

gnutls_srp_set_client_credentials_function(3) gnutls gnutls_srp_set_client_credentials_function(3)

NAME

gnutls_srp_set_client_credentials_function - API function

SYNOPSIS

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

```
void gnutls_srp_set_client_credentials_function(gnutls_srp_client_credentials_t cred,  
gnutls_srp_client_credentials_function * func);
```

ARGUMENTS

gnutls_srp_client_credentials_t cred
is a **gnutls_srp_server_credentials_t** type.

gnutls_srp_client_credentials_function * func
is the callback function

DESCRIPTION

This function can be used to set a callback to retrieve the username and password for client SRP authentication. The callback's function form is:

```
int (*callback)(gnutls_session_t, char** username, char**password);
```

The *username* and *password* must be allocated using **gnutls_malloc()**.

The *username* should be an ASCII string or UTF-8 string. In case of a UTF-8 string it is recommended to be following the PRECIS framework for usernames (rfc8265). The password can be in ASCII format, or normalized using **gnutls_utf8_password_normalize()**.

The callback function will be called once per handshake before the initial hello message is sent.

The callback should not return a negative error code the second time called, since the handshake procedure will be aborted.

The callback function should return 0 on success. -1 indicates an error.

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/>