

NAME

X509_STORE_get0_param, X509_STORE_set1_param, X509_STORE_get0_objects,
X509_STORE_get1_all_certs - X509_STORE setter and getter functions

SYNOPSIS

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

```
X509_VERIFY_PARAM *X509_STORE_get0_param(const X509_STORE *ctx);  
int X509_STORE_set1_param(X509_STORE *ctx, const X509_VERIFY_PARAM *pm);  
STACK_OF(X509_OBJECT) *X509_STORE_get0_objects(const X509_STORE *ctx);  
STACK_OF(X509) *X509_STORE_get1_all_certs(X509_STORE *st);
```

DESCRIPTION

X509_STORE_set1_param() sets the verification parameters to **pm** for **ctx**.

X509_STORE_get0_param() retrieves an internal pointer to the verification parameters for **ctx**. The returned pointer must not be freed by the calling application

X509_STORE_get0_objects() retrieves an internal pointer to the store's X509 object cache. The cache contains **X509** and **X509_CRL** objects. The returned pointer must not be freed by the calling application.

X509_STORE_get1_all_certs() returns a list of all certificates in the store. The caller is responsible for freeing the returned list.

RETURN VALUES

X509_STORE_get0_param() returns a pointer to an **X509_VERIFY_PARAM** structure.

X509_STORE_set1_param() returns 1 for success and 0 for failure.

X509_STORE_get0_objects() returns a pointer to a stack of **X509_OBJECT**.

X509_STORE_get1_all_certs() returns a pointer to a stack of the retrieved certificates on success, else NULL.

SEE ALSO

X509_STORE_new(3)

HISTORY

X509_STORE_get0_param and **X509_STORE_get0_objects** were added in OpenSSL 1.1.0.

X509_STORE_get1_certs was added in OpenSSL 3.0.

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