

gnutls_x509_cert_get_authority_key_gn_serial(3) gnutls gnutls_x509_cert_get_authority_key_gn_serial(3)

NAME

gnutls_x509_cert_get_authority_key_gn_serial - API function

SYNOPSIS

```
#include <gnutls/x509.h>
```

```
int gnutls_x509_cert_get_authority_key_gn_serial(gnutls_x509_cert_t cert, unsigned int seq, void * alt, size_t * alt_size, unsigned int * alt_type, void * serial, size_t * serial_size, unsigned int * critical);
```

ARGUMENTS

gnutls_x509_cert_t cert

should contain a **gnutls_x509_cert_t** type

unsigned int seq

specifies the sequence number of the alt name (0 for the first one, 1 for the second etc.)

void * alt is the place where the alternative name will be copied to

size_t * alt_size

holds the size of alt.

unsigned int * alt_type

holds the type of the alternative name (one of **gnutls_x509_subject_alt_name_t**).

void * serial buffer to store the serial number (may be null)

size_t * serial_size

Holds the size of the serial field (may be null)

unsigned int * critical

will be non-zero if the extension is marked as critical (may be null)

DESCRIPTION

This function will return the X.509 authority key identifier when stored as a general name (authorityCertIssuer) and serial number.

Because more than one general names might be stored

seq can be used as a counter to request them all until

GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE is returned.

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RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, **GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE** if the extension is not present, otherwise a negative error value.

SINCE

3.0

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/>