

Surround SCM Server Does Not Start at Boot Time on Linux

Problem

The Surround SCM Server does not start at boot time on some Linux distributions even if the start at boot option is selected during installation.

Cause

The Surround SCM Server application is not registered in the Services Manager or cannot access the required libraries.

Solution

Use the following steps to modify your Linux distribution.

SuSE

Register the Surround SCM Server application in the Services Manager.

1. Open the surroundscm init script for editing.
2. Add the init info comment tag after the process and config tags.
3. Set the following parameters in the init info comment tag:
 - Provides: Server executable name. Copy from the process tag.
 - Required-Start: Listing of dependencies. The Surround SCM Server does not require any dependencies, but you can add one.
 - Default-Start: Surround SCM Server start runlevel. 2 3 5 is recommended.
 - Default-Stop: Surround SCM Server stop runlevel. 0 6 is recommended.
 - Short-Description: Short file description. For example, Surround SCM Server.

Following is an example of the description init info comment tag in the Surround SCM Server init file.

```
### BEGIN INIT INFO
# Provides: sscmserver
# Required-Start:
# Default-Start: 2 3 5
# Default-Stop: 0 6
# Short-Description: Surround SCM Server
# Description: Surround SCM Server init file
```

```
### END INIT INFO
```

4. Register the service by entering:

```
/usr/lib/lsb/install_initd /etc/init.d/surroundscm
```

See [How To Create RPMs and Init Scripts That Are Compatible On Both SUSE Linux and Red Hat Linux](#) on Novell's web site for more information.

SE Linux

SE Linux can interfere with the server startup. Do one of the following:

Modify the `/etc/selinux/config` file to disable SE Linux. Set `SELINUX=disabled`.

-or-

Add all shared libraries in `/usr/lib/seapine` to the `texrel_shlib_t` context by entering:

```
chcon -Rr texrel_shlib_t /usr/lib/seapine/*.so*
```

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