



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

\$ 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.

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