

NAME

EVP_CIPHER-DES – The DES EVP_CIPHER implementations

DESCRIPTION

Support for DES symmetric encryption using the **EVP_CIPHER** API.

Algorithm Names

The following algorithms are available in the FIPS provider as well as the default provider:

"DES-EDE3-ECB" or "DES-EDE3"

"DES-EDE3-CBC" or "DES3"

The following algorithms are available in the default provider, but not the FIPS provider:

"DES-EDE3-CFB8" and "DES-EDE3-CFB1"

"DES-EDE-ECB" or "DES-EDE"

"DES-EDE-CBC"

"DES-EDE-OFB"

"DES-EDE-CFB"

"DES3-WRAP"

The following algorithms are available in the legacy provider:

"DES-ECB"

"DES-CBC"

"DES-OFB"

"DES-CFB", "DES-CFB1" and "DES-CFB8"

"DESX-CBC"

Parameters

This implementation supports the parameters described in "PARAMETERS" in **EVP_EncryptInit**(3) including "encrypt-check" and "fips-indicator".

SEE ALSO

provider-cipher(7), **OSSL_PROVIDER-FIPS**(7), **OSSL_PROVIDER-default**(7),
OSSL_PROVIDER-legacy(7),

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