

NAME

gss_inquire_cred - Obtain information about a credential

SYNOPSIS

```
#include <gssapi/gssapi.h>
```

OM_uint32

```
gss_inquire_cred(OM_uint32 *minor_status, const gss_cred_id_t cred_handle,  
gss_ctx_id_t *context_handle, gss_name_t *name, OM_uint32 *lifetime,  
gss_cred_usage_t *cred_usage, gss_OID_set *mechanisms);
```

DESCRIPTION

Obtains information about a credential.

PARAMETERS

minor_status Mechanism specific status code.

cred_handle A handle that refers to the target credential. Specify `GSS_C_NO_CREDENTIAL` to inquire about the default initiator principal.

name The name whose identity the credential asserts. Storage associated with this name should be freed by the application after use with a call to **gss_release_name()**. Specify `NULL` if not required.

lifetime The number of seconds for which the credential will remain valid. If the credential has expired, this parameter will be set to zero. If the implementation does not support credential expiration, the value `GSS_C_INDEFINITE` will be returned. Specify `NULL` if not required.

cred_usage How the credential may be used. One of the following:

`GSS_C_INITIATE`

`GSS_C_ACCEPT`

`GSS_C_BOTH`

Specify `NULL` if not required.

mechanisms Set of mechanisms supported by the credential. Storage associated with this `OID` set must be freed by the application after use with a call to **gss_release_oid_set()**. Specify `NULL` if not required.

RETURN VALUES

GSS_S_COMPLETE	Successful completion
GSS_S_NO_CRED	The referenced credentials could not be accessed
GSS_S_DEFECTIVE_CREDENTIAL	The referenced credentials were invalid
GSS_S_CREDENTIALS_EXPIRED	The referenced credentials have expired. If the lifetime parameter was not passed as NULL, it will be set to 0

SEE ALSO

gss_release_name(3), gss_release_oid_set(3)

STANDARDS

RFC 2743 Generic Security Service Application Program Interface Version 2, Update 1

RFC 2744 Generic Security Service API Version 2 : C-bindings

HISTORY

The **gss_inquire_cred** function first appeared in FreeBSD 7.0.

AUTHORS

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