

# Roadmap

## CUPS -feature (43 Features, 5 Bugs, 53 Fixed/Pending)








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




STR #	Summary	Subsystem	Status	Priority
<a href="#">4266</a>	<a href="#">Add pwgto... filters to make CUPS emulating an IPP Everywhere printer completely</a>		<a href="#">New</a>	<a href="#">RFE</a>
<a href="#">4096</a>	<a href="#">cupsCopyDestConflicts and cupsEncodeOptions* do not handle collection attributes</a>	<a href="#">CUPS API</a>	<a href="#">Pending</a>	<a href="#">MOD</a>
<a href="#">4101</a>	<a href="#">Add more unit tests and IPP Everywhere attributes to ippserver</a>	<a href="#">Multiple</a>	<a href="#">Pending</a>	<a href="#">MOD</a>
<a href="#">3239</a>	<a href="#">snmp backend should verify hostname in device URI</a>	<a href="#">Backends</a>	<a href="#">Pending</a>	<a href="#">LOW</a>
<a href="#">3288</a>	<a href="#">Spurious 'Bad request line "^W^C^A" from M.N.O.P!' messages in error log</a>  2	<a href="#">Scheduler</a>	<a href="#">Pending</a>	<a href="#">LOW</a>
<a href="#">4252</a>	<a href="#">charset cannot be specified by document-format in Send-Document</a>	<a href="#">Multiple</a>	<a href="#">Pending</a>	<a href="#">LOW</a>
<a href="#">1177</a>	<a href="#">Unable to change sort order of bugs on cups.org</a>	<a href="#">Web Site</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">1914</a>	<a href="#">Use Cancel-Jobs operation instead of Purge-Jobs for pending jobs in web interface</a>	<a href="#">Multiple</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">2322</a>	<a href="#">Mail notifications to event subscriptions should provide more details</a>	<a href="#">Notifiers</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">2728</a>	<a href="#">Print banner page from different input tray</a>	<a href="#">Scheduler</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">2896</a>	<a href="#">Applications need to be able to list and retrieve installed ICC profiles</a>	<a href="#">Multiple</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">2913</a>	<a href="#">Improve Get-Jobs performance with large numbers of jobs</a>  3	<a href="#">Scheduler</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">2930</a>	<a href="#">Implement the --version and --help options in the cups tools</a>	<a href="#">Multiple</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">2935</a>	<a href="#">please support less restricted root backend permissions</a>  3	<a href="#">Scheduler</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">2967</a>	<a href="#">Group authentication with duplicated groups does not work</a>  1	<a href="#">Scheduler</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">3092</a>	<a href="#">Add support for printer list filtering</a>  1	<a href="#">CUPS API</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">3168</a>	<a href="#">Make `lp -i' able to restart a job with a job-hold-until attribute</a>	<a href="#">System V Commands</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">3199</a>	<a href="#">cups-lpd receives print file before establishing it can create a job on the cupsd</a>  2	<a href="#">LPD Mini-Daemon</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">3274</a>	<a href="#">Add way to purge individual jobs in web interface.</a>  1	<a href="#">CGI Programs</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">3282</a>	<a href="#">Web interface to allow input of message to explain why queue has been stopped</a>	<a href="#">CGI Programs</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">3301</a>	<a href="#">Web Interface: No Cancel or Back buttons</a>	<a href="#">CGI Programs</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">3323</a>	<a href="#">Transition legacy locale names to official ones</a>	<a href="#">Multiple</a>	<a href="#">Pending</a>	<a href="#">RFE</a>
<a href="#">3365</a>	<a href="#">new printer support working. Tyco label printer</a>  1	<a href="#">Sample Drivers</a>	<a href="#">Pending</a>	<a href="#">RFE</a>

