

NAME

mehc, qop - GSS-API Mechanism and QOP files

SYNOPSIS

/etc/gss/mehc /etc/gss/qop

DESCRIPTION

The */etc/gss/mehc* file contains a list of installed GSS-API security mechanisms. Each line of the file either contains a comment if the first character is '#' or it contains five fields with the following meanings:

Name The name of this GSS-API mechanism.

Object identifier The OID for this mechanism.

Library A shared library containing the implementation of this mechanism.

Kernel module Optional kernel module containing the implementation of this mechanism (not yet supported in FreeBSD).

Library options Optional parameters interpreted by the mechanism. Library options must be enclosed in brackets ([]) to differentiate them from the optional kernel module entry.

The first mechanism listed in */etc/gss/mehc* is the default mechanism. This mechanism will be used by `gss_init_sec_context(3)` if the user doesn't specify a specific mechanism.

The */etc/gss/qop* file contains a list of Quality of Protection values for use with GSS-API. Each line of the file either contains a comment if the first character is '#' or it contains three fields with the following meanings:

QOP string The name of this Quality of Protection algorithm.

QOP value The numeric value used to select this algorithm for use with GSS-API functions such as `gss_get_mic(3)`.

Mechanism name The GSS-API mechanism name that corresponds to this algorithm.

EXAMPLES

This is a typical entry from */etc/gss/mehc*:

```
kerberosv5      1.2.840.113554.1.2.2    /usr/lib/libgssapi_krb5.so.8  -
```

This is a typical entry from */etc/gss/qop*:

```
GSS_KRB5_CONF_C_QOP_DES      0x0100  kerberosv5
```

HISTORY

The **mech** manual page first appeared in FreeBSD 7.0.

AUTHORS

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