox** over TCP.

set nsp-tcp-channel enable:

- This will switch **Intelligent Sandbox** to use TCP channel to communicate with **Network Security Platform**.
- When the command set nsp-tcp-channel enable is executed in **Intelligent Sandbox**, check the MATD channel in use in **Network Security Platform**.
- Log on to the Sensor CLI and enter into debug mode.
- Execute the CLI command show matd channel.
- If the MATD **Network Security Platform** channel type is seen as SSL, execute the CLI command switch matd channel tcp to switch to TCP channel .

- Execute set amchannelencryption off.

set nsp-tcp-channel disable:

- This will switch **Intelligent Sandbox** to use SSL encrypted channel to communicate with **Network Security Platform**.
- Encrypted data transfer from **Network Security Platform**.
    - When SSL encryption is enabled on **Intelligent Sandbox** and **Network Security Platform**, the data sent from **Network Security Platform** to **Intelligent Sandbox** is encrypted.
    - There would be no support for NULL cipher from 4.10.x release onwards.
- When the command set nsp-tcp-channel disable is executed in **Intelligent Sandbox**, check the MATD channel in use in **Network Security Platform**.
- Log on to the Sensor CLI and enter into the debug mode.
- If the MATD **Network Security Platform** channel type is seen as TCP, execute the CLI command switch matd channel SSL to switch to SSL channel.
- Execute set amchannelencryption on.

Syntax:

set nsp-tcp-channel enable | disable

Parameter	Description
enable	Enable TCP channel support
disable	Disable TCP channel support

Example:

```
set nsp-tcp-channel enable
NSP TCP Channel Support Enabled and restarted service
```

set network analysis

Intelligent Sandbox can analyze pcaps and provide more information regarding the network activities of the sample. By default, network analysis status is enabled and you can disable it from cli commands.

Syntax:

set network analysis enable:

Intelligent Sandbox can analyze pcap files and provide more information regarding the network activities of the sample.

set network analysis disable:

Intelligent Sandbox will not analyze pcap files.

`show network analysis status`:

Allows you to see status of network analysis.

set resultbackup <enable> <disable>

Use this command to back up old reports and results to the FTP server during disk cleanup. When enabled, **Intelligent Sandbox** backs up old reports and results before disk cleanup.

Syntax:

`set resultbackup <enable> <disable>`

set stixreportstatus

Use this command to enable or disable the STIX report generation.

This command has no parameters.

Syntax: `set stixreportstatus <enable><disable>`

By default, stixreportstatus is disabled.

Example: `set stixreportstatus <enable>`

set timeout <0-35791>

Sets timeout for the CLI session.

Syntax:

`set timeout <0-35791>`

Parameter	Description
<0-35791>	The command accepts the input value in **minutes**. The session timeout value is then displayed in seconds.

Example:

```
set timeout 600
CLI session timeout value set to 36000 seconds
```

set uilog

Sets the amount of web interface access information to be logged. Level ranges from 0 to 7.

Syntax:

```
set uilog <debuglevel>
```

Parameter	Description
<debuglevel>	Sets the amount of UI access information to be logged.

Example:

```
ATD-6000> set uilog 5
 new log level is 5
```

set ui-timeout

Specifies the number of minutes the **Intelligent Sandbox** web interface is inactive before the connection times out.

Syntax:

```
set ui-timeout <60 - 86400>
```

Parameter	Description
<60 - 86400>	You can set a timeout period from 60 to 86,400 seconds.

Example: `set ui-timeout 600`

Default Value: 15 minutes

show

Shows all the current configuration settings on the **Intelligent Sandbox Appliance**.

This command has no parameters.

Syntax: `show`

```
ATD-3000-62> show
[Appliance Info]
System Name: ATD-3000-62

Date: Tue Sep 25 11:27:34 2018
TZ Name: America/Los_Angeles
System Uptime: 20 hrs 28 min 25 secs
System Type: ATD-3000
Serial Number: A0A3308010
Software Version: 4.6.0.2
license Status: Valid License
Expires in: Never expires

MGMT Ethernet port: auto negotiated to 1000 mbps, full duplex, link up

[Appliance Network Config]
IP Address (dhcp): 10.71.119.62
IPv6 Address:   2403:0:55a:3::214:229/64
Netmask: 255.255.255.0
Default Gateway: 10.71.119.252
Default Gateway IPv6: 2403:0:55a:3::1
DNS domain: nai.org
primary nameserver: 161.69.96.5
secondary nameserver: 161.69.5.201
```

show consoleLogLevel

Syntax

show consoleLogLevel

Example

show consoleLogLevel

Console logging level 4

show dat version

View the current DAT version of analyzing options.

