NAME

gss_export_name - Convert an MN to export form

SYNOPSIS

#include <gssapi/gssapi.h>

OM_uint32
gss_export_name(*OM_uint32 *minor_status*, *const gss_name_t input_name*,
    gss_buffer_t exported_name);

DESCRIPTION

To produce a canonical contiguous string representation of a mechanism name (MN), suitable for direct comparison (e.g. with memcmp) for use in authorization functions (e.g. matching entries in an access-control list). The *input_name* parameter must specify a valid MN (i.e. an internal name generated by **gss_accept_sec_context**() or by **gss_canonicalize_name**(*).*)

PARAMETERS

minor_status   Mechanism specific status code.

input_name   The MN to be exported.

exported_name The canonical contiguous string form of *input_name*. Storage associated with this string must freed by the application after use with **gss_release_buffer**().

RETURN VALUES

GSS_S_COMPLETE   Successful completion

GSS_S_NAME_NOT_MN   The provided internal name was not a mechanism name.

GSS_S_BAD_NAME   The provided internal name was ill-formed.

GSS_S_BAD_NAMETYPE The internal name was of a type not supported by the GSS-API implementation.

SEE ALSO

gss_accept_sec_context(3), gss_canonicalize_name(3), gss_release_buffer(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_export_name** function first appeared in FreeBSD 7.0.

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