

NAME

gnutls_ocsp_req_get_cert_id - API function

SYNOPSIS

```
#include <gnutls/ocsp.h>
```

```
int gnutls_ocsp_req_get_cert_id(gnutls_ocsp_req_const_t req, unsigned indx,
gnutls_digest_algorithm_t * digest, gnutls_datum_t * issuer_name_hash, gnutls_datum_t *
issuer_key_hash, gnutls_datum_t * serial_number);
```

ARGUMENTS

gnutls_ocsp_req_const_t req

should contain a **gnutls_ocsp_req_t** type

unsigned indx Specifies which extension OID to get. Use (0) to get the first one.

gnutls_digest_algorithm_t * digest

output variable with **gnutls_digest_algorithm_t** hash algorithm

gnutls_datum_t * issuer_name_hash

output buffer with hash of issuer's DN

gnutls_datum_t * issuer_key_hash

output buffer with hash of issuer's public key

gnutls_datum_t * serial_number

output buffer with serial number of certificate to check

DESCRIPTION

This function will return the certificate information of the

indx 'ed request in the OCSP request. The information returned corresponds to the CertID structure:

```
<informalexample><programlisting> CertID ::= SEQUENCE { hashAlgorithm
AlgorithmIdentifier, issuerNameHash OCTET STRING, -- Hash of Issuer's DN issuerKeyHash
OCTET STRING, -- Hash of Issuers public key serialNumber CertificateSerialNumber }
</programlisting></informalexample>
```

Each of the pointers to output variables may be NULL to indicate that the caller is not interested in that value.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error code is returned. If you have reached the last CertID available **GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE** will be returned.

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

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SEE ALSO

The full documentation for **gnutls** is maintained as a Texinfo manual. If the `/usr/local/share/doc/gnutls/` directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>