

[Previous](#)[Search](#)[Next](#)[TA Home](#)

11/31

Permissions/sizes of print files; remote printing has been configured.

Keywords

guide lpstat cancel permissions lpd sizes correct lp root daemon cannot execute command
mkdev rlp command remote print

Release

SCO TCP/IP Release 1.2.1
SCO Open Server Release 3.0

Problem

What are the correct permissions and sizes for lpstat, cancel, and lp for local and remote printing after remote printing (mkdev rlp) has been configured?

Solution

The following are the permissions, ownership, and sizes for the various print binaries and **/etc/printcap**. Not using the correct permissions, or not having the correct binaries in place (see sizes), will result in local and/or remote printing to fail.

Binaries for remote printing. Permissions require using 6711 for the mode. See [chmod\(C\)](#).

```
-rws--s--x  1 root      daemon    63634 <date time> /usr/bin/cancel
-rws--s--x  2 root      daemon    67618 <date time> /usr/bin/lp
-rws--s--x  1 root      daemon    65418 <date time> /usr/bin/lpstat
```

Binaries for local printing. Permission modes set to 2111.

```
---x--s---x  1 bin        lp        28978 <date time> /usr/lpd/remote/cancel
---x--s---x  1 bin        lp        58338 <date time> /usr/lpd/remote/lp
---x--s---x  1 bin        lp        93030 <date time> /usr/lpd/remote/lpstat
```

The permissions on the directories /usr/lpd and /usr/lpd/remote needs to be 755 as follows:

```
drwxr-xr-x  bin  lp    /usr/lpd
drwxr-xr-x  bin  lp    /usr/lpd/remote
```

The **printcap** file should have permission 644 as follows:

```
-rw-r--r-- 1 root daemon <size> <date time> /etc/printcap
```

See Also

Other articles in this database that are related to the above topic:

- Get error "LP: <printer name>: cannot open printer description file".
- Cannot print locally after RLP has been configured more than once.
- Get error "UX:LP:ERROR: Cant establish contact with lp print services.
- Root can print locally but users can not. Remote printing is configured.
- Invoke lp as non-superuser, reports "lp: cannot execute 'lp' command".

The following is unrelated to permissions issues but should be included:

- I have configured lpd; my machine hangs on bootup/shutdown.

TA107529 created on 30 November 1994 , last updated on 18 May 1995
SSL #: 640325 IT #: tcpip325

Please click this box if this article solved your problem

Previous

Search

Next

TA Home

Suggestions for improving the content of this article.

Comments

We appreciate your continued interest in improving the quality of SCO's technical library and welcome your input regarding this technical article. Suggestions submitted from this form will be forwarded to the Documentation department. If you are looking for technical help beyond that provided in the current article, please contact [SCO Support Services](#).

Copyright © 1996-
1998 The Santa
Cruz Operation, Inc.

All Rights Reserved.