

Authen::SASL::Perl::DIGEST_MD5(3pm)

Authen::SASL::Perl::DIGEST_MD5(3pm) User Contributed Perl Documentation Authen::SASL::Perl::DI

NAME

Authen::SASL::Perl::DIGEST_MD5 - Digest MD5 Authentication class

SYNOPSIS

```
use Authen::SASL qw(Perl);
$sasl = Authen::SASL->new(
    mechanism => 'DIGEST-MD5',
    callback => {
        user => $user,
        pass => $pass,
        serv => $serv
    },
);
```

DESCRIPTION

This method implements the client and server parts of the DIGEST-MD5 SASL algorithm, as described in RFC 2831.

CALLBACK

The callbacks used are:

client

authname The authorization id to use after successful authentication

user The username to be used in the response

pass The password to be used to compute the response.

serv The service name when authenticating to a replicated service

realm The authentication realm when overriding the server-provided default.
If not given the server-provided value is used.

The callback will be passed the list of realms that the server provided in the initial response.

server

realm The default realm to provide to the client

getsecret(username, realm, authzid) returns the password associated with
“username” and “realm”

PROPERTIES

The properties used are:

maxbuf The maximum buffer size for receiving cipher text

minssf The minimum SSF value that should be provided by the SASL security layer. The default is 0

maxssf The maximum SSF value that should be provided by the SASL security layer. The default is 2^{*31}

externalssf The SSF value provided by an underlying external security layer. The default is 0

ssf The actual SSF value provided by the SASL security layer after the SASL authentication phase has been completed. This value is read-only and set by the implementation after the SASL authentication phase has been completed.

maxout The maximum plaintext buffer size for sending data to the peer. This value is set by the implementation after the SASL authentication phase has been completed and a SASL security layer is in effect.

SEE ALSO

Authen::SASL, Authen::SASL::Perl

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Please report any bugs, or post any suggestions, to the perl-ldap mailing list <perl-ldap@perl.org>

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