

NAME

hprop - propagate the KDC database

SYNOPSIS

```
hprop [-m file | --master-key=file] [-d file | --database=file] [--source=heimdal/mit-dump]
       [-r string | --v4-realm=string] [-c cell | --cell=cell] [-k keytab | --keytab=keytab]
       [-R string | --v5-realm=string] [-D | --decrypt] [-E | --encrypt] [-n | --stdout] [-v | --verbose]
       [--version] [-h | --help] [host[:port]] ...
```

DESCRIPTION

hprop takes a principal database in a specified format and converts it into a stream of Heimdal database records. This stream can either be written to standard out, or (more commonly) be propagated to a hpropd(8) server running on a different machine.

If propagating, it connects to all *hosts* specified on the command by opening a TCP connection to port 754 (service hprop) and sends the database in encrypted form.

Supported options:

-m file, --master-key=file

Where to find the master key to encrypt or decrypt keys with.

-d file, --database=file

The database to be propagated.

--source=heimdal/mit-dump/krb4-dump/kaserver

Specifies the type of the source database. Alternatives include:

heimdal a Heimdal database

mit-dump a MIT Kerberos 5 dump file

+.It Fl k Ar keytab , Fl Fl keytab=Ns Ar keytab The keytab to use for fetching the key to be used for authenticating to the propagation daemon(s). The key *hprop/hostname* is used from this keytab. The default is to fetch the key from the KDC database.

-R string, --v5-realm=string

Local realm override.

-D, --decrypt

The encryption keys in the database can either be in clear, or encrypted with a master key. This option transmits the database with unencrypted keys.

-E, --encrypt

This option transmits the database with encrypted keys.

-n, --stdout

Dump the database on stdout, in a format that can be fed to hpropd.

EXAMPLES

The following will propagate a database to another machine (which should run hpropd(8)):

```
$ hprop slave-1 slave-2
```

SEE ALSO

hpropd(8)