

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 <i>gss_OID</i> 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

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