Rocky Enterprise Linux 9.2 Manual Pages on command 'lp.1'

$ man lp.1

lp(1)   OpenPrinting   lp(1)

NAME

   lp - print files

SYNOPSIS

   lp [-h hostname[:port]] [-E] [-U username] [-c] [-d destina?

   tion[/instance]] [-m] [-n num-copies] [-o option[=value]] [-q

   priority] [-s] [-t title] [-H handling] [-P page-list] [--]

   [file(s)]

   lp [-h hostname[:port]] [-E] [-U username] [-c] [-i job-id] [

   -n num-copies] [-o option[=value]] [-q priority] [-t title] [-H

   handling] [-P page-list]

DESCRIPTION

   lp submits files for printing or alters a pending job. Use a filename

   of "-" to force printing from the standard input.

 THE DEFAULT DESTINATION

   CUPS provides many ways to set the default destination. The LPDEST and

   PRINTER environment variables are consulted first. If neither are set,

   the current default set using the lpoptions(1) command is used, fol?

lowed by the default set using the lpadmin(8) command.

OPTIONS

The following options are recognized by lp:

-- Marks the end of options; use this to print a file whose name be?

gins with a dash (-).

-E Forces encryption when connecting to the server.

-U username

Specifies the username to use when connecting to the server.

-c This option is provided for backwards-compatibility only. On sys?

tems that support it, this option forces the print file to be

copied to the spool directory before printing. In CUPS, print

files are always sent to the scheduler via IPP which has the same

effect.

-d destination

Prints files to the named printer.

-h hostname[:port]

Chooses an alternate server. Note: This option must occur before

all others.

-i job-id

Specifies an existing job to modify.

-m Sends an email when the job is completed.

-n copies

Sets the number of copies to print.

-o "name=value [... name=value]"

Sets one or more job options. See "COMMON JOB OPTIONS" below.

-q priority

Sets the job priority from 1 (lowest) to 100 (highest). The de?

fault priority is 50.

-s Do not report the resulting job IDs (silent mode.)

-t "name"

Sets the job name.

-H hh:mm

-H hold

-H immediate

-H restart

-H resume

   Specifies when the job should be printed. A value of immediate

   will print the file immediately, a value of hold will hold the job

   indefinitely, and a UTC time value (HH:MM) will hold the job until

   the specified UTC (not local) time. Use a value of resume with

   the -i option to resume a held job. Use a value of restart with

   the -i option to restart a completed job.

-P page-list

   Specifies which pages to print in the document. The list can con?

   tain a list of numbers and ranges (#-#) separated by commas, e.g.,

   "1,3-5,16". The page numbers refer to the output pages and not

   the document's original pages - options like "number-up" can af?

   fect the numbering of the pages.

COMMON JOB OPTIONS

   Aside from the printer-specific options reported by the lpoptions(1)

   command, the following generic options are available:

   -o job-sheets=name

      Prints a cover page (banner) with the document. The "name" can be

      "classified", "confidential", "secret", "standard", "topsecret",

      or "unclassified".

   -o media=size

      Sets the page size to size. Most printers support at least the

      size names "a4", "letter", and "legal".

   -o number-up={2|4|6|9|16}

      Prints 2, 4, 6, 9, or 16 document (input) pages on each output

      page.

   -o orientation-requested=4

      Prints the job in landscape (rotated 90 degrees counter-clock?

      wise).

   -o orientation-requested=5

      Prints the job in landscape (rotated 90 degrees clockwise).

-o orientation-requested=6

    Prints the job in reverse portrait (rotated 180 degrees).

-o print-quality=3

-o print-quality=4

-o print-quality=5

    Specifies the output quality - draft (3), normal (4), or best (5).

-o sides=one-sided

    Prints on one side of the paper.

-o sides=two-sided-long-edge

    Prints on both sides of the paper for portrait output.

-o sides=two-sided-short-edge

    Prints on both sides of the paper for landscape output.

CONFORMING TO

Unlike the System V printing system, CUPS allows printer names to con?
tain any printable character except SPACE, TAB, "/", or "#". Also,
printer and class names are not case-sensitive.

The -q option accepts a different range of values than the Solaris lp
command, matching the IPP job priority values (1-100, 100 is highest
priority) instead of the Solaris values (0-39, 0 is highest priority).

EXAMPLES

Print two copies of a document to the default printer:

    lp -n 2 filename

Print a double-sided legal document to a printer called "foo":

    lp -d foo -o media=legal -o sides=two-sided-long-edge filename

Print a presentation document 2-up to a printer called "bar":

    lp -d bar -o number-up=2 filename

SEE ALSO

cancel(1), lpadmin(8), lpoptions(1), lpq(1), lpr(1), lprm(1), lp?
stat(1), CUPS Online Help (http://localhost:631/help)

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