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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'SSL\_SESSION\_get0\_id\_context.3ossl' command**

```
$ man SSL_SESSION_get0_id_context.3ossl
```

```
SSL_SESSION_GET0_ID_CONTEXT(3ossl) OpenSSL SSL_SESSION_GET0_ID_CONTEXT(3ossl)
```

### NAME

SSL\_SESSION\_get0\_id\_context, SSL\_SESSION\_set1\_id\_context - get and set the SSL ID context associated with a session

### SYNOPSIS

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

```
const unsigned char *SSL_SESSION_get0_id_context(const SSL_SESSION *s,  
                                                unsigned int *len);
```

```
int SSL_SESSION_set1_id_context(SSL_SESSION *s, const unsigned char *sid_ctx,  
                               unsigned int sid_ctx_len);
```

### DESCRIPTION

See SSL\_CTX\_set\_session\_id\_context(3) for further details on session ID contexts.

SSL\_SESSION\_get0\_id\_context() returns the ID context associated with the SSL/TLS session s. The length of the ID context is written to \*len if len is not NULL.

The value returned is a pointer to an object maintained within s and

should not be released.

SSL\_SESSION\_set1\_id\_context() takes a copy of the provided ID context given in sid\_ctx and associates it with the session s. The length of the ID context is given by sid\_ctx\_len which must not exceed SSL\_MAX\_SID\_CTX\_LENGTH bytes.

## RETURN VALUES

SSL\_SESSION\_set1\_id\_context() returns 1 on success or 0 on error.

## SEE ALSO

ssl(7), SSL\_set\_session\_id\_context(3)

## HISTORY

The SSL\_SESSION\_get0\_id\_context() function was added in OpenSSL 1.1.0.

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