

NAME

gnutls_credentials_set - API function

SYNOPSIS

```
#include <gnutls/gnutls.h>
```

```
int gnutls_credentials_set(gnutls_session_t session, gnutls_credentials_type_t type, void * cred);
```

ARGUMENTS

gnutls_session_t session
is a **gnutls_session_t** type.

gnutls_credentials_type_t type
is the type of the credentials

void * cred the credentials to set

DESCRIPTION

Sets the needed credentials for the specified type. E.g. username, password - or public and private keys etc. The *cred* parameter is a structure that depends on the specified type and on the current session (client or server).

In order to minimize memory usage, and share credentials between several threads gnutls keeps a pointer to *cred*, and not the whole *cred* structure. Thus you will have to keep the structure allocated until you call **gnutls_deinit()**.

For **GNUTLS_CRD_ANON**, *cred* should be **gnutls_anon_client_credentials_t** in case of a client. In case of a server it should be **gnutls_anon_server_credentials_t**.

For **GNUTLS_CRD_SRP**, *cred* should be **gnutls_srp_client_credentials_t** in case of a client, and **gnutls_srp_server_credentials_t**, in case of a server.

For **GNUTLS_CRD_CERTIFICATE**, *cred* should be **gnutls_certificate_credentials_t**.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error code is returned.

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

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SEE ALSO

The full documentation for **gnutls** is maintained as a Texinfo manual. If the `/usr/local/share/doc/gnutls/` directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>