

**NAME**

EVP\_CIPHER-SM4 – The SM4 EVP\_CIPHER implementations

**DESCRIPTION**

Support for SM4 symmetric encryption using the **EVP\_CIPHER** API.

**Algorithm Names**

The following algorithms are available in the default provider:

“SM4-CBC:SM4”

“SM4-ECB”

“SM4-CTR”

“SM4-OFB” or “SM4-OFB128”

“SM4-CFB” or “SM4-CFB128”

**Parameters**

This implementation supports the parameters described in “PARAMETERS” in **EVP\_EncryptInit**(3).

**SEE ALSO**

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

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