

Roadmap



Last Updated 10 Aug 2011

This page provides a dynamic look at all open Software Trouble Reports ("STRs") that have been filed on the [Bugs & Features](#) page. If you would like to contribute code to implement/fix any of the STRs below, please consult the [CUPS Developer Guide](#) for the coding standards we follow and then post your changes to the corresponding STR.

[CUPS 1.1](#) · [CUPS 1.2](#) · [CUPS 1.3](#) · [CUPS 1.4](#) · [CUPS 1.5](#) · [CUPS 1.6](#) · [CUPS -feature](#)






CUPS 1.4 (5 Bugs)















CUPS 1.4.x is a former stable branch. It is no longer being maintained, and any bug fixes will be applied against CUPS 1.5.x.

| STR # | Summary | Subsystem | Status | Priority |
|----------------------|---|--------------------------|-------------------------|---------------------|
| 3920 | printers are no longer visible as of CUPS 1.4.7 (HTTP related problem?)  1 | None | Pending | MOD |
| 3906 | CUPS 1.4.5 - print jobs printed but the print jobs still show up in the queue from lpstat | None | Pending | LOW |
| 3954 | WI does not represent shared status correctly | Multiple | Pending | LOW |
| 3962 | Web UI doesn't work for remote printers  2 | None | Pending | LOW |
| 3975 | zebra s600 delays between pages | None | Pending | LOW |

CUPS 1.5 (19 Bugs, 5 Fixed/Pending)





CUPS 1.5.x is the current stable branch. Bug fix (patch) releases will come out approximately every 6-8 weeks as needed.









| STR # | Summary | Subsystem | Status | Priority |
|----------------------|--|-----------|---------------------|---------------------|
| 3977 | cups keeps retrying to print job rejected due to Request Entity Too Large  1 | | New | MOD |
| 3985 | IPP backend fails to trigger authentication prompts when a username/password is required  1 | | New | MOD |
| 3988 | Downgrading the IPP backend to HTTP/1.0 can truncate the start of print jobs  1 | | New | MOD |
| 4015 | lp/lpr: no job cleanup if failure occurs after cupsCreateJob()  1 | | New | MOD |
| 3854 | When going from page 1 to page 2 on printers tab, order of printers gets reversed | | New | LOW |
| 4013 | CUPS backend lpd: wrong value "300 seconds" in error message | | New | LOW |
| 4014 | Job event notifications don't always have notify-printer-uri attribute | | New | LOW |
| 4016 | Printer MIB supply levels improperly interpreted  6 | | New | LOW |
| 4018 | cupsGetPPD3 oddity | | New | LOW |
| 4020 | Commas within marker supply names define extra marker names | | New | LOW |


| | | | | |
|------|--|--------------|-----------------|-----|
| 3933 | Mac OS X can't print to Cups 1.5  2 | Multiple | Pending | MOD |
| 3970 | Certificate ACLs not working on Linux  1 | Scheduler | Pending | MOD |
| 3976 | Firefox can print but not lpr  2 | None | Pending | MOD |
| 4008 | Printer Kyocera FS 2000D remains in endless processing loop  1 | None | Pending | MOD |
| 4012 | cups-polld is unable to connect to print server after suspend/resume  2 | Multiple | Pending | MOD |
| 3957 | InputSlot PPD option generally does not work in CUPS 1.5.x  1 | Scheduler | Pending | LOW |
| 3981 | Please add orange marker color  1 | Backends | Pending | LOW |
| 3986 | Some IPP printers fail when falling back to document-format-type "application/octet-stream".  1 | Backends | Pending | LOW |
| 3804 | Turkish translations for CUPS web interface  1 | Localization | Active | LOW |
| 3996 | iCloud-based Back To My Mac printing does not work  1 | Scheduler | Fixed r10151 | MOD |
| 3995 | IPP backend does not add finishing options from PPD  1 | Backends | Fixed r10152 | LOW |
| 4001 | media-size mapping can be inaccurate  1 | CUPS API | Fixed r10160 | MOD |
| 4009 | Multipurpose tray should map to "by-pass-tray" and not "alternate"  1 | CUPS API | Fixed r10199 | MOD |
| 4011 | http_setup_ssl() needs to strip trailing dot from server name, if present  1 | CUPS API | Fixed r10213 | MOD |

CUPS 1.6 (22 Features, 6 Bugs)

CUPS 1.6 is the current development branch.



| STR # | Summary | Subsystem | Status | Priority |
|-------|---|----------------------|---------|----------|
| 3477 | Move libusb-based USB backend to libusb 1.0  1 | Backends | Pending | LOW |
| 3949 | Allow partial matches for WITH-VALUE "/regex/"? | ipptool | Pending | LOW |
| 3980 | Clarify policy documentation  1 | Documentation | Pending | LOW |
| 4006 | Update all usage of "dpc" to "dpcm" to match current PWG recommendations | Multiple | Pending | LOW |
| 4010 | Remove and deprecate many options | Multiple | Pending | LOW |
| 197 | job-originating-host-name in lpq  1 | Berkeley Commands | Pending | RFE |
| 198 | job-originating-host-name, title in lpstat  1 | System V Commands | Pending | RFE |
| 2053 | Pass job-originating-host-name value in LPD job | Multiple | Pending | RFE |
| 2291 | Automatic cancellation of held jobs after a configured duration | Scheduler | Pending | RFE |
| 2322 | Mail notifications to event subscriptions should provide more details | Notifiers | Pending | RFE |
| 2856 | arbitrarily limits username/password to 32 characters | Multiple | Pending | RFE |




