

Printing From AS/400 to Kyocera Printer

Question 1: How to print from AS/400 to Kyocera Printer.

Answer 1: In order to print from AS/400 to Kyocera Printer using TCP/IP, please install Net Work Interface Card on the Printer and configure the IP address, Subnet Mask and Gateway on the printer.

Use Following AS/400 Commend to create OUTQ on AS/400.

Type CRTOUTQ and Press Function Key 4 (F4)

Press Function Key 9 (F9)

Please fill out the parameter as shown below.

```

Create Output Queue (CRTOUTQ)
Type choices, press Enter.
Output queue . . . . . > LASER      Name
Library . . . . . > QUSRSYS   Name, *CURLIB
Maximum spooled file size:
Number of pages . . . . . *NONE      Number, *NONE
Starting time . . . . .           Time
Ending time . . . . .           Time
+ for more values -
Order of files on queue . . . . *FIFO      *FIFO, *JOBNBR
Remote system . . . . . > *INTNETADR
Remote printer queue . . . . . > *LPAF
  
```

Press Page Down and please fill out the parameter as shown below. Please replace IP Address 12.34.56.789 by the actual IP Address.

```

Create Output Queue (CRTOUTQ)
Type choices, press Enter.
Writers to autostart . . . . . 1      1-10, *NONE
Queue for writer messages . . . QSYSOPR Name
Library . . . . . *LIBL      Name, *LIBL, *CURLIB
Connection type . . . . . *IP      *SNA, *IP, *IPX, *USRDFN
Destination type . . . . . *OTHER   *OS400, *OS400V2, *PSF2...
Host print transform . . . . . *YES     *YES, *NO
User data transform . . . . . *NONE    Name, *NONE
Library . . . . .           Name, *LIBL, *CURLIB
Manufacturer type and model . . *HP4
Workstation customizing object . *NONE    Name, *NONE
Library . . . . .           Name, *LIBL, *CURLIB
Image configuration . . . . . *NONE    *NONE, *IMGA01, *IMGA02...
Internet address . . . . . 12.34.56.789
VM/MVS class . . . . . A      A, B, C, D, E, F, G, H, I...
Forms Control Buffer . . . . . *NONE    Character value, *NONE...
  
```

Press Enter. Once the out put queue is created, you can create report in to this outq and send it to Kyocera Printer.

Following is the AS/400 Command to create OUTQ, if you like to type command on command line without prompt.

```
==> CRTOUTQ OUTQ(QUSRSYS/LASER) RMTSYS(*INTNETADR)  
RMTPRTQ(*LPAF) AUTOSTRWTR(1) CNNTYPE(*IP) DESTTYPE(*OTHER)  
MFRTYPMDL(*HP4) INTNETADR('12.34.56.789')
```

Question 2: How to print multiple copy from AS/400 to Kyocera Printer.

Answer 2: If you want to print out multiple copy on Kyocera printer connected to AS/400 through TCP/IP then please, specify Destination Option = XAIX, on CRTOUTQ Command as under.

**==> CRTOUTQ OUTQ(QUSRSYS/LASER) RMTSYS(*INTNETADR)
RMTprtQ(*LPAF) AUTOSTRWTR(1) CNNTYPE(*IP) DESTTYPE(*OTHER)
MFRTYPMDL(*HP4) INTNETADR('12.34.56.789') DESTOPT(XAIX)**

Once the out put queue is created then change the spool file copies to appropriate number of copies you need and send it to printer.

Question 3: How to remove PCL Code, while printing from AS/400 to Kyocera Printer.

Answer 3: If you want to Remove PCL Code, when you send data from AS/400 to Kyocera Printer then there is one simple way to remove all PCL code from any data sent to Kyocera printer. This way will remove all the commands that dictate orientation, font size, etc... When you create out put queue at that time please specify following parameter. Change the MFRTYPMDL to *WSCSTCONT132 and specify a Workstation Customizing Object of QWPDEFAULT in *LIBL.

Following is the command to create out put queue, which will remove PCL Code, when you send data from AS/400 to Kyocera Printer.

```
===> CRTOUTQ OUTQ(QUSRSYS/LASER) RMTSYS(*INTNETADR) RMTprtQ(*LPAF)
AUTOSTRWTR(1) CNNTYPE(*IP) DESTTYPE(*OTHER) MFRTYPMDL(*WSCSTCONT132)
WSCST(*LIBL/QWPDEFAULT) INTNETADR('12.34.56.789') DESTOPT(XAIX)
```

Question 4: How to print 198 character report from AS/400 to Kyocera Printer.

Answer 4: If you want to print 198 character report on Kyocera Printer then you can use IBM Supplied Document to create OUTQ.

IBM Document Number: 8694253

Document Title:COR (Computer Output Reduction) Font Control

Document Number: 8692422

Document Title:Instructions for Modifying a Workstation Customizing Object (WSCST)

Document Number: 11401901

Document Title:Using Host Print Transform (HPT) With a Remote Output Queue (RMTOUTQ)

Following is the commend to create the out put queue.

```
==> CRTOUTQ OUTQ(QUSRSYS/DP3600X) RMTSYS(*INTNETADR)  
RMTprtQ(*LPAF) AUTOSTRWTR (1) CNNTYPE(*IP) DESTTYPE(*OTHER)  
TRANSFORM(*YES) MFRTYPMDL(*HP4) WSCST(QGPL/DP3600)  
INTNETADR('12.34.56.789') TEXT('THIS IS A LASER  
PRINTER OUTQ') DSPDTA(*YES)
```

Question 5: How to achieve page range printing control while printing from AS/400 to Kyocera Printer.

Answer 5: If you want to achieve page range printing control, while printing from AS/400 to Kyocera Printer then you can use IBM Supplied Document to create OUTQ.

Document Number: 12594243

Document Title:TSPRWPR Remote Writer Page Range Support Exit Program.

```
==> CRTOUTQ OUTQ(QUSRSYS/DP3600X) RMTSYS(*INTNETADR)  
RMTprtQ(*LPAF) AUTOSTRWTR (1) CNNTYPE(*IP) DESTTYPE(*OTHER)  
TRANSFORM(*NO) USRDTATFM(QGPL/TSPRWPR) MFRTYPMDL(*HP4)  
WSCST(QGPL/DP3600) INTNETADR('12.34.56.789') TEXT('THIS IS A LASER  
PRINTER OUTQ') DSPDTA(*YES)
```

Question 6: How to use various port to print from AS/400 to Kyocera Printer.

Answer 6: You can create Printer Device Description using following commend.

```
==> CRTDEVPRT DEVD(INVCPRT) DEVCLS(*LAN) TYPE(3812) MODEL(1)
LANATTACH(*IP) PORT(9101) FONT(11) FORMFEED(*AUTOCUT) PRTERMSG(*INFO)
INACTTMR(*SEC15) PARITY (*NONE) STOPBITS(1) TRANSFORM(*YES)
MFRTYPMDL(*HP4) PPRSRC1(*LETTER) PPRSRC2(*LETTER) ENVELOPE(*NONE)
RMTLOCNAME('32.84.136.64') USRDFNOPT(*IBMSHRCNN) SYSDRVPGM(*IBMSNMPDRV)
```

Please use IBM Supplied Document Number: 19932815

Document Title:Configuring a *LAN 3812 SNMP Device Description