

## IPDS Print Operator Commands

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Infoprint Manager offers a comprehensive set of operator commands which can be used to manage printing on IPDS printers. These commands can be used to help manage printing priorities and also help by providing the operator with functions often useful when dealing with problems that may occur in the printing system. For more information about the commands listed in the following table, refer to the *Infoprint Manager: Reference*, (S544-5475). The operator can perform the following tasks:

	Task	Description	Infoprint Manager Command Syntax
1	Disable	Stop a printer from receiving new jobs.	<code>pddisable -cd dest</code> where <i>dest</i> specifies either a logical or an actual destination (printer) object.
2	Enable	Allow a printer to receive new jobs.	<code>pdenable -cd dest</code> where <i>dest</i> specifies either a logical or an actual destination (printer) object.
3	Query active job	Query which job is actively printing on a printer <b>Note:</b> The query response is based on the last set of station counters obtained from the printer, which is printing pages continuously. To get an absolutely accurate query you must: <ul style="list-style-type: none"> <li>• Pause the printer (7)</li> <li>• Issue the query</li> <li>• Resume the printer (11).</li> </ul>	<code>pdls -f "destination-name-requested==ldest &amp;&amp; current-job-state==printing" server:</code> where <i>server</i> specifies the Infoprint AIX server to which the job was submitted, and <i>dest</i> specifies the actual destination (physical printer).
4	Query page number	Query the page number of the currently printing page. Refer to <b>Note</b> after (3).	<code>pdls -cj -r current-page-printing jobid</code> where <i>jobid</i> specifies the <b>job-identifier</b> attribute. IBM recommends using the global ID, which follows the convention <code>server:0123456789</code> where <i>server</i> specifies the name of the Infoprint AIX server to which this job was submitted and <code>0123456789</code> indicates a 10-digit numeric value assigned by the Infoprint spooler. You can determine the <b>job-identifier</b> attribute value by specifying: <code>pdls -cj server:</code>
5	Query job details	Query the number of copies, sheets and pages stacked for a job. Refer to <b>Note</b> after (3).	<code>pdls -cj -r "job-copies-completed media-sheets-completed pages-completed" jobid</code> where <i>jobid</i> specifies the <b>job-identifier</b> attribute.

6	Clean	Remove all jobs from a printer.	<code>pdclean ldest</code> where <i>ldest</i> specifies the logical destination (logical printer).
7	Pause printer	Pause a printer immediately.	<code>pdpause -cd dest</code> where <i>dest</i> specifies the actual destination (physical printer).
8	Pause printer	Pause a printer after the current copy completes.	<code>pdpause -cd -w after-current-copy dest</code> where <i>dest</i> specifies the actual destination (physical printer).
9	Pause printer	Pause a printer after the current job completes.	<code>pdpause -cd -w after-current-job dest</code> where <i>dest</i> specifies the actual destination (physical printer).
10	Resume printer	Resume a printer that had been paused.	<code>pdresume -cd dest</code> where <i>dest</i> specifies the actual destination (physical printer).
11	Cancel job	Cancel a specific job.	<code>pdrm jobid</code> where <i>jobid</i> specifies the <b>job-identifier</b> attribute.
12	Pause job	Pause a specific job after the current copy completes.	<code>pdpause -cj -w after-current-copy jobid</code> where <i>jobid</i> specifies the <b>job-identifier</b> attribute.
13	Pause job	Pause a specific job immediately.	<code>pdpause -cj jobid</code> where <i>jobid</i> specifies the <b>job-identifier</b> attribute.
14	Pause job	Pause the job that is currently printing immediately.	<code>pdpause -cd -j dest</code> where <i>dest</i> specifies the actual destination (physical printer).
15	Pause job	Pause the job that is currently printing after the current copy.	<code>pdpause -cd -j -w after-current-copy dest</code> where <i>dest</i> specifies the actual destination (physical printer).
16	Resume job	Resume a job that was paused.	<code>pdresume -cj jobid</code> where <i>jobid</i> specifies the <b>job-identifier</b> attribute.
17	Back space	Back space (reprint a specific number of sides) the job that is printing.	<code>pdspace -cd -b sidecount dest</code> where <i>dest</i> specifies the actual destination (physical printer).
18	Reprint	Reprint the job that is printing from the beginning.	<code>pdspace -cd -b -1 dest</code> where <i>dest</i> specifies the actual destination (physical printer).
19	Forward space	Forward space (skip a specific number of sides) the job that is printing.	<code>pdspace -cd -f sidecount dest</code> where <i>dest</i> specifies the actual destination (physical printer).

If one of these commands is received and it affects a job that has been sent or is in the process of being sent to the printer, Infoprint Manager immediately stops sending data to the printer and sends the printer a command to stop printing (this applies to commands 7, 9, 10, 12-15).

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For printers that support the SNMP Remote Operator interface, like the Infoprint 4000, the printer will stop within a few seconds. For printers without this support, some pages will likely print before the printer stops.

The number of pages that print before the printer stops will vary depending on the number, size, and complexity of jobs that are in process as well as the speed and type of printer involved. Once the printer has stopped, Infoprint Manager performs the steps necessary to execute the requested operator command.

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