3369	<a href="#"><u>Add support for lzma/xz to CUPS file APIs</u></a>	<a href="#"><u>CUPS API</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3476	<a href="#"><u>Make connection timeout adjustable</u></a>  1	<a href="#"><u>CUPS API</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3483	<a href="#"><u>Add FixPermissions directive</u></a>	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3604	<a href="#"><u>Add/update P2600/ISO 27001 audit events for cupsd</u></a>  1	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3618	<a href="#"><u>Generate self-signed certificate at start-up?</u></a>	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3736	<a href="#"><u>Allow ACLs based on domain sockets</u></a>	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3767	<a href="#"><u>Support for Zebra Technologies Kiosk Printers in CUPS</u></a>  3	<a href="#"><u>Sample Drivers</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3777	<a href="#"><u>"Share this printer" not checked when DefaultShared Yes in cupsd.conf</u></a>	<a href="#"><u>CGI Programs</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3793	<a href="#"><u>/usr/share/cups/profile/ is not a standard search path for profiles on Linux</u></a>	<a href="#"><u>None</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3819	<a href="#"><u>Performance enhancement for IPP-Get-Jobs</u></a>  1	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
3917	<a href="#"><u>Please introduce support for installing systemd units</u></a>  2	<a href="#"><u>Multiple</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4035	<a href="#"><u>Add support for bzip2 compression/decompression</u></a>	<a href="#"><u>CUPS API</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4039	<a href="#"><u>Support intermediate certificate authority file</u></a>	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4041	<a href="#"><u>Template keywords are visible in some configurations</u></a>	<a href="#"><u>CGI Programs</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4070	<a href="#"><u>HostNameLookups Double giving IP lookup failed - connection from localhost closed</u></a>	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4071	<a href="#"><u>allow client authentication using certificates</u></a>	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4094	<a href="#"><u>Large PJJ header from Xerox MacOS X and Windows drivers</u></a>  1	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4123	<a href="#"><u>support multiple authentication methods in cupsd.conf</u></a>	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4150	<a href="#"><u>TBCP quoting broken in combination with PJJ</u></a>	<a href="#"><u>Port Monitors</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4153	<a href="#"><u>&lt;DefaultPrinter&gt; tag in printers.conf closes with &lt;/Printer&gt;</u></a>  1	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4160	<a href="#"><u>Datamax DPL Based Label Printer Filter</u></a>  2	<a href="#"><u>Sample Drivers</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4188	<a href="#"><u>Add NOT-EXPECT and NOT-STATUS directives</u></a>	<a href="#"><u>ipptool</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4189	<a href="#"><u>Add support for compound value tests</u></a>	<a href="#"><u>ipptool</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4238	<a href="#"><u>Separate configuration (printers.conf) and state (printers.state?)</u></a>	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>
4258	<a href="#"><u>Add IPP Everywhere PPD generator</u></a>	<a href="#"><u>Sample Drivers</u></a>	<a href="#"><u>Pending</u></a>	<a href="#"><u>RFE</u></a>

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2081	<a href="#"><u>Custom Media Sizes</u></a>	<a href="#"><u>CUPS API</u></a>	<a href="#"><u>Fixed 1.1.14 or older</u></a>	<a href="#"><u>RFE</u></a>
3050	<a href="#"><u>Transparent printing.</u></a>	<a href="#"><u>None</u></a>	<a href="#"><u>Fixed 1.1.14 or older</u></a>	<a href="#"><u>RFE</u></a>
3087	<a href="#"><u>web access without login shell</u></a>	<a href="#"><u>Config Files</u></a>	<a href="#"><u>Fixed 1.1.14 or older</u></a>	<a href="#"><u>RFE</u></a>
3265	<a href="#"><u>CUPS does not offer hardware collate</u></a>	<a href="#"><u>PostScript Filter</u></a>	<a href="#"><u>Fixed 1.1.14 or older</u></a>	<a href="#"><u>RFE</u></a>
3526	<a href="#"><u>Add ability to restrict access to printers by IP address</u></a>	<a href="#"><u>Scheduler</u></a>	<a href="#"><u>Fixed 1.1.14 or older</u></a>	<a href="#"><u>RFE</u></a>
3629	<a href="#"><u>Provide for host name resolution on remote printers in device uri</u></a>	<a href="#"><u>Backends</u></a>	<a href="#"><u>Fixed 1.1.14 or older</u></a>	<a href="#"><u>RFE</u></a>

