

**NAME**

gnutls\_x509\_cert\_get\_preferred\_hash\_algorithm - API function

**SYNOPSIS**

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

```
int gnutls_x509_cert_get_preferred_hash_algorithm(gnutls_x509_cert_t crt, gnutls_digest_algorithm_t *  
hash, unsigned int * mand);
```

**ARGUMENTS**

gnutls\_x509\_cert\_t crt

Holds the certificate

gnutls\_digest\_algorithm\_t \* hash

The result of the call with the hash algorithm used for signature

unsigned int \* mand

If non-zero it means that the algorithm **MUST** use this hash. May be **NULL**.

**DESCRIPTION**

This function will read the certificate and return the appropriate digest algorithm to use for signing with this certificate. Some certificates (i.e. DSA might not be able to sign without the preferred algorithm).

**DEPRECATED**

Please use **gnutls\_pubkey\_get\_preferred\_hash\_algorithm()**.

**RETURNS**

the 0 if the hash algorithm is found. A negative error code is returned on error.

**SINCE**

2.12.0

**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/>