

SDC (scini) driver configuration for SELinux

SELinux may prevent the scini driver from starting on RHEL-based SDC nodes.

If SELinux is enabled and enforced, it can prevent the SDC driver (scini) from starting on RHEL-based nodes.

Perform the following procedure to prevent this problem:

Procedure

1. Create two files, in any directory:
 - a. `scini.fe`
`/usr/bin/emc/scaleio/(.*)ko system_u:object_r:modules_object_t:s0`
`/bin/emc/scaleio/(.*)ko system_u:object_r:modules_object_t:s0`
 - b. `scini.te`
`module scini 1.0;`
`require {`
 `type insmod_t;`
 `type modules_object_t;`
 `class system module_load;`
`}`
2. Build and install the SELinux module, by running the following commands:
`checkmodule -M -m scini.te -o scini.mod`
`semodule_package -o scini.pp -m scini.mod -f scini.fe`
`semodule -i scini.pp`
`restorecon -R -v /bin/emc/scaleio/`
3. Start the scini service:
`service scini start`
Deploy PowerFlex

To remove the SELinux module, run: `semodule -r scini`