

## strongSwan - Bug #2765

### Networkmanager applet build problem with glib 2.58 and -Werror due to deprecation warning

19.09.2018 18:27 - Harald Dunkel

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Tobias Brunner	<b>Estimated time:</b>	0.00 hour
<b>Category:</b>	networkmanager (charon-nm)	<b>Resolution:</b>	Fixed
<b>Target version:</b>	5.8.3		
<b>Affected version:</b>	5.6.3		
<b>Description</b>			
Apparently some constructs in glib 2.58 have been deprecated, affecting the applet:			
...			
nm-strongswan.c: In function 'strongswan_plugin_ui_widget_class_init':			
nm-strongswan.c:647:2: error: 'g_type_class_add_private' is deprecated [-Werror=deprecated-declarations]			
g_type_class_add_private (req_class, sizeof (StrongswanPluginUiWidgetPrivate));			
^~~~~~			
In file included from /usr/include/glib-2.0/gobject/gobject.h:24,			
from /usr/include/glib-2.0/gobject/gbinding.h:29,			
from /usr/include/glib-2.0/glib-object.h:23,			
from /usr/include/glib-2.0/gio/gioenums.h:28,			
from /usr/include/glib-2.0/gio/giotypes.h:28,			
from /usr/include/glib-2.0/gio/gio.h:26,			
from /usr/include/gtk-3.0/gdk/gdkapplaunchcontext.h:28,			
from /usr/include/gtk-3.0/gdk/gdk.h:32,			
from /usr/include/gtk-3.0/gtk/gtk.h:30,			
from nm-strongswan.c:28:			
/usr/include/glib-2.0/gobject/gtype.h:1303:10: note: declared here			
void g_type_class_add_private (gpointer g_class,			
^~~~~~			
cc1: all warnings being treated as errors			
make[3]: *** [Makefile:568: libnm_vpn_plugin_strongswan_la-nm-strongswan.lo] Error 1			
Further information can be found in Debian's bug report <a href="https://bugs.debian.org/907953">https://bugs.debian.org/907953</a> and the comments on <a href="https://gitlab.gnome.org/GNOME/glib/commit/7e5db31d36532274c2b2428ef9bace796928785e">https://gitlab.gnome.org/GNOME/glib/commit/7e5db31d36532274c2b2428ef9bace796928785e</a>			
<b>Related issues:</b>			
Related to Bug #3197: NM applet build error on Debian sid when building with ...		<b>Closed</b>	

#### Associated revisions

##### Revision 18bee930 - 05.02.2020 10:54 - Tobias Brunner

nm: Replace deprecated g\_type\_class\_add\_private()

Fixes #2765, #3197.

#### History

##### #1 - 20.09.2018 10:10 - Tobias Brunner

- Tracker changed from Issue to Bug
- Category set to networkmanager (charon-nm)
- Status changed from New to Feedback

This is not yet mentioned in the [official API doc](#). Is Debian really using such a bleeding edge version of glib? Anyway, deprecation does not mean it can't be used anymore, so you could just "fix" this by disabling that warning for now.

According to the commit message/comment, a proper fix should refactor this to use G\_ADD\_PRIVATE()/G\_DEFINE\_\*(). Since I don't really know glib this will need some time to look into.

**#2 - 20.09.2018 13:49 - Harald Dunkel**

I have updated Debian's bug report.

**#3 - 09.10.2019 10:22 - Tobias Brunner**

- Related to Bug #3197: NM applet build error on Debian sid when building with -Werror due to deprecation warning added

**#4 - 16.12.2019 13:59 - Tobias Brunner**

- Target version set to 5.8.3

Pushed a possible fix to the 2765-nm-glib-private branch.

**#5 - 05.02.2020 10:58 - Tobias Brunner**

- Subject changed from Networkmanager applet build problem with glib 2.58 to Networkmanager applet build problem with glib 2.58 and -Werror due to deprecation warning

- Status changed from Feedback to Closed

- Assignee set to Tobias Brunner

- Resolution set to Fixed