



*Full credit is given to the above companies including the OS that this PDF file was generated!*

### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'SCT\_print.3ossl'***

***\$ man SCT\_print.3ossl***

SCT\_PRINT(3ossl)            OpenSSL            SCT\_PRINT(3ossl)

#### NAME

SCT\_print, SCT\_LIST\_print, SCT\_validation\_status\_string - Prints Signed Certificate Timestamps in a human-readable way

#### SYNOPSIS

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

void SCT_print(const SCT *sct, BIO *out, int indent, const CTLOG_STORE *logs);

void SCT_LIST_print(const STACK_OF(SCT) *sct_list, BIO *out, int indent,
                    const char *separator, const CTLOG_STORE *logs);

const char *SCT_validation_status_string(const SCT *sct);
```

#### DESCRIPTION

SCT\_print() prints a single Signed Certificate Timestamp (SCT) to a BIO in a human-readable format. SCT\_LIST\_print() prints an entire list of SCTs in a similar way. A separator can be specified to delimit each SCT in the output.

The output can be indented by a specified number of spaces. If a CTLOG\_STORE is provided, it will be used to print the description of the CT log that issued each SCT (if that log is in the CTLOG\_STORE).

Alternatively, NULL can be passed as the CTLOG\_STORE parameter to disable this feature.

SCT\_validation\_status\_string() will return the validation status of an SCT as a human-readable string. Call SCT\_validate() or SCT\_LIST\_validate() beforehand in order to set the validation status of an SCT first.

#### RETURN VALUES

SCT\_validation\_status\_string() returns a NUL-terminated string representing the validation status of an SCT object.

#### SEE ALSO

ct(7), bio(7), CTLOG\_STORE\_new(3), SCT\_validate(3)

#### HISTORY

These functions were added in OpenSSL 1.1.0.

#### COPYRIGHT

Copyright 2016-2021 The OpenSSL Project Authors. All Rights Reserved.  
Licensed under the Apache License 2.0 (the "License"). You may not use this file except in compliance with the License. You can obtain a copy in the file LICENSE in the source distribution or at <https://www.openssl.org/source/license.html>.

3.0.7                      2023-07-13                      SCT\_PRINT(3ossl)