

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)
```