<u>621</u>	<u>printing to classes of IPP production printers</u>	<u>Backends</u>	<u>Fixed 1.1.21</u>	<u>RFE</u>
<u>3247</u>	<u>Enable CUPS to advertize non-CUPS network printers</u>	<u>None</u>	<u>Fixed 1.1.23</u>	<u>RFE</u>
<u>1341</u>	<u>Send email alert when status of printer changes</u>	<u>Scheduler</u>	<u>Fixed</u> <u>1.2-current</u>	<u>RFE</u>
<u>1469</u>	<u>Pair authentication, Allow/Deny, Encryption with Port/SSLPort</u>	<u>Scheduler</u>	<u>Fixed</u> <u>1.2-current</u>	<u>RFE</u>
<u>1489</u>	<u>Auto restart option for auto stop queues</u>	<u>Scheduler</u>	<u>Fixed</u> <u>1.2-current</u>	<u>RFE</u>
<u>1328</u>	<u>Cups must be restarted to see newly-plugged usb printer</u>	<u>Scheduler</u>	<u>Fixed r4810</u>	<u>RFE</u>
<u>1369</u>	<u>Request for purge-jobs operation in web interface</u>  <u>1</u>	<u>CGI Programs</u>	<u>Fixed r4887</u>	<u>RFE</u>
<u>304</u>	<u>Very long delay when starting CUPS</u>	<u>Scheduler</u>	<u>Fixed r5162</u>	<u>RFE</u>
<u>804</u>	<u>cups-lpd very poor performance</u>	<u>LPD</u> <u>Mini-Daemon</u>	<u>Fixed r5162</u>	<u>RFE</u>
<u>1550</u>	<u>CUPS GET OPTIONS / CUPS SET OPTIONS</u>	<u>Scheduler</u>	<u>Fixed r5389</u>	<u>RFE</u>
<u>1586</u>	<u>Missing</u>  <u>1</u>	<u>Localization</u>	<u>Fixed r5450</u>	<u>RFE</u>
<u>1695</u>	<u>Ability to cancel a job on remote from a cups server on a remote cups served ipp printer</u>	<u>Backends</u>	<u>Fixed 1.2.0</u>	<u>RFE</u>
<u>1883</u>	<u>Cancel button</u>	<u>CGI Programs</u>	<u>Fixed 1.2.0</u>	<u>RFE</u>
<u>2029</u>	<u>Propagate lptions from server to clients</u>	<u>Multiple</u>	<u>Fixed 1.2.0</u>	<u>RFE</u>
<u>2776</u>	<u>Printer classes</u>	<u>Multiple</u>	<u>Fixed 1.2.0</u>	<u>RFE</u>
<u>2870</u>	<u>Support for authentication when adding printer via browsing protocol.</u>	<u>Scheduler</u>	<u>Fixed 1.2.0</u>	<u>RFE</u>
<u>2948</u>	<u>cupstestppd: Mode needed which passes if CUPS would accept the PPD and fails if not</u>	<u>CUPS</u> <u>Commands</u>	<u>Fixed 1.2.0</u>	<u>RFE</u>
<u>3355</u>	<u>Hook for own enhancements wanted</u>  <u>1</u>	<u>Scheduler</u>	<u>Fixed 1.2.0</u>	<u>RFE</u>
<u>3794</u>	<u>Web administration should allow changing a network printer's hostname</u>  <u>1</u>	<u>CGI Programs</u>	<u>Fixed 1.2.0</u>	<u>RFE</u>
<u>1727</u>	<u>Enable automatic generating of server key and certification when cupsd linked to openssl</u>	<u>Scheduler</u>	<u>Fixed 1.2.2</u>	<u>RFE</u>
<u>1669</u>	<u>Complete and improved Polish translation</u>  <u>1</u>	<u>Localization</u>	<u>Fixed r5526</u>	<u>RFE</u>
<u>596</u>	<u>Printer objects in the printer Class</u>	<u>CGI Programs</u>	<u>Fixed 1.3.0</u>	<u>RFE</u>
<u>2022</u>	<u>Provide more useful error message for printers without a PPD file.</u>  <u>2</u>	<u>CGI Programs</u>	<u>Fixed 1.3.0</u>	<u>RFE</u>
<u>2037</u>	<u>cupsaddsmb should support specifying which architecture the drivers are</u>	<u>CUPS</u> <u>Commands</u>	<u>Fixed 1.3.0</u>	<u>RFE</u>
<u>2932</u>	<u>Better names for the enable/disable, accept/reject commands</u>	<u>Multiple</u>	<u>Fixed</u> <u>1.4-current</u>	<u>RFE</u>
<u>3532</u>	<u>Set the effective queue when calling cupsfilter</u>  <u>1</u>	<u>CUPS</u> <u>Commands</u>	<u>Fixed 1.4.0</u>	<u>RFE</u>
<u>3678</u>	<u>Canceled jobs remain on web display until scheduler restart</u>	<u>CGI Programs</u>	<u>Fixed 1.4.0</u>	<u>RFE</u>
<u>3968</u>	<u>Auto-resume printer.</u>	<u>None</u>	<u>Fixed 1.4.0</u>	<u>RFE</u>
<u>3494</u>	<u>socket: remove 5 second wait for back-channel data</u>	<u>Backends</u>	<u>Fixed 1.4.4</u>	<u>RFE</u>
<u>3093</u>	<u>Add support for SSL/TLS certificate validation and revocation</u>	<u>Multiple</u>	<u>Fixed</u> <u>1.5-current</u>	<u>RFE</u>
<u>1288</u>	<u>Add option/command to show detailed job data</u>	<u>System V</u> <u>Commands</u>	<u>Fixed 1.5.0</u>	<u>RFE</u>

