

**NAME**

`esets_mird` – ESETS MIRror http Daemon.

**SYNOPSIS**

`esets_mird` [ **OPTIONS** ]

**DESCRIPTION**

The Mirror http daemon enables ESETS Anti-Virus mirror http daemon execution.

**CONFIGURATION FILE OPTIONS**

The main ESETS configuration mechanism is assumed to be that using ESETS main configuration file. Note that most principles of this mechanism are described in the `esets.cfg(5)` manual page while this section contains only additional information related with the list of configuration file options valid for this particular module. Therefore we recommend user to become familiar with the above mentioned documentation prior reading this section.

**ESETS MODULE PRIVATE OPTIONS**

**agent\_enabled** = *yes/no*

type: bool

default: no

Enables/disables ESETS Anti-Virus mirror http daemon execution.

**listen\_addr** = *addr*

type: string

default: all available addresses

Defines address of the http server. Empty value means all available addresses.

**listen\_port** = *port*

type: integer

default: *port*=2221

Http daemon listening port.

**timeout\_client** = *value*

type: integer

default: *value* = 30

Timeout for the communication of **esets\_mird** agent with http client measured in seconds. The time limit starts to be measured since last message sent to the client. After no further message is sent during this period from the client the **esets\_mird** closes connection with both the client and server.

**auth\_mode** = *none/basic*

type: string

default: *mode*="none"

Defines http access authentication.

**username** = *name*

type: string

default: *username=""*

Defines username used for basic authentication.

**password** = *password*

type: string

default: *password=""*

Defines password used for basic authentication.

To start `esets_mird`, simply enable this agent and properly enable `mirror` option. Then (re)start `esets_daemon(8)`.

## ESETS MODULE COMMON OPTIONS

To get detailed description of ESETS module common options, please refer to the section **ESETS MODULE COMMON OPTIONS** of the `esets.cfg(5)` manual page.

## LOGGING

Logging functionality of the ESETS agent modules has been developed to fine tune or to troubleshoot the agent module performance. Thus all the ESETS agent modules support only logging using `syslogd` daemon which logs system messages on \*nix systems. To get more information on this topic please, refer to manual pages `syslog(2)`, `syslog.conf(5)` and `syslogd(8)`.

Regarding ESETS agent modules, this functionality can be invoked by setting ESETS module common configuration option `syslog_facility` to value other than **none**. To get description of the introduced ESETS module common configuration options please, refer to `esets.cfg(5)` manual page.

Once the `syslog` logging enabled, the ESETS agent module messages are logged with one of the following `syslog` priorities:

### LOG\_ERR

Error messages concerned with the ESETS agent module performance are logged with this priority. Message logged with this priority usually means that error occurred during the ESETS agent module running and thus the module could not accomplish its operation or even the module process exited.

### LOG\_WARNING

Warning messages concerned with the ESETS agent module performance are logged or 'summary' messages concerned with action other than 'accept' taken as a consequence of object scanning status are logged with this priority.

### LOG\_NOTICE

The 'summary' messages concerned with action taken as a consequence of object scanning status are logged with this priority.

### LOG\_INFO

The common tasks are logged with this priority.

### LOG\_DEBUG

Debug information concerned with the ESETS agent module performance is logged with this priority.

## COMMAND LINE OPTIONS

This section contains list of command line options valid for this module.

Note that present version of ESETS implements in general three types of command line options parameters:

Integer parameters accept integer values, e.g.:

**--integer-parameter 26**

For integer parameter it is also possible to append unit K (1K = 1024), M (1M=1024\*1024), G (1G=1024\*1024\*1024), e.g.:

#### **--integer-parameter 4K**

Boolean (logical) parameters do not accept any arguments. Their appearance in the command line automatically signal enabling of an appropriate functionality related with the parameter, e.g.:

#### **--bool-parameter**

Thus in order to provide negation of an appropriate logical parameter prescribe this parameter with --no, e.g.:

#### **--no-bool-parameter**

String parameters accept string values. They can be put into quotation marks, e.g.:

#### **--string-parameter "string value"**

Besides options on the command line, there are also commands. All ESETS programs accept at least these commands for displaying the version number and a simple help screen.

#### **-v, --version**

Print version information to stdout and exit.

#### **-h, --help**

Print help screen to stdout and exit.

### **REPORTING BUGS**

In order to report bugs, please visit <http://www.eset.com/support> <URL:http://www.eset.com/support> or use directly the support form at <http://www.eset.eu/support/form> <URL:http://www.eset.eu/support/form>.

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### **SEE ALSO**

esets\_cgp(1) esets\_cli(1) esets\_dac(1) esets\_ftp(1) esets\_gwia(1) esets\_http(1) esets\_icap(1) esets\_imap(1) esets\_mda(1) esets\_mird(1) libesets\_pac.so(1) esets\_pipe(1) esets\_pop3(1) esets\_smfi(1) esets\_smtp(1) esets\_ssfi.so(1) esets\_wwwi(1) esets\_zmfi(1) esets(5) esets.cfg(5) esets\_daemon(8) esets\_inst(8) esets\_lic(8) esets\_quar(8) esets\_scan(8) esets\_set(8) esets\_update(8) eset\_efs\_userguide.pdf eset\_egs\_userguide.pdf eset\_ems\_userguide.pdf