

NAME

gnutls_psk_set_client_credentials - API function

SYNOPSIS

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

```
int gnutls_psk_set_client_credentials(gnutls_psk_client_credentials_t res, const char * username, const gnutls_datum_t * key, gnutls_psk_key_flags flags);
```

ARGUMENTS

gnutls_psk_client_credentials_t res
is a **gnutls_psk_client_credentials_t** type.

const char * username
is the user's zero-terminated userid

const gnutls_datum_t * key
is the user's key

gnutls_psk_key_flags flags
indicate the format of the key, either **GNUTLS_PSK_KEY_RAW** or **GNUTLS_PSK_KEY_HEX**.

DESCRIPTION

This function sets the username and password, in a `gnutls_psk_client_credentials_t` type. Those will be used in PSK authentication. *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 key can be either in raw byte format or in Hex format (without the 0x prefix).

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise an 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/>