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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'X509\_STORE\_get0\_param.3oss1' command**

```
$ man X509_STORE_get0_param.3oss1
```

```
X509_STORE_GET0_PARAM(3oss1)  OpenSSL  X509_STORE_GET0_PARAM(3oss1)
```

### 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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