

NAME

gnutls_ocsp_req_add_cert_id - API function

SYNOPSIS

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

```
int gnutls_ocsp_req_add_cert_id(gnutls_ocsp_req_t req, gnutls_digest_algorithm_t digest, const
gnutls_datum_t * issuer_name_hash, const gnutls_datum_t * issuer_key_hash, const gnutls_datum_t *
serial_number);
```

ARGUMENTS

gnutls_ocsp_req_t req

should contain a **gnutls_ocsp_req_t** type

gnutls_digest_algorithm_t digest

hash algorithm, a **gnutls_digest_algorithm_t** value

const gnutls_datum_t * issuer_name_hash

hash of issuer's DN

const gnutls_datum_t * issuer_key_hash

hash of issuer's public key

const gnutls_datum_t * serial_number

serial number of certificate to check

DESCRIPTION

This function will add another request to the OCSP request for a particular certificate having the issuer name hash of

issuer_name_hash and issuer key hash of *issuer_key_hash* (both hashed using *digest*) and serial number *serial_number*.

The information needed 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>
```

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error code is 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/>