

NAME

k5ping - kerberos server ping utility

SYNOPSIS

k5ping [-459tuv] [-n *num*] [-p *princ*] [-P *pass*] [-S *sprinc*] *kdc* [*kdc* ...]

DESCRIPTION

k5ping tests various operations against each of the KDCs on the command line. By default, **k5ping** will perform the follow list of actions:

1. Authenticate to Kerberos 5 via TCP,
2. Use the resulting credential to request a service ticket for *sprinc*,
3. Authenticate to Kerberos 5 via UDP,
4. Use the resulting credential to request a service ticket for *sprinc*,
5. Use the credential from the last Kerberos 5 AS_REQ to request a Kerberos IV ticket for *sprinc*, via the krb524 service,
6. Authenticate to Kerberos IV, and use the credential to request a service ticket for *sprinc*.

By default **k5ping** will test Kerberos 5 TCP/UDP and Kerberos 524, but not Kerberos IV as its use has been deprecated.

This is useful for quickly verifying the health of a kerberos server, and is suitable for inclusion in shell/perl scripts that check out the sanity of the Kerberos 5 world.

The options are as follows:

- 4 Test Kerberos IV.
- 5 Test Kerberos 5.
- 9 Test krb524.
- n *num* Loop over the test *num* times.
- P *pass* The password for the client principal.

- p** *princ* Client principal.
- S** *sprinc* The service principal.
- t** Use TCP when testing Kerberos 5.
- u** Use UDP when testing Kerberos 5.
- v** Increment verbose level. May be specified more than once.

SEE ALSO

kinit(1), krb524init(1), and kvno(1).

BUGS

Princ and *sprinc* must be in the same realm.

If Kerberos IV is used, then temporary files are used in */tmp*.