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)