NAME

mech, qop - GSS-API Mechanism and QOP files

SYNOPSIS

/etc/gss/mech /etc/gss/qop

DESCRIPTION

The /etc/gss/mech 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/mech 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/mech:

MECH(5) FreeBSD File Formats Manual MECH(5)

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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