

**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 <b>gss_release_buffer()</b> .  |
| 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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