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# **sosreport:**

* The sosreport command is a tool that collects all configuration files, system information and diagnostic information from a Red Hat Enterprise System.
* It collects all information and stores the output in one place/archive.
* It will generate compressed file under /tmp (for RHEL 6 and earlier) or under /var/tmp (for RHEL 7 and later).
* To list out all available modules/plug-ins,

Command: sosreport -l

It will list out all enabled, disabled and currently available modules.

* To generate sosreport,

Command: sosreport

It requires human intervention.

* To generate sosreport in batch mode,

Command: sosreport --batch

It doesn’t require human intervention.

* To temporarily turn off/disable any module,

Command: sosreport -n <module name> **OR**

Command: sosreport -k <module name>**=on**

* To enable a disabled plug-in,

Command: sosreport -e <module name> **OR**

Command: sosreport -k <module name>**=off**

* To save sosreport output to another specified location than /tmp,

Command: sosreport --tmp-dir <desired location path>

Example: sosreport --tmp-dir /root/sos

* If sosreport hangs, fails to run, doesn’t run completely then run following script manually.

<https://access.redhat.com/solutions/68996>

* To generate sosreport when system is down and unable boot. In such a case, run sosreport in rescue mode:

<https://access.redhat.com/solutions/2872>