

IBM 8265 Nways Multiprotocol Switching Hub

Installation Instructions

for

8265 IMA V3.0.2 cards

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1 Upgrading the 8265 IMA daughter code

- **IMPORTANT**

It is recommended to perform the following steps with NO OPERATIONAL TRAFFIC flowing your 8265 node. Typically, this would be scheduled as part of a maintenance period. You should save all your configuration parameters before.

1.1 Step 1: Saving Configuration before the upgrade

1. Setup the TFTP parameters by entering the following commands:

- *SET TFTP SERVER_IP_ADDRESS <ip address of the TFTP server>*

- *SET TFTP FILE_TYPE CONFIGURATION*

- *SET TFTP FILE_NAME*

Note : Provide the full path of the file when prompted

2. Start the upload inband procedure by entering: UPLOAD

1.2 Step 2: Disable the IMA card associated slot ports

- *SET PORT slot .<x> disable (x being one IMA slot port). Perform this command on all IMA card enabled ports*

1.3 Step 3: Download Inband the 8265 IMA daughter card code

1. Configure the TFTP parameters by entering the following commands:

- *SET TFTP SERVER_IP_ADDRESS <ip address of the TFTP server>*

- *SET TFTP FILE_TYPE daughter_code*

- *SET TFTP FILE_NAME*

Type the full path name of the operational microcode file when prompted (its actual name is *ima302.dwl*).

2. Make sure you can reach the TFTP server by entering:
PING <ip adress of the TFTP server>
(Stop PING by entering: Ctrl+C)
3. *SET TFTP TARGET_PORT <n>* (n being the first port of the IMA daughter ports).
4. *SAVE TFTP*
5. Start the download inband procedure by entering:
DOWNLOAD INBAND
When prompted, type "Y" to confirm.
6. Wait for successful termination of the download operation. The message *Download successful* is displayed.
This may also be checked by displaying the TFTP last transfer result through the command:
"SHOW TFTP".

Use the “*SHOW PORT <IMA card slot>.ALL VERBOSE*” command at the 8265 console to verify the software microcode level of the IMA card, it should display :
DAUGHTER CARD INFORMATION:

Type : IMA_T1
Software Version : 3.0.2.C