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## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'ct.7ossl' command***

***\$ man ct.7ossl***

CT(7ossl)                      OpenSSL                      CT(7ossl)

### NAME

ct - Certificate Transparency

### SYNOPSIS

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

### DESCRIPTION

This library implements Certificate Transparency (CT) verification for TLS clients, as defined in RFC 6962. This verification can provide some confidence that a certificate has been publicly logged in a set of CT logs.

By default, these checks are disabled. They can be enabled using `SSL_CTX_enable_ct(3)` or `SSL_enable_ct(3)`.

This library can also be used to parse and examine CT data structures, such as Signed Certificate Timestamps (SCTs), or to read a list of CT logs. There are functions for: - decoding and encoding SCTs in DER and TLS wire format. - printing SCTs. - verifying the authenticity of SCTs. - loading a CT log list from a CONF file.

## SEE ALSO

d2i\_SCT\_LIST(3), CTLOG\_STORE\_new(3), CTLOG\_STORE\_get0\_log\_by\_id(3),  
SCT\_new(3), SCT\_print(3), SCT\_validate(3), SCT\_validate(3),  
CT\_POLICY\_EVAL\_CTX\_new(3), SSL\_CTX\_set\_ct\_validation\_callback(3)

## HISTORY

The ct library was added in OpenSSL 1.1.0.

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3.0.7

2023-07-13

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