

NAME

`esets_cgp` – ESETS external filter plug-in for Communicate Pro.

SYNOPSIS

`esets_cgp`

DESCRIPTION

The **esets_cgp** is external filter plug-in for CommuniGate Pro, which reads e-mail filenames from stdin, requests **esets_daemon** to scan it and responds with the status. It examines (but not modifies) the content of the e-mail and causes blocking of the message in case the body part of the e-mail contains infiltration.

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

The **esets_cgp** has not private options.

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 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 e-mail messages depending on their scanning status. The mechanism implemented in this module is based on so called action configuration options **action_av**, **action_av_infected**, **action_av_notscanned**, **action_as**, **action_as_spam** and **action_as_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
|
+-----+
|
|  action_as
|  |accept||scan||defer,discard,reject| -> object not accepted
|  |
|  |  action_as_notscanned
|  |  |accept||defer,discard,reject| -> object not accepted
|  |
+-----+
object accepted

```

Every e-mail message processed by this module is first handled with respect to the setting of the configuration option **action_av**. Once the option 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. If action 'accept' has been taken as a result of the three above action options the object processed shall be scanned for spam.

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**.

Note that the e-mail message is scanned for spam only in case the configuration option **action_as** is set to 'scan'. In this case the action configuration options **action_as_spam** and **action_as_notscanned** is taken into account. If action 'accept' (resp. 'defer', 'discard', 'reject') has been taken as a result of the two above action options the object is accepted for further delivery (resp. the object is deferred, discarded or rejected).

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 (resp. for spam).

defer Return temporary failure to sender.

discard
Accept object from sender, but drop it afterward.

reject Return permanent error to sender.

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 (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.

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