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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'SSL_SESSION_get_id.3ossl' command

\$ man SSL_SESSION_get_id.3ossl

SSL_SESSION_SET1_ID(3ossl) OpenSSL SSL_SESSION_SET1_ID(3ossl)

NAME

SSL_SESSION_get_id, SSL_SESSION_set1_id - get and set the SSL session

ID

SYNOPSIS

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

```
const unsigned char *SSL_SESSION_get_id(const SSL_SESSION *s,  
                                         unsigned int *len);
```

```
int SSL_SESSION_set1_id(SSL_SESSION *s, const unsigned char *sid,  
                        unsigned int sid_len);
```

DESCRIPTION

SSL_SESSION_get_id() returns a pointer to the internal session id value for the session s. The length of the id in bytes is stored in *len. The length may be 0. The caller should not free the returned pointer directly.

SSL_SESSION_set1_id() sets the session ID for the ssl SSL/TLS session to sid of length sid_len.

RETURN VALUES

SSL_SESSION_get_id() returns a pointer to the session id value.

SSL_SESSION_set1_id() returns 1 for success and 0 for failure, for example if the supplied session ID length exceeds

SSL_MAX_SSL_SESSION_ID_LENGTH.

SEE ALSO

ssl(7)

HISTORY

The SSL_SESSION_set1_id() function was added in OpenSSL 1.1.0.

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3.0.7 2023-07-13 SSL_SESSION_SET1_ID(3ossl)