

NAME

gnutls_srp_verifier - API function

SYNOPSIS

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

```
int gnutls_srp_verifier(const char * username, const char * password, const gnutls_datum_t * salt,  
const gnutls_datum_t * generator, const gnutls_datum_t * prime, gnutls_datum_t * res);
```

ARGUMENTS

const char * username

is the user's name

const char * password

is the user's password

const gnutls_datum_t * salt

should be some randomly generated bytes

const gnutls_datum_t * generator

is the generator of the group

const gnutls_datum_t * prime

is the group's prime

gnutls_datum_t * res

where the verifier will be stored.

DESCRIPTION

This function will create an SRP verifier, as specified in RFC2945. The *prime* and *generator* should be one of the static parameters defined in `gnutls/gnutls.h` or may be generated.

The verifier will be allocated with `@gnutls_malloc()` and will be stored in *res* using binary format.

RETURNS

On success, `GNUTLS_E_SUCCESS` (0) is returned, or an error code.

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/>