

Network printer and AIX Print Queues

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I'm running AIX 4.3.3 on an RS6000 – model F50.
I have a Printronix P5220S printer on the network.
The printer has an ethernet port and has been configured to the proper network settings.

Using 'smit printer' to add an AIX Print Queue

→ Print Spooling
 → Add a Print Queue
 Add a Print Queue

Move cursor to desired item and press Enter. Use arrow keys to scroll.

```
# ATTACHMENT TYPE DESCRIPTION
  local Printer Attached to Local Host
  remote Printer Attached to Remote Host
  xstation Printer Attached to Xstation
  ascii Printer Attached to ASCII Terminal
  hpJetDirect Network Printer (HP JetDirect)
  file File (in /dev directory)
→ ibmNetPrinter IBM Network Printer
  ibmNetColor IBM Network Color Printer
  other User Defined Backend
```

Printer Type

Move cursor to desired item and press Enter.

```
Bull
Canon
Dataproducts
Hewlett-Packard
→ IBM
Lexmark
OKI
Printronix
QMS
Texas Instruments
Other (Select this if your printer type is not listed above)
```

AIX-L: Network printer and AIX Print Queues

-> ibm6400 IBM 6400 Printer

Add a Print Queue

Type or select values in entry fields.

Press Enter AFTER making all desired changes.

[Entry Fields]

Description IBM 6400 Printer

Names of NEW print queues to add

Epson FX Emulation []

-> Printronix P-series Emulation [P5220]

IBM Proprinter III XL Emulation []

Printer connection characteristics

* HOSTNAME of the Network Printer Card [192.168.0.60]

-> List All Print Queues Display is the following:

PRINT QUEUE PRINTER DESCRIPTION

P5220 ibm@192 ibm6400 (Printronix P-series

-> Show Status of Print Queues Display is the following:

Queue Dev Status

P5220 ibm@1 READY

->Start a Print Job

Start a Print Job

Type or select a value for the entry field.

Press Enter AFTER making all desired changes.

[Entry Fields]

PRINT QUEUE name [P5220]

Print File Type

Move cursor to desired item and press Enter.

a ASCII

-> p pass-through (SELECTED pass-through)

F1=Help F2=Refresh F3=Cancel

F8=Image F10=Exit Enter=Do

/=Find n=Find Next

Start a Print Job

AIX-L: Network printer and AIX Print Queues

Type or select values in entry fields.
Press Enter AFTER making all desired changes.

[TOP] [Entry Fields]

Print queue name P5220

* Name of FILE to print [/etc/hosts]

A few seconds later and the display shows Job number is: 32

A few more seconds and I get the following error message
at the system console:

Message from root on aims (UNKNOWN) [Wed Aug 17 13:19:23 CDT 2005] ...

Message from queueing system:

0781-088 Queue P5220:ibm@192 went down, job is still queued:

Backend: /usr/lib/lpd/pio/etc/pioibmnp 192.168.0.60 -d p /etc/hosts

Backend Exit Value: EXITFATAL (0100)

Job Submit Time: Aug 17 13:19:12 2005. Current Time: Aug 17 13:19:23 2005

Use local problem reporting procedures.

<EOT>

-> Show the Status of Print Jobs

Queue Dev Status Job Files User

P5220 ibm@1 DOWN

QUEUED 32 /etc/hosts root

It seems I get this error whenever I try to define the printer
as one of the following:

ibmNetPrinter IBM Network Printer

ibmNetColor IBM Network Color Printer

If I set the printer as hpJetDirect (Network Printer (HP JetDirect))
and say the Printer Type is Printronix and is a Printronix P9012
Line Printer, the error messages disappear but if I print a file
there is a bunch of gobbly gook before and after the printed text.

Bottom Line:

What causes the error:

0781-088 Queue P5220:ibm@192 went down, job is still queued:

Backend: /usr/lib/lpd/pio/etc/pioibmnp 192.168.0.60 -d p /etc/hosts

Backend Exit Value: EXITFATAL (0100)

and is there a way to fix/correct it?

Thanks,