Syntax: show dat version

Sample Output:

```
AV  DAT    version=7868
AV  Engine version=5700
GAM DAT    version=3811
GAM Engine version=7001.1302.1842
```

show ds status

View the status of all analyzing options.

Syntax: `show ds status`

This command has no parameters.

Sample Ouptut:

```
GTI is alive
```

```
MAV is alive
```

```
GAM is alive
```

```
Yara is alive
```

show emailConnector

Displays the configured parameters for the EC along with the health status.

Syntax

```
show emailConnector
```

Information displayed by the `show emailConnector` command includes:

- **Email Connector status:** enabled or disabled
- **Listen Port:** SMTP port number that **Intelligent Sandbox** is listening on for the configured **Intelligent Sandbox** interface
- **Interface:** EC interface where **Intelligent Sandbox** is listening
- **Smart Hosts:** Configured relay host details
- **Maximum time per email:** Maximum time to wait for all scans to complete, default value is 600s
- **Normal Mode:** enabled or disabled
- **EC Health status:** Not Enabled or Healthy or Degraded
- **Skip Protected Files:** enabled or disabled.

show epo-stats nsp

Displays the number of requests sent to **McAfee ePO**, the count of responses received from **McAfee ePO**, and the count of requests that failed.

Syntax: `show epo-stats nsp`

This command has no parameters.

show filequeue

Displays the file queue statistics, such as the estimated average processing time, analyzing time, and files that are pending.

This command has no parameter.

Syntax:show filequeue

Following is the information displayed by the show filequeue command:

```
Processing  Time:    58.00
Analyzing   Time:    58.00
Files in waiting: 0
files in SandBox: 0
Estimated average processing time for all samples:    58.00 seconds
```

show filesizes

Displays all the filetypes supported by **Intelligent Sandbox** with details such as type number, minimum and maximum file size, and short description.

This command has no parameters.

Syntax:

show filesizes

Following is the information displayed by the show filesizes command:

Type number	File description	Minimum size	Maximum size
1	Windows portable executable (PE) file, PE+ file, dll and sys file	1024 bytes	10 MB
2	PDF document file with .pdf extension	2048 bytes	25 MB
3	Java class data file with .class extension	1024 bytes	5 MB
4	Microsoft Office older files with .doc, .ppt or .xls extension	5120 bytes	10 MB

Type number	File description	Minimum size	Maximum size
5	Microsfot rich text format file with .rtf extension	1024 bytes	10 MB
6	Zip file, APK file, or newer Microsoft Office file with .docx, .pptx or .xlsx extension	200 bytes	20 MB
7	JPEG image file	5120 bytes	1 MB
8	PNG image file	5120 bytes	1 MB
9	GIF image/bitmap file	5120 bytes	1 MB
10	Microsoft DOS executable file with .com extension	1024 bytes	5 MB
11	Flash file with .swf extension	1024 bytes	5 MB
12	7-zip compressed archive file with .7z extension	200 bytes	10 MB
13	RAR compress archive file with .rar extension	200 bytes	10 MB
14	Microsoft cabinet compressed archive file with .cab and .msi extension	200 bytes	10 MB
15	Miscellaneous text or script files, for	100 bytes	10 MB

Type number	File description	Minimum size	Maximum size
	example .js, .bat, .vbs, .xml, .py, .url, .htm etc		

show ftp

Use this command to know if FTP is enabled or disabled currently. By default, FTP is disabled.

Syntax: show ftp

show gti dns

Checks the status of DNS lookup for GTI queries. If the status is enabled, then ensure that **Intelligent Sandbox** has access to the DNS for the GTI queries to be generated.

Syntax:

show gti dns

This command has no parameters.

Example:

```
show gti dns
DNS access check is disabled
```

show gti server

Displays the current configuration of your McAfee**McAfee GTI** integration.

