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*.