Red Hat Enterprise Linux Release 9.2 Manual Pages on 'k5identity.5' command

$ man k5identity.5

K5IDENTITY(5)   MIT Kerberos   K5IDENTITY(5)

NAME

   k5identity - Kerberos V5 client principal selection rules

DESCRIPTION

   The .k5identity file, which resides in a user's home directory, con?

   tains a list of rules for selecting a client principals based on the

   server being accessed.   These rules are used to choose a credential

   cache within the cache collection when possible.

   Blank lines and lines beginning with # are ignored. Each line has the

   form:

     principal field=value ...

   If the server principal meets all of the field constraints, then prin?

   cipal is chosen as the client principal. The following fields are rec?

   ognized:

   realm If the realm of the server principal is known, it is matched

        against value, which may be a pattern using shell wildcards.

        For host-based server principals, the realm will generally only

        be known if there is a domain_realm section in krb5.conf(5) with

a mapping for the hostname.

service

    If the server principal is a host-based principal, its service

    component is matched against value, which may be a pattern using

    shell wildcards.

host   If the server principal is a host-based principal, its hostname

    component is converted to lower case and matched against value,

    which may be a pattern using shell wildcards.

    If the server principal matches the constraints of multiple

    lines in the .k5identity file, the principal from the first

    matching line is used. If no line matches, credentials will be

    selected some other way, such as the realm heuristic or the cur‐

    rent primary cache.

EXAMPLE

The following example .k5identity file selects the client principal al‐
ice@KRBTEST.COM if the server principal is within that realm, the prin‐
cipal alice/root@EXAMPLE.COM if the server host is within a servers
subdomain, and the principal alice/mail@EXAMPLE.COM when accessing the
IMAP service on mail.example.com:

```
alice@KRBTEST.COM       realm=KRBTEST.COM
alice/root@EXAMPLE.COM  host=*.servers.example.com
alice/mail@EXAMPLE.COM  host=mail.example.com service=imap
```

SEE ALSO

kerberos(1), krb5.conf(5)

AUTHOR

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