Syntax:

show gti server

This command has no parameters.

Example:

```
show gti server
GTI Server configured to Private Cloud
Private Cloud address: example.com
```

show hardware

Displays hardware information based on the command parameter.

Syntax: `show hardware <parameter> <keyword>`

Note

This command is not available for Virtual **Intelligent Sandbox**.

Parameter	Description
<no parameter>	Displays the list of parameters for this command.
<keyword>	Replace with **save**. This optional keyword allows you to save the output to a file instead of displaying it. The file is saved in the ~**atdadmin** directory where it can be access using SFTP by logging on as atdadmin. The filenames are shown in the following table.
diskinfo	Display the RAID, HDD, and SSD diagnostic information.
ldtlog	Displays the LDT summary log. **Note:** Ensure that the run the ldt tool before you run this command. For more information, see *run ldt topic*.
rmm	Displays the RMM hardware and system firmware information.
sdr	Displays the repository entries and readings of the sensor data.

show history

Displays the list of CLI commands issued in the session.

Syntax: show history

This command has no parameters.

show internal net

Displays the list of all configured network.

Syntax:

show internal net

Example:

```
ATD-6000>show internal net
Name
Network                                 Status
------------------------------------
sandbox                                                         192.168.122.0   Active
emailconnector 192.168.55.0             Active
```

show intfport

Shows the status of the specified interface port or the management port of **Trellix Intelligent Sandbox**.

Syntax: show intfport <mgmt><1><2><3>

Information displayed by the show intfport command includes:

- Whether the port's administrative status is enabled or disabled.
- The port's link status.
- The speed of the port.
- Whether the port is set to half or full duplex.
- Total packets received.
- Total packets sent.
- Total CRC errors received.
- Total other errors received.
- Total CRC errors sent.
- Total other errors sent.
- IP address of the port.
- MAC address of the port.
- Whether the port is used to provide Internet access to analyzer VMs.
- If configured to provide Internet access to analzyer VMs, then the corresponding gateway for this traffic.

show ipAddressSwap

Use this command to know if ipAddressSwap is enabled or disabled currently. By default, FTP is enabled.

Syntax: show IPAddressSwap

See also: set ipAddressSwap .

show ldap

Displays the configured parameters for LDAP authentication.

Syntax:

show ldap

This command has no parameters.

Example:

```
show ldap
+++++ LDAP Configuration +++++
LDAP username           : (null)
Base DN                 : (null)
LDAP Login Attribute    : (null)
LDAP Search scope       : subtree
LDAP Auth Method        : Simple
LDAP Server             : IP:[(null)] Port:[0]
LDAP Service status     : DOWN
LDAP Fallback status    : DISABLE
```

show license info

Displays the license information of the appliance.

Syntax:

show license info

This command has no parameters.

Example:

```
show license info
ATD License Manager, on non-license-restricted platform
Authorized to SystemId  : NA
Valid before date       : Infinity
```

show license status

Displays the license status of the appliance.

Syntax:

`show license status`

This command has no parameters.

Example:

```
show license status
ATD License Manager, on non-license-restricted platform
Valid License
```

show logconfig

Lists the current debug mode employed for debugging.

Syntax: `show logconfig`

This command has no parameters.

Sample Output: `Logging is ON, mode: send to syslog`

show mar-timeout

Displays a configured timeout period after which **Intelligent Sandbox** stops querying MAR server for results.

Syntax: `show mar-timeout`

This command has no parameters.

Default value: 60 Seconds.

Sample Output: `MAR Timeout is currently set to 90 seconds`

show maxusers

View the maximum users configured on **Intelligent Sandbox**.

Syntax: `show maxusers`

Sample output:

```
Max users configured is 250
Max users configured is 315
Max users configured is 512
```

show pdflinks

view whether or not validation operation is performed by **McAfee GTI** on links embedded inside PDFs during dynamic analysis.

Syntax: `show pdflinks`

This command has no parameters.

Sample Output: `GTI validation of PDF URLs is OFF`

show msu

Displays all the msu files copied to **Intelligent Sandbox** via SFTP.

Syntax: `show msu`

show nsp scandetails

Shows the file scan details regarding the integrated IPS Sensors.

