

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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