

**NAME**

EVP\_CIPHER-NULL – The NULL EVP\_CIPHER implementation

**DESCRIPTION**

Support for a NULL symmetric encryption using the **EVP\_CIPHER** API. This is used when the TLS cipher suite is TLS\_NULL\_WITH\_NULL\_NULL. This does no encryption (just copies the data) and has a mac size of zero.

**Algorithm Name**

The following algorithm is available in the default provider:

"NULL"

**Parameters**

This implementation supports the following parameters:

*Gettable EVP\_CIPHER parameters*

See "Gettable EVP\_CIPHER parameters" in **EVP\_EncryptInit**(3)

*Gettable EVP\_CIPHER\_CTX parameters*

"keylen" (**OSSL\_CIPHER\_PARAM\_KEYLEN**) <unsigned integer>

"ivlen" (**OSSL\_CIPHER\_PARAM\_IVLEN** and <**OSSL\_CIPHER\_PARAM\_AEAD\_IVLEN**)

<unsigned integer>

"tls-mac" (**OSSL\_CIPHER\_PARAM\_TLS\_MAC**) <octet ptr>

See "PARAMETERS" in **EVP\_EncryptInit**(3) for further information.

*Settable EVP\_CIPHER\_CTX parameters*

"tls-mac-size" (**OSSL\_CIPHER\_PARAM\_TLS\_MAC\_SIZE**) <unsigned integer>

See "PARAMETERS" in **EVP\_EncryptInit**(3) for further information.

**CONFORMING TO**

RFC 5246 section-6.2.3.1

**SEE ALSO**

**provider-cipher**(7), **OSSL\_PROVIDER-default**(7)

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