Syntax: `show nsp scandetails <Sensor IP address>`

If you do not specify the Sensor IP address, the details are displayed for all the Sensors integrated with the **Intelligent Sandbox Appliance**.

Information displayed by the `show nsp scandetails` command includes:

- The IP address of the IPS Sensor.
- Total number of packets received from the Sensor.
- Total number of packets sent to the Sensor.
- The timestamp of when the last packet was sent to and received from the Sensor.
- The encryption method used for the communication with the Sensor.
- Session handle null counts.
- Count of internal errors.
- Count of unknown commands received from the Sensor.
- File string null.
- File data null.
- Count of unknown files.
- Count of out of order packets.
- Count of MD5 mismatches between what was sent by the Sensor and what was calculated by **Intelligent Sandbox**.
- Count of memory allocation failures.
- File transfer timeout.

- New file count.
- Count of shared memory allocation failures.
- Count of the number of static analysis responses sent.
- Count of the number of dynamic analysis responses sent.
- Count of scan request received.
- MD5 of the last file that was streamed by the Sensor.

show nsp-ssl-channel-encryption status

Displays the SSL channel encryption status for **Network Security Platform**.

Syntax:

show nsp-ssl-channel-encryption status

Parameter	**Description**
status	Displays the SSL channel encryption status for **Network Security Platform**.

Example:

```
show nsp-ssl-channel-encryption status
NSP SSL Channel Encryption is Enabled.
```

show port80

Displays the status of HTTP port 80.

Syntax:

show port80

This command has no parameters.

Example:

```
show port80
HTTP port 80 is closed or blocked
```

show port

The command displays whether the port (24, 8505, 6080) is enabled or disabled.

Syntax:

show port

Sample Output:

For vATD,

```
Port 6080: Enabled on - eth0, eth1 | Disabled on - NA
Port 24: Enabled on all interfaces
Port 8505: Enabled on all interfaces
```

For ATD,

```
Port 6080: Enabled on - eth0, eth1, eth2, eth3 | Disabled on - NA
Port 24: Enabled on all interfaces
Port 8505: Enabled on all interfaces
```

show resultbackup

This command displays the resultbackup status.

Syntax:

show resultbackup

show route

Displays the routes that you configured using the route add command as well as the system IP routing table.

Syntax:

show route

The details from a sample output of the command in the following table.

System IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
10.10.10.0	0.0.0.0	255.255.255.0	U	0	0	0	mgmt
11.11.11.0	0.0.0.0	255.255.255.0	U	0	0	0	mgmt

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
12.12.0.0	0.0.0.0	255.255.0.0	U	0	0	0	mgmt
13.0.0.0	0.0.0.0	255.0.0.0	U	0	0	0	mgmt
0.0.0.0	10.10.10.253	0.0.0.0	UG	0	0	0	mgmt

show route6

Displays IPv6 routes that you have configured using the route add command as well as the system IP routing table.

Syntax:

```
show route6
```

System IP routing table

Destination	Next Hop	Flags	Metric	Ref	Use	Iface
2403:0:55a:3::/64	::	U	100	11	0	mgmt
fe80::/64	::	U	100	1	0	mgmt
fe80::/64	::	U	256	1	0	1
::/0	2403:0:55a:3::1	UG	100	17	0	mgmt
2403:0:55a:3::/128	::	Un	0	3	0	mgmt
2403:0:55a:3::214:229/128	::	Un	0	9	0	mgmt
fe80::/128	::	Un	0	3	0	mgmt

Destination	Next Hop	Flags	Metric	Ref	Use	Iface
fe80::20c:29ff:fe5a:7077/128	::	Un	0	7	0	mgmt
ff00::/8	::	U	256	4	0	mgmt

show stixreportstatus

Displays the current status of the stixreportstatus.

This command has no parameter.

Syntax: show stixreportstatus

Sample Output: STIX reporting is OFF

show system id

Displays the system ID.

Syntax:

show system id

This command has no parameters.

Example: show system id

```
71xxxxxxxx-xxxxxxx-xxxxx-xxxxxx-xxxxxxxxxxxxx
```

show taxii status

View the TAXII status of the STIX file published by **Intelligent Sandbox**.

Syntax: show taxii status

This command has no parameters.

