

**NAME**

gnutls\_x509\_crt\_get\_crl\_dist\_points - API function

**SYNOPSIS**

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

```
int gnutls_x509_crt_get_crl_dist_points(gnutls_x509_crt_t cert, unsigned int seq, void * san, size_t * san_size, unsigned int * reason_flags, unsigned int * critical);
```

**ARGUMENTS**

gnutls\_x509\_crt\_t cert

should contain a **gnutls\_x509\_crt\_t** type

unsigned int seq

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

void \* san is the place where the distribution point will be copied to

size\_t \* san\_size

holds the size of ret.

unsigned int \* reason\_flags

Revocation reasons. An ORed sequence of flags from **gnutls\_x509\_crl\_reason\_flags\_t**.

unsigned int \* critical

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

**DESCRIPTION**

This function retrieves the CRL distribution points (2.5.29.31), contained in the given certificate in the X509v3 Certificate Extensions.

**RETURNS**

**GNUTLS\_E\_SHORT\_MEMORY\_BUFFER** and updates *ret\_size* if

*ret\_size* is not enough to hold the distribution point, or the type of the distribution point if everything was ok. The type is one of the enumerated **gnutls\_x509\_subject\_alt\_name\_t**. If the certificate does not have an Alternative name with the specified sequence number then

**GNUTLS\_E\_REQUESTED\_DATA\_NOT\_AVAILABLE** is returned.

**REPORTING BUGS**

Report bugs to <[bugs@gnutls.org](mailto: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/>