

# **BUS4i**

# **System Copy / Migrate23**



## **Prerequisites**



## Password Settings

Ensure that the password settings match those of the production system. To do this, review the following system values:

WRKSYSVAL QPWD\*

Verify that these values match on both the source and target systems.

- QPWDLVL
- QPWDMAXLEN
- QPWDMINLEN
- QPWDRULES



## DDM Settings

Verify DDM request access

- Use the command:  
DSPNETA

This parameter must be \*OBJAUT

```

System:  BUS4IPRD
Maximum hop count . . . . . : 16
DDM request access . . . . . : *OBJAUT
Client request access . . . . . : *OBJAUT
Default ISDN network type . . . . . :
Default ISDN connection list . . . . . : QDCCNNLANY
Allow AnyNet support . . . . . : *NO
Network server domain . . . . . : P3V7R2M0
Allow APPN virtual support . . . . . : *NO
Allow HPR transport tower support . . . . . : *NO
Virtual controller autocreate APPC device limit : 100
HPR path switch timers:
  Network priority . . . . . : 1
  High priority . . . . . : 2
  Medium priority . . . . . : 4
  Low priority . . . . . : 8
Allow add to cluster . . . . . : *NONE
Modem country or region ID . . . . . :

Bottom

Press Enter to continue.

F3=Exit  F12=Cancel
    
```

To verify the DDM connection for the current user (e.g., TSPUSER), follow these steps. Replace the IP address 1.1.1.1 with the target system's IP address.

Perform this check on both systems to ensure that both directions are functioning correctly.

- ADDSVRAUTE USRPRF(TSPUSER) SERVER(QDDMDRDASERVER) PASSWORD()
- CRTDDMF FILE(QGPL/TESTDDM) RMTRFILE(QIWS/QCUSTCDT) RMTLOCNAME('1.1.1.1' \*IP)
- DSPPFM FILE(QGPL/TESTDDM)



```
Display Physical File Member
File . . . . . : TESTDDM          Library . . . . . : QGPL
Member . . . . . : CUSTCDT       Record . . . . . : 1
Control . . . . . : _____   Column . . . . . : 1
Find . . . . . :
*...+...1...+...2...+...3...+...4...+...5...+...6
938472Henning G K4859 Elm Ave DallasTX7521750003003700000000
839283Jones B D21B NW 135 StClay NY1304104001010000000000
392859Vine S SPO Box 79 BrotonVT0504607001043900000000
938485Johnson J A3 Alpine Way Helen GA3054599992398750003350
397267Tyron W E13 Myrtle Dr HectorNY1484110001000000000000
389572Stevens K L208 Snow PassDenverCO8022604001005875000150
846283Alison J S787 Lake Dr Isle MN5634250003001000000000
475938Doe J W59 Archer Rd SutterCA9568507002025000010000
693829Thomas A N3 Dove CircleCasperWY8260999992000000000000
593029WilliamsE D485 SE 2 Ave DallasTX7521802001002500000000
192837Lee F L5963 Oak St HectorNY1484107002048950000050
583990Abraham M T392 Mill St Isle MN5634299993050000000000
***** END OF DATA *****

F3=Exit F12=Cancel F19=Left F20=Right F24=More keys
```

If you see this screen, it means DDM is working correctly. If you get an error instead, there may be an issue with DDM.



Verify that the DDM settings are identical on both systems:

- Use the command:  
CHGDDMTCPA
- If you make any changes, restart the DDM server
- Stop the server:  
ENDTCPSVR SERVER(\*DDM)
- Start the server:  
STRTCPSVR SERVER(\*DDM)

Ensure that the user profile password is the same on both systems.

For migration, you may need to update the DDM attributes

- Use the command:  
CHGDDMTCPA AUTOSTART(\*YES) PWDRQD(\*USRID)  
ENCALG(\*DES)



## FTP Settings

### Verifying FTP Connection

To ensure a successful connection between the FTP server and client on both systems, please follow these steps:

- Make sure that the FTP server and client are active on both systems.
- Verify that the connection between the two is functioning correctly.
- To check if both the FTP server and client are running, use the following command:

### CHGFTPA

```

Change FTP Attributes (CHGFTPA)

Type choices, press Enter.

Autostart servers . . . . . *YES          *SAME, *YES, *NO
Number of initial servers . . . 3            1-20, *SAME, *DFT
Inactivity timeout . . . . . 300           0-2147483, *SAME, *DFT
Coded character set identifier 00819       1-65533, *SAME, *DFT
Outgoing EBCDIC/ASCII table:
  Outgoing EBCDIC/ASCII table . *CCSID      Name, *SAME, *CCSID, *DFT
  Library . . . . .                Name, *LIBL, *CURLIB
Incoming ASCII/EBCDIC table:
  Incoming ASCII/EBCDIC table . *CCSID      Name, *SAME, *CCSID, *DFT
  Library . . . . .                Name, *LIBL, *CURLIB
Initial name format . . . . . *LIB        *SAME, *LIB, *PATH
Initial directory . . . . . *CURLIB       *SAME, *CURLIB, *HOMEDIR
Initial list format . . . . . *DFT        *SAME, *DFT, *UNIX
New file CCSID . . . . . *CALC          1-65533, *SAME, *CALC...
Subsystem description . . . . . QSYSWRK     Name, *SAME, *DFT
  Library . . . . .                QSYS      Name
More...

F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
    
```

- Autostart servers should be set to \*YES

If the server is not running, you can start it using the following command

- Use the command:  
**STRTCPSVR SERVER(\*FTP)**



- Check the function usage on the system
  - Use the command:  
WRKFCNUSG FCNID(QIBM\_QTMF\_\*)

```
Display Function Usage
Function ID . . . . . : QIBM_QTMF_CLIENT_REQ_0
Function name . . . . . : Initiate Session
Description . . . . . : Start an FTP Client session. Must be allowed to c
o other client operations.
Product . . . . . : QIBM_QTM_TCPIP
Group . . . . . : QIBM_QTMF_FTP_CLIENT
Default authority . . . . . : *ALLOWED
*ALLOBJ special authority . . . . . : *NOTUSED
User          Type          Usage          User          Type          Usage
(No user profiles have usage information)
F3=Exit  F12=Cancel  F17=Top  F18=Bottom
(C) COPYRIGHT IBM CORP. 1980, 2013.
Bottom
```

- Ensure that all have the “Default Authority” set to \*ALLOWED.