– General Linux 2 –
Print Files

(Linux Professional Institute Certification)

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Print files

1.107.2 Manage printers & print queues

1.107.3 **Print files**

1.107.4 Install & configure local & remote printers

Print Files

Objective

Candidates should be able to manage print queues and manipulate print jobs. This objective includes adding and removing jobs from configured printer queues and converting text files to postscript for printing.

Print Files

Key files, terms, and utilities

lpq Display Print queue

lpr Job submission

mpage Print multiple pages per sheet

Resources of interest

Printing-HOWTO

Printing-Usage-HOWTO

LPR - Submit job to Print Queue

- lpr is used to submit a job to the print queue

- lpr can be run from the command line

- lpr assumes text is to be printed by default

- lpr uses `/etc/printcap` for printer settings

Usage of lpr is:

```
lpr [-Pprinter] [-#num] filename ...
```

Example:- Print /etc/hosts file to spool lp0

```
$ lpr -Plp0 /etc/hosts ↩
```

a2ps - Convert ASCII to Postscript

- Most Unix sites use postscript printers

- You can not send an ASCII file directly to a postscript printer

- To convert from ASCII to ps, use `a2ps`

Usage: `a2ps [-o` *out-file*`] in-file`

Example:

`$ `**`a2ps -o myfile.ps myfile.txt`** $\hookleftarrow$

`$ `**`cat myfile.ps > /dev/lp0`** $\hookleftarrow$

mpage - Print multiple pages per page

- mpage will print multiple pages per physical page

- Input can be either text or postscript

- 1, 2, 4 or 8 pages can be printed per page

- Output can be directed to printer or stdout

Usage:

```
mpage [-1248] [options] input-file ...
```

Example: Print 4 pages per page on A4

```
$ mpage -4 -b A4 bigfile.ps | lpr ↩
```