Example:

```
[ TAXII Status for STIX file publish ]
Configuration                           : enable
```

```
Channel Status                           : UNKNOWN
Stix Files Received Count                : 0
Stix Files Published Count               : 0
Stix Files Queued Count                  : 0
```

show tepublisherstatus

Displays the status of **McAfee ePO** Threat Event Publisher.

Syntax:

`show tepublisherstatus`

This command has no parameters.

Example: `show tepublisherstatus`

```
********ePO Threat Event Publisher Status********

        tepublisher is not running
```

show timeout

Displays the CLI timeout.

Syntax: `show timeout`

This command has no parameters.

Example:

`show timeout`

```
CLI session timeout is 360000 seconds.
```

show ui-timeout

Displays the **Intelligent Sandbox** web interface client timeout in seconds.

Syntax: `show ui-timeout`

Sample output: `Current timeout value: 600`

show uilog

Check the current level of uilog.

This command has no parameters.

Syntax:

show uilog

Following is the information displayed by the **show uilog** command:

```
ATD-6000> show uilog
Current log level is 7
```

show version application

Displays the current and backup versions of the application software.

Syntax:

show version application

This command has no parameters.

Example:

```
ATD-3000-37> show version application
Current VERSION=3.8.0.21.58782
Current LastModifiedTime=2016-12-04 17:23:29

Backup  VERSION=3.8.0.19.58759
Backup  LastModifiedTime=2016-12-02 02:01:23
```

show version detection

Displays the current and backup versions of the detection software.

Syntax:

show version detection

This command has no parameters.

Example:

```
ATD-3000-37> show version detection
Current VERSION=3.8.0.161202.58782
Current LastModifiedTime=2016-12-04 17:23:40
```

show vmImage

This command displays the list of the VM Images in **Intelligent Sandbox**.

Synatx:

```
show vmImage
```

Example:

```
ATD-3000> show vmImage

android

winxpSp3

win7sp1

ATD-3000>
```

show waittime

Displays the wait time threshold set for **Email Gateway**.

Syntax: `show waittime`

Sample output: `Current MEG wait time threshold=780 seconds`

shutdown

Stops the **Intelligent Sandbox Appliance** so you can power it down.

Then, after about a minute, you can power down the **Intelligent Sandbox Appliance** manually and unplug both the power supplies. **Intelligent Sandbox Appliance** does not power off automatically. You must confirm that you want to shut it down.

This command has no parameters.

Syntax:

```
shutdown
```

status

Shows **Intelligent Sandbox** system status, such as the health and the number of files submitted to various engines.

This command has no parameters.

Note

In the output, **Sample files received count: #** shows the count of number of samples submitted to **Intelligent Sandbox** for analysis. When archive samples are submitted, this count increases based on the number of files extracted.

Syntax: status

Sample output:

System Health Status : good

Sample files received count: 300

Sample files submitted count: 300

GTI Scanner files submitted count: 50

GAM Scanner files submitted count: 100

MAV Scanner files submitted count: 200

Sandbox files submitted count: 25

Sandbox files finished count: 25

Sample files finished count: 300

Sample files error count: 0

sync detectionpkg

This command syncs detection packages from the Primary [Active] or Backup [Active] node to all other nodes in the LB cluster. Upon execution, this command displays a success, failure, or already-installed message for each node other than the active node.

Syntax:

sync detectionpkg

This command has no parameters.

```
sync detectionpkg
Are you sure to sync detection package to all nodes in cluster ?
Please enter Y to confirm: y
Syncing detection package to all nodes in cluster
10.253.214.183: SUCCESS
10.253.214.182: SUCCESS
Sync detectionpkg command executed successfully.
```

sync yara behaviorrules

This command syncs custom behavior rules from the Primary [Active] or Backup [Active] node to all other nodes in the LB cluster. Upon execution, this command displays a success, failure, or already-installed message for each node other than the active node.

Syntax:

sync yara behaviorrules

This command has no parameters.

```
sync yara behaviorrules
Are you sure to sync yara behavior rules to all nodes in cluster ?
Please enter Y to confirm: y
Syncing Current yara rule bheav.yara to all nodes in cluster
10.253.214.173: SUCCESS sync bheav.yara
10.253.214.22: SUCCESS sync bheav.yara
No Backup yara rule present in Active node, Executing sync command.
10.253.214.173: SUCCESS
10.253.214.22: SUCCESS
Sync yara behaviorrules command executed successfully.
```

terminal

Sets the number of lines to display on the **Intelligent Sandbox** web interface.

