

## Technotes (FAQs)

lpsched will not accept print requests, error 0920-026

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Platform(s): Linux      Version(s): Version Independent

Historical path: aix/sysVprint/10

URL:

Question

lpsched will not accept print requests, error 0920-026

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### INTRODUCTION

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If a very large number of jobs are submitted at once, or a large number of jobs are submitted to a printer that has been disabled, the following error may be encountered.

UX:lp: ERROR: 0920-026 No space to allocate temp files.  
TO FIX: Clean up disk, or try again later.

A quick check of the filesystem will show that there is no shortage of space. Typically the number of print jobs that are pending for the queue will be approximately 1,000.

### SCOPE

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This TechNote applies to AIX 5.X when using the System V printing system.

### DETAILS

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The error message is rather misleading. What has happened is that the print

request number (job number) is about to wrap. The print request had been rejected to prevent two print jobs from having the same request number.

For example, an lpstat of the print queue shows that the first print jobs in the queue is 117. (There are actually 992) print jobs on the queue, the lpstat has been edited.)

newp-117	root	983	Tue Jul	1	14:11:27	2003
newp-118	root	983	Tue Jul	1	14:11:28	2003
--- lots of excess deleted ---						
newp-996	root	983	Tue Jul	1	14:23:14	2003
newp-997	root	983	Tue Jul	1	14:23:14	2003
newp-1	root	983	Tue Jul	1	14:23:15	2003
newp-998	root	983	Tue Jul	1	14:23:15	2003
newp-2	root	983	Tue Jul	1	14:29:30	2003

newp-3	root	983	Tue Jul 1 14:29:31 2003
newp-4	root	983	Tue Jul 1 14:29:32 2003
newp-114	root	983	Tue Jul 1 14:30:53 2003
newp-115	root	983	Tue Jul 1 14:30:54 2003
newp-116	root	983	Tue Jul 1 14:30:55 2003

The last print job is 116. Notice then that if were to accept another print request the number would be 117, but that's the same request number as the first job on the queue.

#### SOLUTION

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The point at which the request id's wrap is configurable. The default value

is 999. The configuration file is:

```
/var/spool/lp/tmp/YOUR_SYSTEM_HOST_NAME/.SEQF
```

The default would look like:

```
1:999:1:747
```

The first two numbers are the limits of the job numbers.  
The next number shows where this job sequence started.  
The last number is the number of the next print request

To change the file, you must first stop the scheduler.

```
# /usr/sbin/lpshut
```

```
UX:lpshut: INFO: Print services stopped.
```

Edit the file with the new values.

Restart the scheduler.

```
# /usr/lib/lp/lpsched
```

```
UX:lpsched: INFO: Print services started.
```

NOTE: If you already have a lot of print jobs in the queue, simply increasing

the upper limit will not allow you to submit further requests.

Additionally

you need to increase the value for the next print request such that there will not be a wrap of the number.

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