

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*. Log signature file is expected to be *logfile.logsig*. If no *logfile* is given, input is read from *stdin* and should correspond to log signature file.

During log signing, some blocks of a log file may remain unsigned. For instance, when the KSI service is not reachable.

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

OPTIONS

-o *out.logsig*

Specify the output file path for the 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 output file name is explicitly specified, the existing file will always be overwritten and no backup file will be created. Use '-' as file name to redirect the output as 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*.

--conf *file*

Read configuration options from 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 given file. Use '-' as file name to redirect 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.

AUTHOR

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SEE ALSO

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