

**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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