| | | | | |
|------|--|----------------|---------|-----|
| 2900 | cupsaddsmb / manual: Add EXAMPLES sections | Documentation | Pending | RFE |
| 2913 | Improve Get-Jobs performance with large numbers of jobs  3 | Scheduler | Pending | RFE |
| 2935 | please support less restricted root backend permissions  3 | Scheduler | Pending | RFE |
| 3066 | Add avahi support  16 | Multiple | Pending | RFE |
| 3100 | expand PJI heade with Username  1 | CUPS API | Pending | RFE |
| 3114 | allow setting of default user name from config file  1 | CUPS API | Pending | RFE |
| 3143 | Provide setting for number of saved jobs for PreserveJobFiles | Scheduler | Pending | RFE |
| 3459 | Please add a configure option for the installed cupsd permissions | Build Files | Pending | RFE |
| 3483 | Add FixPermissions directive | Scheduler | Pending | RFE |
| 3551 | Handle SNMP supply level quirks  4 | Backends | Pending | RFE |
| 3618 | Generate self-signed certificate at start-up? | Scheduler | Pending | RFE |
| 3702 | dnssd: construct CMD Device ID field from Bonjour TXT field | Backends | Pending | RFE |
| 3767 | Support for Zebra Technologies Kiosk Printers in CUPS  2 | Sample Drivers | Pending | RFE |
| 3808 | CUPS does not support the colord color management framework on Linux  6 | Scheduler | Pending | RFE |
| 3925 | Add new API for generic printer options/IPP attributes | Multiple | Pending | RFE |
| 3927 | Deprecate the PPD compiler | Multiple | Pending | RFE |


| | | | | |
|------|---|--------------|--------|-----|
| 3994 | Cups fails to print text files or output with "BM" in the first 2 char positions of first line  1 | Config Files | Active | LOW |
|------|---|--------------|--------|-----|

CUPS -feature (27 Features, 2 Bugs)

The -feature branch contains features that have not yet been scheduled for a release.

| STR # | Summary | Subsystem | Status | Priority |
|-------|---|-----------|--------|----------|
| 4017 | Add waste tray status and cleaner unit end-of-life supply states  3 | | New | RFE |
| 4019 | Try harder to match supply colorant values  1 | | New | RFE |

| | | | | |
|------|--|-----------|---------|-----|
| 3239 | snmp backend should verify hostname in device URI | Backends | Pending | LOW |
| 3288 | Spurious 'Bad request line "^W^C^A" from M.N.O.P!' messages in error log  2 | Scheduler | Pending | LOW |
| 1177 | Unable to change sort order of bugs on cups.org | Web Site | Pending | RFE |
| 1914 | Use Cancel-Jobs operation instead of Purge-Jobs for pending jobs in web interface | Multiple | Pending | RFE |
| 2728 | Print banner page from different input tray | Scheduler | Pending | RFE |
| 2890 | Add back-channel support to libusb-based USB backend | Backends | Pending | RFE |
| 2896 | Applications need to be able to list and retrieve installed ICC profiles | Multiple | Pending | RFE |
| 2930 | Implement the --version and --help options in the cups tools | Multiple | Pending | RFE |
| 2967 | Group authentication with duplicated groups does not work  1 | Scheduler | Pending | RFE |
| 3092 | Add support for printer list filtering  1 | CUPS API | Pending | RFE |
| 3168 | Make `lp -i` able to restart a job with a job-hold-until attribute | | Pending | RFE |

| | | <u>System V Commands</u> | | |
|-------------|--|------------------------------|----------------|------------|
| <u>3199</u> | <u>cups-lpd receives print file before establishing it can create a job on the cupsd</u>  2 | <u>LPD Mini-Daemon</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3274</u> | <u>Add way to purge individual jobs in web interface.</u>  1 | <u>CGI Programs</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3282</u> | <u>Web interface to allow input of message to explain why queue has been stopped</u> | <u>CGI Programs</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3301</u> | <u>Web Interface: No Cancel or Back buttons</u> | <u>CGI Programs</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3323</u> | <u>Transition legacy locale names to official ones</u> | <u>Multiple</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3365</u> | <u>new printer support working. Tyco label printer</u>  1 | <u>Sample Drivers</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3476</u> | <u>Make connection timeout adjustable</u>  1 | <u>CUPS API</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3604</u> | <u>Add/update P2600/ISO 27001 audit events for cupsd</u>  1 | <u>Scheduler</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3626</u> | <u>USB connected Brother, Canon, Konica, and Minolta can't do bi-directional.</u>  1 | <u>Backends</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3736</u> | <u>Allow ACLs based on domain sockets</u> | <u>Scheduler</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3772</u> | <u>Need better packaging/distribution scheme for large numbers of PPDs</u> | <u>Multiple</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3777</u> | <u>"Share this printer" not checked when DefaultShared Yes in cupsd.conf</u> | <u>CGI Programs</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3793</u> | <u>/usr/share/cups/profile/ is not a standard search path for profiles on Linux</u> | <u>None</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3819</u> | <u>Performance enhancement for IPP-Get-Jobs</u>  1 | <u>Scheduler</u> | <u>Pending</u> | <u>RFE</u> |
| <u>3917</u> | <u>Please introduce support for installing systemd units</u>  2 | <u>Multiple</u> | <u>Pending</u> | <u>RFE</u> |
| <hr/> | | | | |
| <u>3991</u> | <u>Change default IPv6 address representation in URIs</u> | <u>CUPS API</u> | <u>Active</u> | <u>RFE</u> |