

Comprobar si está activado:

```
# getenforce
Enforcing
```

Para deshabilitar:

```
# setenforce 0
```

o

```
# echo 0 > /selinux/enforce
```

Resultado:

```
Permissive
```

Si obtenemos un error raro, por ejemplo apache que no arranca con un módulo nuevo, lo podemos ver en el log messages.

Al final nos indica el comando a lanzar e instrucciones a seguir:

```
Nov 18 13:01:48 setroubleshoot: SELinux is preventing /usr/sbin/httpd from
execute access on the file
/opt/oracle/webgate/access/oblix/lib/libgcc_s.so.1. For complete SELinux
messages. run sealert -l b46cdfd9-3c2e-4440-9967-16811bbfe75f
```

Si ejecutamos el sealert:

```
# sealert -l b46cdfd9-3c2e-4440-9967-16811bbfe75f
```

```
SELinux is preventing /usr/sbin/httpd from execute access on the file
/opt/oracle/webgate/access/oblix/lib/libgcc_s.so.1.
```

```
***** Plugin restorecon (94.8 confidence) suggests
*****
```

```
If you want to fix the label.
/opt/oracle/webgate/access/oblix/lib/libgcc_s.so.1 default label should be
lib_t.
```

```
Then you can run restorecon.
```

```
Do
```

```
# /sbin/restorecon -v /opt/oracle/webgate/access/oblix/lib/libgcc_s.so.1
```

```
***** Plugin catchall_labels (5.21 confidence) suggests
*****
```

```
If you want to allow httpd to have execute access on the libgcc_s.so.1 file
Then you need to change the label on
/opt/oracle/webgate/access/oblix/lib/libgcc_s.so.1
```

```
Do
```

```
# semanage fcontext -a -t httpd_modules_t
'/opt/oracle/webgate/access/oblix/lib/libgcc_s.so.1'
where FILE_TYPE is one of the following: httpd_suexec_exec_t,
application_exec_type, mailman_cgi_exec_t,
dirsrvadmin_unconfined_script_exec_t, httpd_unconfined_script_exec_t, bin_t,
lib_t, httpd_rotatelog_exec_t, ld_so_t, abrt_helper_exec_t, httpd_exec_t,
shell_exec_t, textrel_shlib_t, antivirus_exec_t, httpd_helper_exec_t,
httpd_php_exec_t, chroot_exec_t, httpd_modules_t, httpd_munin_script_exec_t,
httpd_w3c_validator_script_exec_t, httpd_user_script_exec_t,
httpd_dspam_script_exec_t, httpd_collectd_script_exec_t,
httpd_apcupsd_cgi_script_exec_t, httpd_squid_script_exec_t,
httpd_awstats_script_exec_t, prelink_exec_t, preupgrade_exec_t,
passenger_exec_t, httpd_nagios_script_exec_t, httpdcontent,
httpd_prewikka_script_exec_t, httpd_bugzilla_script_exec_t,
httpd_dirsrvadmin_script_exec_t, httpd_sys_script_exec_t,
httpd_openshift_script_exec_t, httpd_nutups_cgi_script_exec_t,
httpd_git_script_exec_t, httpd_cvs_script_exec_t,
httpd_cobbler_script_exec_t, httpd_mediawiki_script_exec_t,
httpd_smokeping_cgi_script_exec_t.
Then execute:
restorecon -v '/opt/oracle/webgate/access/oblix/lib/libgcc_s.so.1'
```

```
***** Plugin catchall (1.44 confidence) suggests
*****
```

If you believe that httpd should be allowed execute access on the libgcc\_s.so.1 file by default.

Then you should report this as a bug.

You can generate a local policy module to allow this access.

Do

allow this access for now by executing:

```
# grep httpd /var/log/audit/audit.log | audit2allow -M mypol
# semodule -i mypol.pp
```

Para ver el contexto de una biblioteca, que no librería, de apache:

```
# ls -Z /etc/httpd/modules/mod_alias.so
-rwxr-xr-x. root root system_u:object_r:httpd_modules_t:s0
/etc/httpd/modules/mod_alias.so
```

Le ponemos el contexto: httpd\_modules\_t

```
/sbin/restorecon -v '/opt/oracle/webgate/access/oblix/lib/libgcc_s.so.1'
semanage fcontext -a -t httpd_modules_t
'/opt/oracle/webgate/access/oblix/lib/libgcc_s.so.1'
```

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