

**NAME**

gnutls\_srp\_base64\_encode - API function

**SYNOPSIS**

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

```
int gnutls_srp_base64_encode(const gnutls_datum_t * data, char * result, size_t * result_size);
```

**ARGUMENTS**

const gnutls\_datum\_t \* data

contain the raw data

char \* result the place where base64 data will be copied

size\_t \* result\_size

holds the size of the result

**DESCRIPTION**

This function will convert the given data to printable data, using the base64 encoding, as used in the libsrp. This is the encoding used in SRP password files. If the provided buffer is not long enough GNUTLS\_E\_SHORT\_MEMORY\_BUFFER is returned.

Warning! This base64 encoding is not the "standard" encoding, so do not use it for non-SRP purposes.

**RETURNS**

**GNUTLS\_E\_SHORT\_MEMORY\_BUFFER** if the buffer given is not long enough, or 0 on success.

**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/>