Syntax:

terminal <length>¦no

Parameter	Description
<length>	Sets the number of lines to display. The value ranges from 0 - 512.
no	Negates the previous command or sets the default value.

tcpdump

Capture tcpdump on any physical interface of **Intelligent Sandbox**.

Syntax: tcpdump <parameter>

Important

- Post tcpdump capture, the binary pcap files can be downloaded from **Intelligent Sandbox** web UI. File name: **atd_netdata.zip**.
- The maximum pcap file size is limited to 10 MB. The maximum pcap file count is limited to 25 files. **Maximum file size**: Once, the maximum size is reached tcpdump automatically begins recording to a new file. **Maximum file count**: Once, the maximum count is reached, tcpdump automatically overwrites the first and subsequent log file until the user stops the capture.

Parameter	Description
start	Starts the packet capture operation on the specified tcp dump. You can set custom port option using the following syntax: `tcpdump start <interface> <port options sepearted by underscore>` **Note:** `<interface>` is a required parameter. Interface value should be eth0, eth1, eth2, or eth3. **Example**: `tcpdump start eth0 host_8.8.8.8` To set multiple filters, use `and` and `or` operators separated by underscores. **Example**: `tcpdump start eth0 host_8.8.8.8_and_port_53`
stop	Stops the packet capture operation.
clean	Removes tcpdump results and .zip files.
listfiles	Displays tcpdump output files.
ls	Displays tcpdump output files.
save	Saves .zip archive of tcpdump results to atdadmin account.
status	Displays tcpdump progress status.

Parameter	Description
view	Displays tcpdump results.

unlockuser <username>

Unlock a locked account.

Syntax

`unlockuser <username>`

Parameter	Description
<username>	Enter the username of the locked user account.

Example

```
 unlockuser admin
Unlock user: admin
User unlocked!
```

update_avdat

By default, **Intelligent Sandbox** updates the DAT files for the **Trellix** Gateway Anti-Malware Engine and **Trellix** Anti-Malware Engine every 90 minutes. To update these files immediately, use the `update_avdat` command.

This command has no parameters.

Syntax: `update_avdat`

uploadSupportBundle

This command allows you to upload the support bundle to a specific FTP site.

The bundle includes the following logs:

- Configuration
- Diagnostic
- Debug
- System
- VM

- Install
- UI
- Integration
- Email connector
- Hardware
- Network capture pcap files
- LDT

Follow these steps to upload the support bundle.

1. In the console type `uploadSupportBundle`.
2. Type the relevant values and press **Enter** for each prompt. The command automatically creates the bundle, then uploads it to **<username>@<host IP>/<remote path>**.

vmlist

Displays a list of all the VMs configured in **Intelligent Sandbox**.

Syntax: `vmlist`

watchdog

The watchdog process reboots the **Intelligent Sandbox Appliance** when an unrecoverable failure is detected.

Syntax:

```
watchdog <on | off | status>
```

Parameter	Description
<on>	Enables the watchdog.
<off>	Disables the watchdog. Use it if the appliance reboots continuously due to repeated system failure.
<status>	Displays the status of the watchdog process.

whitelistMerge

Manually copy the Global Whitelist database of the Active node onto the Secondary or Backup nodes.

This is only a one-time activity, after which the Whitelist database of Secondary/Backup nodes is automatically overwritten by that of Active node at 0000 hours on a daily basis.

Syntax: whitelistMerge <cluster><standalone>

- `whitelistMerge <cluster>` executed on Active node of a cluster: In this scenario, the Global Whitelist database of the Active node is copied onto Secondary/Backup nodes and following sample output is displayed. **Sample Output**: `Performing merge of whitelist dB from LB cluster nodes`
- `whitelistMerge <cluster>` executed on Secondary node or Backup node of a cluster: In this scenario, the following sample output is displayed. **Sample Output**: `Not an active LB cluster node` `Execute this command from active node in LB mode`
- `whitelistMerge <standalone>` executed on a standalone **Intelligent Sandbox**: In this scenario, the following sample output is displayed. **Sample Output**: `Performing Whitelist Merge for standalone`

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