

**NAME**

**rpc\_gss\_get\_principal\_name** - Get a principal name

**LIBRARY**

RPC GSS-API Authentication Library (librpcsec\_gss, -lrpcsec\_gss)

**SYNOPSIS**

```
#include <rpc/rpcsec_gss.h>
```

*bool\_t*

```
rpc_gss_get_principal_name(rpc_gss_principal_t *principal, const char *mech, const char *name,  
                           const char *node, const char *domain);
```

**DESCRIPTION**

This function can be used to generate a client principal name from various strings.

**PARAMETERS**

**principal** If the principal is created successfully, *\*principal* will be set to point at the new principal in GSS-API exported name form

**mech** The name of the mechanism for this principal

**name** The name part of the principal

**node** If non-null, the hostname or instance part of the principal

**domain** If non-null, the domain or realm part of the principal

**RETURN VALUES**

Returns TRUE if the principal was created or FALSE otherwise

**SEE ALSO**

gss\_export\_name(3), gssapi(3), rpc(3), rpcsec\_gss(3)

**HISTORY**

The **rpc\_gss\_get\_principal\_name** function first appeared in FreeBSD 8.0.

**AUTHORS**

This manual page was written by Doug Rabson <[dfr@FreeBSD.org](mailto:dfr@FreeBSD.org)>.