NAME

sasl_getprop - Cyrus SASL documentation

SYNOPSIS

#include <sasl/sasl.h>

int sasl_getprop(sasl_conn_t *conn,
        int propnum,
        const void ** pvalue);

DESCRIPTION

int sasl_getprop(sasl_conn_t *conn,

int propnum,

const void ** pvalue);

sasl_getprop gets the value of a SASL property. For example after successful authentication a server may wish to know the authorization name. Or a client application may wish to know the strength of the negotiated security layer.

Parameters

- **conn** - is the SASL connection context

- **propnum** - is the identifier for the property requested

- **pvalue** -

  is filled on success. List of properties:

  - SASL_USERNAME - pointer to NUL terminated user name

  -

    SASL_SSF - security layer security strength factor,
      if 0, call to sasl_encode(3), sasl_decode(3) unnecessary

  - SASL_MAXOUTBUF - security layer max output buf unsigned

⊕ SASL_DEFUSERREALM - server authentication realm used

⊕ SASL_GETOPTCTX   - context for getopt callback

⊕ SASL_IPLOCALPORT - local address string

⊕ SASL_IPREMOTEPORT - remote address string

⊕ SASL_SERVICE   - service passed to *sasl_*_new*

⊕ SASL_SERVERFQDN   - serverFQDN passed to *sasl_*_new*

⊕

    SASL_AUTHSOURCE - name of auth source last used, useful for failed
authentication tracking

⊕ SASL_MECHNAME   - active mechanism name, if any

⊕ SASL_PLUGERR   - similar to *sasl_errdetail*

RETURN VALUE

SASL callback functions should return SASL return codes. See sasl.h for a complete list. **SASL_OK** indicates success.

Other return codes indicate errors and should be handled.

SEE ALSO

RFC 4422,:saslman:*sasl(3)*, sasl_errors(3) sasl_server_new(3), sasl_client_new(3)

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