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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'X509\_STORE\_lock.3ossl' command**

**\$ man X509\_STORE\_lock.3ossl**

X509\_STORE\_NEW(3ossl)      OpenSSL      X509\_STORE\_NEW(3ossl)

### NAME

X509\_STORE\_new, X509\_STORE\_up\_ref, X509\_STORE\_free,  
X509\_STORE\_lock, X509\_STORE\_unlock - X509\_STORE allocation, freeing and  
locking functions

### SYNOPSIS

```
#include <openssl/x509_vfy.h>

X509_STORE *X509_STORE_new(void);
void X509_STORE_free(X509_STORE *v);
int X509_STORE_lock(X509_STORE *v);
int X509_STORE_unlock(X509_STORE *v);
int X509_STORE_up_ref(X509_STORE *v);
```

### DESCRIPTION

The X509\_STORE\_new() function returns a new X509\_STORE.

X509\_STORE\_up\_ref() increments the reference count associated with the  
X509\_STORE object.

X509\_STORE\_lock() locks the store from modification by other threads,

X509\_STORE\_unlock() unlocks it.

X509\_STORE\_free() frees up a single X509\_STORE object.

## RETURN VALUES

X509\_STORE\_new() returns a newly created X509\_STORE or NULL if the call fails.

X509\_STORE\_up\_ref(), X509\_STORE\_lock() and X509\_STORE\_unlock() return 1 for success and 0 for failure.

X509\_STORE\_free() does not return values.

## SEE ALSO

X509\_STORE\_set\_verify\_cb\_func(3) X509\_STORE\_get0\_param(3)

## HISTORY

The X509\_STORE\_up\_ref(), X509\_STORE\_lock() and X509\_STORE\_unlock() functions were added in OpenSSL 1.1.0.

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