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Rocky Enterprise Linux 9.2 Manual Pages on command 'sos-clean.1'

$ man sos-clean.1

SOS(CLEAN)   SOS(CLEAN)

NAME

    sos clean - Obfuscate sensitive data from one or more sosreports

SYNOPSIS

    sos clean TARGET [options]

      [--domains]

      [--disable-parsers]

      [--keywords]

      [--keyword-file]

      [--map-file]

      [--jobs]

      [--no-update]

      [--keep-binary-files]

      [--archive-type]

DESCRIPTION

    sos clean or sos mask is an sos subcommand used to obfuscate sensitive

    information from previously generated sosreports that is not covered by

    the standard plugin-based post processing executed during report gener?

ation, for example IP addresses.

Data obfuscated via this utility is done so consistently, meaning for example an IP address of 192.168.1.1 in an unprocessed sosreport that gets obfuscated to, for example, 100.0.0.1, will be changed to 100.0.0.1 in all occurrences found in the report.

Additionally, by default all such obfuscations are stored in "maps" that will be persistently saved to /etc/sos/cleaner/default_mapping and be re-used on subsequent runs.

This utility may also be used in-line with sos report and sos collect by specifying the --clean or --mask option.

When called directly via sos clean, the obfuscated archive is written as an additional file, meaning the original unprocessed report still remains on the filesystem. When called via report or collect, the changes are done in-line and thus only an obfuscated archive is written and available. In either case, a mapping file containing the relation? ships between unprocessed and obfuscated elements will be written in the same location as the resulting archive. This mapping file should be kept private by system administrators.

REQUIRED ARGUMENTS

TARGET

The path to the archive that is to be obfuscated. This may be an ar? chive or an unbuilt sos temporary

directory. If an archive, it will first be extracted and then

after obfuscation is complete re-compressed using the same com? pression method as the original.

OPTIONS

--domains DOMAINS

Provide a comma-delimited list of domain names to obfuscate, in

addition to those matching the hostname of the system that cre?

ated the sosreport. Subdomains that match a domain given via

this option will also be obfuscated.

For example, if --domains redhat.com is specified, then 'red?

hat.com' will be obfuscated, as will 'www.redhat.com' and subdo?

mains such as 'foo.redhat.com'.

--disable-parsers PARSERS

Provide a comma-delimited list of parsers to disable when clean?

ing an archive. By default all parsers are enabled.

Note that using this option is very likely to leave sensitive

information in place in the target archive, so only use this op?

tion when absolutely necessary or you have complete trust in the

party/parties that may handle the generated report.

Valid values for this option are currently: hostname, ip, ipv6,

mac, keyword, and username.

--keywords KEYWORDS

Provide a comma-delimited list of keywords to scrub in addition

to the default parsers.

Keywords provided by this option will be obfuscated as "obfus?

catedwordX" where X is an integer based on the keyword's index

in the parser. Note that keywords will be replaced as both

standalone words and in substring matches.

--keyword-file FILE

Provide a file that contains a list of keywords that should be

obfuscated. Each word must be specified on a newline within the

file.

--map-file FILE

Provide a location to a valid mapping file to use as a reference

for existing obfuscation pairs. If one is found, the contents

are loaded before parsing is started. This allows consistency

between runs of this command for obfuscated pairs. By default,

sos will write the generated private map file to

/etc/sos/cleaner/default_mapping so that consistency is main?

tained by default. Users may use this option to reference a map

file from a different run (perhaps one that was done on another

system).

Default: /etc/sos/cleaner/default_mapping

--jobs JOBS

The number of concurrent archives to process, if more than one.
If this utility is called by sos collect then the value of the
jobs option for that utility will be used here.

Default: 4

--no-update

Do not write the mapping file contents to /etc/sos/cleaner/de?
fault_mapping

--keep-binary-files

Keep unprocessable binary files in the archive, rather than re?
moving them.

Note that binary files cannot be obfuscated, and thus keeping
them in the archive may result in otherwise sensitive informa?
tion being included in the final archive. Users should review
any archive that keeps binary files in place before sending to a
third party.

Default: False (remove encountered binary files)

--archive-type TYPE

Specify the type of archive that TARGET was generated as.   When
sos inspects a TARGET archive, it tries to identify what type of
archive it is. For example, it may be a report generated by sos
report, or a collection of those reports generated by sos col?
lect, which require separate approaches.

This option may be useful if a given TARGET archive is known to
be of a specific type, but due to unknown reasons or some mal?
formed/missing information in the archive directly, that is not
properly identified by sos.

The following are accepted values for this option:

    auto   Automatically detect the archive type

    report   An archive generated by sos report

    collect   An archive generated by sos collect

    insights   An archive generated by the insights-client
package

The following may also be used, however note that these do not

attempt to pre-load any information from the archives into the
parsers. This means that, among other limitations, items like
host and domain names may not be obfuscated unless an obfuscated
mapping already exists on the system from a previous execution.

data-dir   A plain directory on the filesystem.

tarball   A generic tar archive not associated with any

known tool

SEE ALSO

sos(1) sos-report(1) sos-collect(1) sos.conf(5)

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See AUTHORS file in the package documentation.