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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'SSL_SESSION_set_cipher.3oss1' command

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$ man SSL_SESSION_set_cipher.3oss1
```

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SSL_SESSION_GET0_CIPHER(3oss1)  OpenSSL  SSL_SESSION_GET0_CIPHER(3oss1)
```

NAME

SSL_SESSION_get0_cipher, SSL_SESSION_set_cipher - set and retrieve the SSL cipher associated with a session

SYNOPSIS

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

```
const SSL_CIPHER *SSL_SESSION_get0_cipher(const SSL_SESSION *s);  
int SSL_SESSION_set_cipher(SSL_SESSION *s, const SSL_CIPHER *cipher);
```

DESCRIPTION

SSL_SESSION_get0_cipher() retrieves the cipher that was used by the connection when the session was created, or NULL if it cannot be determined.

The value returned is a pointer to an object maintained within s and should not be released.

SSL_SESSION_set_cipher() can be used to set the ciphersuite associated with the SSL_SESSION s to cipher. For example, this could be used to set up a session based PSK (see

SSL_CTX_set_psk_use_session_callback(3)).

RETURN VALUES

SSL_SESSION_get0_cipher() returns the SSL_CIPHER associated with the SSL_SESSION or NULL if it cannot be determined.

SSL_SESSION_set_cipher() returns 1 on success or 0 on failure.

SEE ALSO

ssl(7), d2i_SSL_SESSION(3), SSL_SESSION_get_time(3),
SSL_SESSION_get0_hostname(3), SSL_SESSION_free(3),
SSL_CTX_set_psk_use_session_callback(3)

HISTORY

The SSL_SESSION_get0_cipher() function was added in OpenSSL 1.1.0. The SSL_SESSION_set_cipher() function was added in OpenSSL 1.1.1.

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