

NAME

`esets_cli` – ESETS Command Line Interface module.

SYNOPSIS

`esets_cli` [**OPTIONS**] *FILE* ...

DESCRIPTION

CLI stands for Command Line Interface. The role of **esets_cli** is to scan all file system objects that are defined as a command line argument(s). The **esets_cli** agent accepts objects to be scanned, passes objects to the scanning daemon (`esets_daemon`) and returns status number appropriate to the scanning process. Scanning parameters are passed to **esets_cli** agent from the main ESETS configuration file (`esets.cfg`).

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

subdir = *yes/no*

type: bool

default: yes

Enables/disables recursive scanning of all subdirectories of the specified target(s).

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.

ESETS SCANNER COMMON OPTIONS

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

USER SPECIFIC CONFIGURATION

This module was primarily developed for co-operation with AMaViS and currently there is not known mechanism how to pass user (resp. recipient) information from AMaViS to `esets_cli`. Therefore this module does not have implemented user specific configuration functionality.

HANDLE OBJECT POLICY

The Handle Object Policy (see figure below) is a mechanism that provides handling of the scanned objects depending on their scanning status. The mechanism implemented in this module is based on so called action configuration options **action_av**, **action_av_infected** and **action_av_notscanned**. To get description of these configuration options, see `esets.cfg(5)` manual page.

```

action_av
|accept||scan||defer,discard,reject|  -> object not accepted
|
|  action_av_infected
|  action_av_notscanned
|  |accept||defer,discard,reject|  -> object not accepted
|  |
+-----+
object accepted

```

Every object processed by this module is first handled with respect to the setting of the configuration option **action_av**. Once this parameter is set to 'accept' (resp. 'defer', 'discard', 'reject') the object is accepted (resp. deferred, discarded, rejected). If the option is set to 'scan' the object is scanned for virus infiltrations

and set of action configuration options 'action_av_infected' and 'action_av_notscanned' is taken into account to evaluate further handling of the object.

NOTE: Please, note that the module has been written to integrate ESETS into the environment which does not allow to modify scanned objects and thus this functionality is disabled also in the module. Particularly, this means that this module ignores setting for configuration option **av_clean_mode**.

If action 'accept' has been taken as a result of the above action options the object is accepted i.e. the access to the object is allowed. On the other hand if any of action configuration options caused other than 'accept' value, the object is blocked, i.e. access to the object is denied.

You have probably noticed that each of the action configuration options discussed above accepts a variety of the values whose list can be found in esets.cfg(5) manual page. As also stated there the values listed are handled individually by every ESETS agent module. Thus to be consistent in the following we review the meaning of the values for this ESETS agent module.

accept Accept object on this level of Handle Object Policy, i.e. access to the object is allowed by the particular action configuration option.

scan Scan object for virus infiltrations.

defer, discard, reject

Block access to the object, i.e. the access to the object is denied by this particular action configuration option.

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 (1=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.

RETURN VALUES

- 0** Everything ok, object may be accepted.
- 1** Object has to be deferred.
- 2** Object has to be discarded.
- 3** Object has to be rejected.

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