<u>1743</u>	<u>Command line method to query job hold status</u>	<u>Multiple</u>	<u>Fixed 1.5.0</u>	<u>RFE</u>
<u>2952</u>	<u>Implementation of Pause-Printer-After-Current-Job</u>	<u>Scheduler</u>	<u>Fixed 1.5.0</u>	<u>RFE</u>
<u>3081</u>	<u>Better Kerberos-related error messages for shell user commands</u>	<u>Multiple</u>	<u>Fixed 1.5.0</u>	<u>RFE</u>
<u>3145</u>	<u>Suggested Improvments for CUPS Test Page</u>	<u>Banner Filter</u>	<u>Fixed 1.5.0</u>	<u>RFE</u>
<u>3634</u>	<u>virtual host support for kerberos authentication</u>	<u>Scheduler</u>	<u>Fixed 1.5.0</u>	<u>RFE</u>
<u>3918</u>	<u>lpdump tool which dumps all available information</u>	<u>ippool</u>	<u>Fixed 1.5.0</u>	<u>RFE</u>
<u>3626</u>	<u>USB connected Brother, Canon, Konica, and Minolta can't do bi-directional.  1</u>	<u>Backends</u>	<u>Fixed 1.6-current</u>	<u>RFE</u>
<u>4197</u>	<u>OpenBSD: remove pthread hack  2</u>	<u>Scheduler</u>	<u>Fixed r10634</u>	<u>RFE</u>
<u>384</u>	<u>Make CUPS java API compliant with Java Print Service (JSR006)</u>	<u>Language Bindings</u>	<u>None</u>	<u>RFE</u>
<u>1302</u>	<u>PAPI for CUPS</u>	<u>CUPS API</u>	<u>None</u>	<u>RFE</u>
<u>2181</u>	<u>EACCES in CUPS backends very difficult to diagnose</u>	<u>Backends</u>	<u>None</u>	<u>RFE</u>
<u>2389</u>	<u>allow auth</u>	<u>Config Files</u>	<u>None</u>	<u>RFE</u>
<u>2578</u>	<u>A per-printer 'job hold policy'?</u>	<u>Multiple</u>	<u>None</u>	<u>RFE</u>
<u>4164</u>	<u>LDAP Intergration</u>	<u>None</u>	<u>None</u>	<u>RFE</u>
<u>2897</u>	<u>Adding CUPS filters for using PDF as standard print job format  6</u>	<u>None</u>	<u>Third-party</u>	<u>RFE</u>
<u>2250</u>	<u>Please add release dates to version headings</u>	<u>None</u>	<u>Web Site</u>	<u>RFE</u>