

NAME

gnutls_server_name_set - API function

SYNOPSIS

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

```
int gnutls_server_name_set(gnutls_session_t session, gnutls_server_name_type_t type, const void *  
name, size_t name_length);
```

ARGUMENTS

gnutls_session_t session
is a **gnutls_session_t** type.

gnutls_server_name_type_t type
specifies the indicator type

const void * name
is a string that contains the server name.

size_t name_length
holds the length of name excluding the terminating null byte

DESCRIPTION

This function is to be used by clients that want to inform (via a TLS extension mechanism) the server of the name they connected to. This should be used by clients that connect to servers that do virtual hosting.

The value of *name* depends on the *type* type. In case of **GNUTLS_NAME_DNS**, a UTF-8 null-terminated domain name string, without the trailing dot, is expected.

IPv4 or IPv6 addresses are not permitted to be set by this function. If the function is called with a name of *name_length* zero it will clear all server names set.

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/>