

**NAME**

**sa1** – Collect and store binary data in the system activity daily data file.

**SYNOPSIS**

```
/usr/lib/sysstat/sa1 [ --boot | interval count ]
```

**DESCRIPTION**

The **sa1** command is a shell procedure variant of the **sadc** command and handles all of the flags and parameters of that command. The **sa1** command collects and stores binary data in the current standard system activity daily data file.

The standard system activity daily data file is named *saDD* unless **sadc**'s option **-D** is used, in which case its name is *saYYYYMMDD*, where *YYYY* stands for the current year, *MM* for the current month and *DD* for the current day. By default it is located in the */var/log/sysstat* directory.

The *interval* and *count* parameters specify that the record should be written *count* times at *interval* seconds. If no arguments are given to **sa1** then a single record is written.

The **sa1** command is designed to be started automatically by the cron command.

**OPTIONS**

**--boot** This option tells **sa1** that the **sadc** command should be called without specifying the *interval* and *count* parameters in order to insert a dummy record, marking the time when the counters restart from 0.

**EXAMPLE**

To collect data (including those from disks) every 10 minutes, place the following entry in your root crontab file:

```
0,10,20,30,40,50 * * * * /usr/lib/sysstat/sa1 1 1 -S DISK
```

**Debian note**

The Debian sysstat package has already placed such an entry in your system crontab. Please refer to the */usr/share/doc/sysstat/README.Debian* file for details.

**FILES**

*/var/log/sysstat/saDD*

*/var/log/sysstat/saYYYYMMDD*

The standard system activity daily data files and their default location. *YYYY* stands for the current year, *MM* for the current month and *DD* for the current day.

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**SEE ALSO**

**sar**(1), **sadc**(8), **sa2**(8), **sadf**(1), **sysstat**(5)

<https://github.com/sysstat/sysstat>

<http://pagesperso-orange.fr/sebastien.godard/>