NAME

gss_display_name - Convert internal-form name to text

SYNOPSIS

#include <gssapi/gssapi.h>

OM_uint32
gss_display_name(*OM_uint32 *minor_status*, *const gss_name_t input_name*,
  gss_buffer_t output_name_buffer, *gss_OID *output_name_type*);

DESCRIPTION

Allows an application to obtain a textual representation of an opaque internal-form name for display
purposes. The syntax of a printable name is defined by the GSS-API implementation.

If *input_name* denotes an anonymous principal, the implementation should return the *gss_OID* value
GSS_C_NT_ANONYMOUS as the *output_name_type*, and a textual name that is syntactically distinct
from all valid supported printable names in *output_name_buffer*.

If *input_name* was created by a call to **gss_import_name**(), specifying GSS_C_NO_OID as the name-
type, implementations that employ lazy conversion between name types may return GSS_C_NO_OID
via the *output_name_type* parameter.

PARAMETERS

minor_status   Mechanism specific status code.

input_name   Name to be displayed.

output_name_buffer Buffer to receive textual name string. The application must free storage associated
                    with this name after use with a call to **gss_release_buffer**().

output_name_type   The type of the returned name. The returned *gss_OID* will be a pointer into static
                    storage, and should be treated as read-only by the caller (in particular, the
                    application should not attempt to free it). Specify NULL if not required.

RETURN VALUES

GSS_S_COMPLETE Successful completion

GSS_S_BAD_NAME
                    input_name was ill-formed

SEE ALSO
gss_import_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_display_name** function first appeared in FreeBSD 7.0.

AUTHORS
John Wray, Iris Associates

COPYRIGHT