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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'SSL\_SESSION\_set1\_id.3ossl'***

***\$ man SSL\_SESSION\_set1\_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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