globus gssapi gsi

10.10

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Global GSS_C_GLOBUS_ACCEPT_PROXY_SIGNED_BY_LIMITED_PROXY_FLAG (p. **4)**
    We now accept proxies signed by limited proxies if they are limited or independent.

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2.1 Modules

Here is a list of all modules:

3 Module Documentation

3.1 Functions for manipulating a buffer set

3.2 GSI GSS-API Constants

3.3 Activation

Macros

- #define **GLOBUS_GSI_GSSAPI_MODULE**

3.3.1 Detailed Description

Globus GSI GSSAPI uses standard Globus module activation and deactivation. Before any Globus GSI GSSAPI functions are called, the following function should be called:

```
*       globus_module_activate(GLOBUS_GSI_GSSAPI_MODULE)
*
```

This function returns GLOBUS_SUCCESS if Globus GSI GSSAPI was successfully initialized, and you are therefore allowed to subsequently call Globus GSI GSSAPI functions. Otherwise, an error code is returned, and Globus GSI GSSAPI functions should not subsequently be called. This function may be called multiple times.

To deactivate Globus GSI GSSAPI, the following function should be called:

```
*       globus_module_deactivate(GLOBUS_GSI_GSSAPI_MODULE)
*
```

This function should be called once for each time Globus GSI GSSAPI was activated.

Note that it is not mandatory to call the above functions.

3.3.2 Macro Definition Documentation

3.3.2.1 #define GLOBUS_GSI_GSSAPI_MODULE

Module descriptor.

3.4 GSS Req Flags

Macros

- #define **GSS_C_GLOBUS_DONT_ACCEPT_LIMITED_PROXY_FLAG** 8192
- #define **GSS_C_GLOBUS_DELEGATE_LIMITED_PROXY_FLAG** 4096
- #define **GSS_C_GLOBUS_ACCEPT_PROXY_SIGNED_BY_LIMITED_PROXY_FLAG** 32768
- #define **GSS_C_GLOBUS_ALLOW_MISSING_SIGNING_POLICY** 65536
- #define **GSS_C_GLOBUS_FORCE_SSL3** 131072

3.4.1 Detailed Description

These macros set the REQUESTED type of context - these should be set (or not) in the context's req_flags (or in the context's ret_flags if accept_sec_context is being called)

3.4.2 Macro Definition Documentation

3.4.2.1 #define GSS_C_GLOBUS_DONT_ACCEPT_LIMITED_PROXY_FLAG 8192

Set if you don't want a context to accept a limited proxy.

If this flag is set, and a limited proxy is received, the call will not be successful and the context will not be set up

3.4.2.2 #define GSS_C_GLOBUS_DELEGATE_LIMITED_PROXY_FLAG 4096

Set if you wan the delegated proxy to be a limited proxy.

3.4.2.3 #define GSS_C_GLOBUS_ACCEPT_PROXY_SIGNED_BY_LIMITED_PROXY_FLAG 32768

Set if you want to accept proxies signed by limited proxies.

Deprecated We now accept proxies signed by limited proxies if they are limited or independent.

3.4.2.4 #define GSS_C_GLOBUS_ALLOW_MISSING_SIGNING_POLICY 65536

Set if you want to allow CA certs without a signing policy to verify.

3.4.2.5 #define GSS_C_GLOBUS_FORCE_SSL3 131072

Set if you want to force SSLv3 instead of negotiating TLSv1 or SSLv3.

3.5 GSS Ret Flags

Macros

- #define **GSS_C_GLOBUS_RECEIVED_LIMITED_PROXY_FLAG** 8192
- #define **GSS_C_GLOBUS_RECEIVED_LIMITED_PROXY_DURING_DELEGATION_FLAG** 4096

3.5.1 Detailed Description

These macros set the RETURNED context type - these will be be set (or not) in the context's ret_flags.

3.5.2 Macro Definition Documentation

3.5.2.1 #define GSS_C_GLOBUS_RECEIVED_LIMITED_PROXY_FLAG 8192

If the proxy received is a limited proxy, this flag will be set in the returned context flags (ret_flags)

3.5.2.2 #define GSS_C_GLOBUS_RECEIVED_LIMITED_PROXY_DURING_DELEGATION_FLAG 4096

If the proxy received is a limited proxy received during delegation, this flag is set in the returned flags.

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