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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'CMS\_EncryptedData\_decrypt.3ossl' command**

```
$ man CMS_EncryptedData_decrypt.3ossl
```

```
CMS_ENCRYPTEDDATA_DECRYPT(3ossl)  OpenSSL  CMS_ENCRYPTEDDATA_DECRYPT(3ossl)
```

### NAME

CMS\_EncryptedData\_decrypt - Decrypt CMS EncryptedData

### SYNOPSIS

```
#include <openssl/cms.h>
```

```
int CMS_EncryptedData_decrypt(CMS_ContentInfo *cms,  
                             const unsigned char *key, size_t keylen,  
                             BIO *dcont, BIO *out, unsigned int flags);
```

### DESCRIPTION

CMS\_EncryptedData\_decrypt() decrypts a cms EncryptedData object using the symmetric key of size keylen bytes. out is a BIO to write the content to and flags is an optional set of flags. dcont is used in the rare case where the encrypted content is detached. It will normally be set to NULL.

The following flags can be passed in the flags parameter.

If the CMS\_TEXT flag is set MIME headers for type text/plain are deleted from the content. If the content is not of type text/plain then

an error is returned.

## RETURN VALUES

`CMS_EncryptedData_decrypt()` returns 0 if an error occurred otherwise it returns 1.

## SEE ALSO

`ERR_get_error(3)`, `CMS_EncryptedData_encrypt(3)`

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