

**NAME**

**logksi sign** - Sign unsigned blocks for the given log file.

**SYNOPSIS**

**logksi sign** [*logfile*] [-o *out.logsig*] -S *URL* [--aggr-user *user* --aggr-key *key*] [*more options*]

**DESCRIPTION**

Signs the unsigned log blocks in a log signature file of a given *logfile*. The name of the log signature file is expected to be *logfile.logsig*. If no *logfile* is given, input is read from *stdin* and should correspond to a log signature file.

**logksi sign** provides the recovery signing functionality for cases when some log blocks have been left unsigned during routine signing/logging. For instance, when the KSI service was not reachable.

User must have access to KSI signing service (KSI Aggregator) for signing.

**OPTIONS**

**-o** *out.logsig*

Specify the name of the output log signature file. If not specified, the input file *logfile.logsig* is modified. The backup of the original log signature file will be saved to *logfile.logsig.bak*. If the output file name is explicitly specified, an existing file will always be overwritten and no backup file will be created. Use '-' as file name to redirect the output as a binary stream to *stdout*.

**-S** *URL* Specify the signing service (KSI Aggregator) URL.

**--aggr-user** *user*

Specify the username for signing service.

**--aggr-key** *key*

Specify the HMAC key for signing service.

**-d** Print detailed information about processes and errors to *stderr*.

**--show-progress**

Print signing progress. Only valid with -d.

**--conf** *file*

Read configuration options from the given file. It must be noted that configuration options given explicitly on command line will override the ones in the configuration file. See **logksi-conf**(5) for more information.

**--log** *file*

Write libksi log to the given file. Use '-' as file name to redirect the log to *stdout*.

**EXIT STATUS**

See **logksi**(1) for more information.

**EXAMPLES**

In the following examples it is assumed that KSI service configuration options (URLs, access credentials) are defined. See **logksi-conf**(5) for more information.

- 1 To sign unsigned blocks in log signature file */var/log/secure.logsig* and save the amended log signature file in */var/log/secure-signed.logsig*:

```
logksi sign /var/log/secure -o /var/log/secure-signed.logsig
```

- 2 To sign unsigned blocks in log signature file */var/log/secure.logsig* and save the result in the same file after creating the respective backup file */var/log/secure.logsig.bak*:

```
logksi sign /var/log/secure
```

**ENVIRONMENT**

Use the environment variable **KSI\_CONF** to define the default configuration file. See **logksi-conf**(5) for more information.

LOGKSI-SIGN(1)

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**SEE ALSO**

**logksi(1), logksi-extend(1), logksi-integrate(1), logksi-verify(1), logksi-conf(5)**