

NAME

gnutls_cipher_suite_get_name - API function

SYNOPSIS

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

```
const char * gnutls_cipher_suite_get_name(gnutls_kx_algorithm_t    kx_algorithm,  
gnutls_cipher_algorithm_t    cipher_algorithm, gnutls_mac_algorithm_t    mac_algorithm);
```

ARGUMENTS

gnutls_kx_algorithm_t kx_algorithm
is a Key exchange algorithm

gnutls_cipher_algorithm_t cipher_algorithm
is a cipher algorithm

gnutls_mac_algorithm_t mac_algorithm
is a MAC algorithm

DESCRIPTION

This function returns the ciphersuite name under TLS1.2 or earlier versions when provided with individual algorithms. The full cipher suite name must be prepended by TLS or SSL depending of the protocol in use.

To get a description of the current ciphersuite across versions, it is recommended to use **gnutls_session_get_desc()**.

RETURNS

a string that contains the name of a TLS cipher suite, specified by the given algorithms, or **NULL**.

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/>