



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sos.conf.5' command***

### ***\$ man sos.conf.5***

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#### NAME

sos.conf - sosreport configuration

#### DESCRIPTION

sosreport uses a configuration file at `/etc/sos/sos.conf`, and there are subdirectories under `/etc/sos` that are used for specific purposes.

Note that non-root users may override options set in `/etc/sos/sos.conf` by creating their own `sos.conf` under `$HOME/.config/sos`.

The order in which options are loaded is as follows:

1. System configuration file at `/etc/sos/sos.conf`
2. User-specific configuration file at `$HOME/.config/sos/sos.conf`

(for sos

components that support non-root)

3. In the case of running sos report, presets either automatically loaded

due to system configuration, or specified via `--preset`

4. Command line values

In other words, config files will override defaults, presets override config files, and command line values override presets and config files.

#### SUBDIRECTORIES

The following subdirectories exist under `/etc/sos` and are used as noted below

## extras.d

This directory is used to store configuration files used by the `sos_extras` plugin.

The plugin traverses this directory and for each file there it executes commands or collects files optionally with `sizelimit`.

Expected content of an extras file is as follows:

- empty lines or those starting with '#' are ignored
- `add_copy_spec` called to lines starting by ':', optionally

followed by

`sizelimit`

- otherwise, whole line will be executed as a command.

Example:

```
command1 --arg1 val1
```

```
command2
```

```
:/path/to/file
```

```
:/path/to/files* sizelimit
```

WARNING: be careful what files to collect or what commands to execute:

- avoid calling potentially dangerous or system altering commands, like:
  - using multiple commands on a line (via pipes, semicolon etc.)
  - executing commands on background
  - setting env.variables (as those will be ignored)
  - altering a system (not only by "rm -rf")
- be aware, no secret obfuscation is made

## groups.d

This directory is used to store host group configuration files for `sos collect`.

These files can specify any/all of the primary, nodes, and cluster-type options.

Users may create their own private host groups in `$HOME/.config/sos/groups.d/`. If a host group of the same name is saved in

both the user's homedir and this directory, the homedir configuration file will have precedence. When run as non-root, sos collect will save host groups to the user's home dir, and create the necessary directory structure if required.

Note that non-root users may load host groups defined under /etc/sos/groups.d/, but they may not write new groups or update existing groups saved there.

#### presets.d

This directory is used to store preset configuration files for sos report.

Presets may be used to save standard sets of options. See man sos-report for more information.

## PARAMETERS

There are sections for each sos component, as well as global values and those for plugin options. Options are set using 'ini'-style name = value pairs. Disabling/enabling a boolean option is done the same way like on command line (e.g. process.lsof=off).

Some options accept a comma separated list of values.

Using options that don't expect a value (like all-logs or no-report) will result in enabling those options, regardless of value set.

Sections are parsed in the ordering:

- [global]
- [component]
- [plugin\_options]

#### [global]

<option> Sets (long) option value. Short options (i.e. z=auto)

are not supported.

#### [component]

Each component will have a separate section, and it will support the options that particular component provides. These are readily identifiable in the --help output for each component, E.G. sos report --help.

[plugin\_options]

Alter available options for defined (and loaded) plugins.

Takes the form plugin.option = value, for example rpm.rpmva = true.

## EXAMPLES

To use quiet and batch mode with 10 threads:

[global]

batch=yes

build=true

threads=10

To disable the 'host' and 'filesystem' plugins:

[report]

skip-plugins = host,filesystem

To disable rpm package verification in the RPM plugin:

[plugin\_options]

rpm.rpmva = off

## FILES

/etc/sos/sos.conf

\$HOME/.config/sos/sos.conf (optional)

## SEE ALSO

sos-report(1) sos-collect(1) sos-clean(1)

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