

/* SHORT FORM DYNAMIC IP ADDRESS */

/* DIALUP CONNECTION */

/* LED: OBTAIN IP ADDRESS OF USER AND MODIFY TCP/IP DEVICE */

/* QUEUE TO USE NEW ADDRESS (FIREWALL PRINTING) */

/* OS/400 V3.7 */

/* */

PGM

DCL VAR(&RECEIVER) TYPE(*CHAR) LEN(892)

DCL VAR(&DEVICE) TYPE(*CHAR) LEN(10)

DCL VAR(&USER) TYPE(*CHAR) LEN(10)

DCL VAR(&PRTQ) TYPE(*CHAR) LEN(10)

DCL VAR(&CHANGE) TYPE(*CHAR) LEN(3)

DCL VAR(&ERROR) TYPE(*CHAR) LEN(4) +
VALUE(X'00000000')

DCL VAR(&RCVRLN) TYPE(*CHAR) LEN(4)

DCL VAR(&FORMAT) TYPE(*CHAR) LEN(8) +
VALUE('DEVDO600')

DCL VAR(&IPADDR) TYPE(*CHAR) LEN(15)

DCL VAR(&DONEXT) TYPE(*CHAR) LEN(1)

DCL VAR(&YESNO) TYPE(*CHAR) LEN(1)

DCL VAR(&PRINTER) TYPE(*CHAR) LEN(10)

/* OBTAIN DEVICE NAME AND USERID */

RTVJOBA JOB(&DEVICE) CURUSER(&USER)

CHGVAR VAR(&CHANGE) VALUE(%SST(&USER 1 3))

/* NAME PRINT QUEUE TO CHANGE */

SNDUSRMSG MSG('Enter the name of the printer to +
change!') MSGTYPE(*INQ) TOMSGQ(*) +
MSGRPY(&PRINTER)

CHGVAR VAR(&PRTQ) VALUE(&PRINTER)

/* OBTAIN IP ADDRESS */

CHGVAR VAR(%BIN(&RCVRLN)) VALUE(892)

CALL PGM(QDCRDEVD) PARM(&RECEIVER &RCVRLN &FORMAT +
&DEVICE &ERROR)

CHGVAR VAR(&IPADDR) VALUE(%SST(&RECEIVER 878 15))

/* MODIFY OUTQ WITH CURRENT IP ADDRESS */

SNDMSG MSG('IP address is being updated, it will +
take about 15 seconds, please wait: +
<<<hit enter>>>') TOUSR(*REQUESTER) +
MSGTYPE(*INFO)

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ENDWTR      WTR(&PRTQ) OPTION(*IMMED)
MONMSG      MSGID(CPF3313) /* SUPPRESS WRITER NOT STARTED MSG */
GOTO        CMDLBL(CHGOUTQ)
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TRYAGAIN:

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CHGVAR      VAR(&DONEXT) VALUE('a')
SNDUSRMSG   MSG('Enter the name of the printer to +
              change!') MSGTYPE(*INQ) TOMSGQ(*) +
              MSGRPY(&PRINTER)
CHGVAR      VAR(&PRTQ) VALUE(&PRINTER)
SNDMSG      MSG('IP address is being updated, it will +
              take about 15 seconds, please wait: +
              <<<hit enter>>>') TOUSR(*REQUESTER) +
              MSGTYPE(*INFO)
ENDWTR      WTR(&PRTQ) OPTION(*IMMED)
MONMSG      MSGID(CPF3313) /* SUPPRESS WRITER NOT STARTED MSG */
```

CHGOUTQ:

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DLYJOB      DLY(15) /* WAIT 15 SECONDS */
CHGOUTQ     OUTQ(QUSRSYS/&PRTQ) AUTOSTRWTR(1) +
              INTNETADR(&IPADDR)
MONMSG      MSGID(CPF3319) EXEC(SNDMSG MSG('UNABLE TO +
              MODIFY IP ADDRESS, WRITER IS CURRENTLY IN +
              USE. (CPF3319)') TOUSR(&USER))
MONMSG      MSGID(CPF3357) EXEC(SNDUSRMSG MSG('Printer +
              not found!, <<R-Retry(enter PRT name), +
              C-Cancel(end program)>>') VALUES(R C) +
              TOMSGQ(*) MSGRPY(&DONEXT))
IF          COND(&DONEXT *EQ 'C') THEN(GOTO CMDLBL(ENDPGM))
IF          COND(&DONEXT *EQ 'R') THEN(GOTO +
              CMDLBL(TRYAGAIN))
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ADDPRT:

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SNDUSRMSG   MSG('Update another printer address? +
              Yes/No(Y/N)') VALUES(Y N) MSGTYPE(*INQ) +
              TOMSGQ(*) MSGRPY(&YESNO)
IF          COND(&YESNO *EQ 'N') THEN(GOTO CMDLBL(ENDPGM))
IF          COND(&YESNO *EQ 'Y') THEN(GOTO +
              CMDLBL(TRYAGAIN))
```

ENDPGM:

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ENDPGM
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