

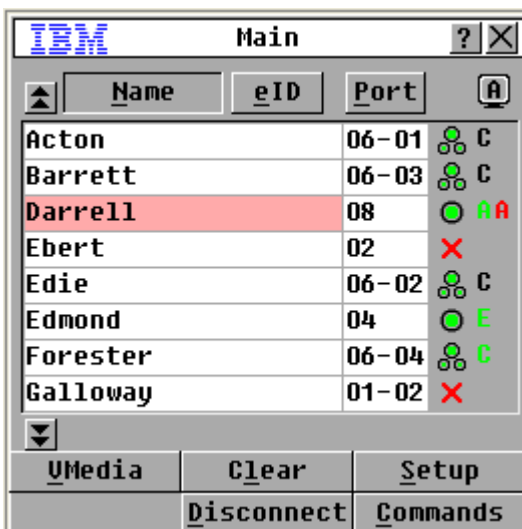
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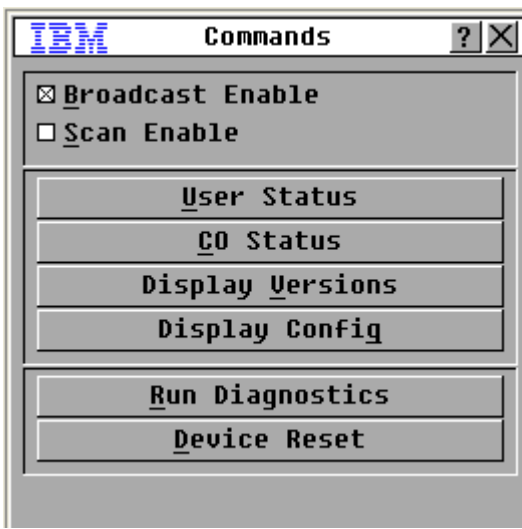
## 1 USING OSCAR TO UPDATE LCM (1754A1X, 1754A2X) FIRMWARE

Visit <http://www.ibm.com/support/> and download the latest FLASH firmware from Lenovo. Save the FLASH upgrade file to the appropriate directory on the TFTP server.

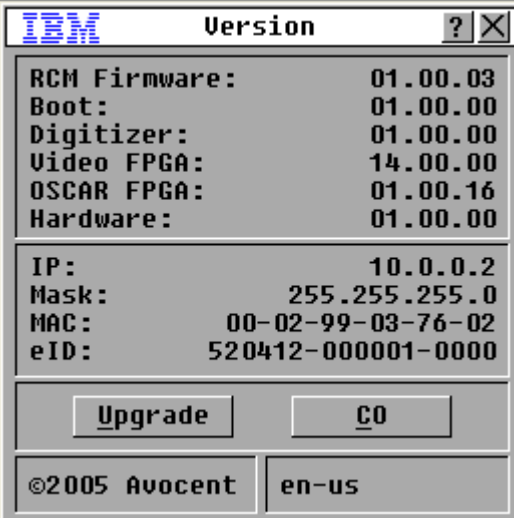
1. Press **Print Screen** to launch the OSCAR interface. The Main dialog box appears.



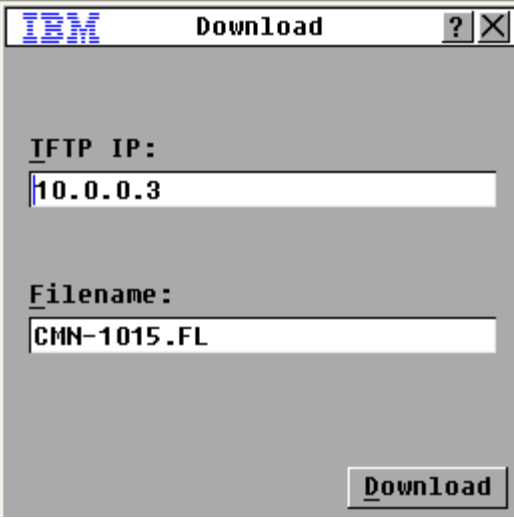
2. Click on Commands. The Commands dialog box appears.



3. Click Display Versions



4. Click Upgrade. Type in the IP Address of the TFTP server where you have stored the firmware file. Type in the filename.



5. Click Download. When the firmware upgrade is complete, the LCM will reboot.



## 2 CHANGE HISTORY FOR EMERSON\_FW\_LCM8\_LCM16\_1.2.40.00

### 2.1 ENHANCEMENTS

Version 1.2.40.00

- 1.10 OpenSSL has been updated for "POODLE"
- 1.9 Increased the length of the public key used in the SSL certificate from 512 bits to 1024 bits
- 1.8 Improved product security

Version 1.2.39.00

None

Version 1.2.38.00

There are no enhancements in this version

There are no enhancements in this version

Version 1.2.37.00

- 1.7 Added support for IBM VCO3
- 1.6 Updated "Go Digital" images in On-Board-Web-Interface (OBWI)
- 1.5 Updated Trap MIB to have consistent IBM naming convention

Version 1.2.32.00

1.4 There are no enhancements in the version

Version 1.2.30.00

1.3 There are no enhancements in the version

Version 1.2.29.00

1.2 There are no enhancements in the version

Version 1.2.27.00

1.1 - Initial release.

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### 2.2 PROBLEMS FIXED

Version 1.2.40.00

2.13 OpenSSL has been updated for "POODLE"

Version 1.2.39.00

- 2.12 Fixed Java viewer security warnings for Java 1.7 update 51
- 2.11 Fixes for IBM VCO3: Correctly report milliamps usage and keyboard country code in the USB descriptor.

Version 1.2.38.00

2.10 Fixed shaky video during POST "System Initializing" on IBM System x3650/x3250 from a remote video session.

2.9 Fixed Virtual Media functionality when set to USB 1.1 speed for VCO3 Cable.

2.8 Fixed DSView KVM Session timeout, when starting a KVM session for the 1st time after adding the IBM LCM8/16 to DSView.

Version 1.2.37.00

2.7 Fix for license key and launching Java video viewer issues with Chrome/Safari browsers.

2.6 Fix for black/flickering OSCAR screen when switching between servers.

Version 1.2.32.00

2.5 The mu key doesn't work on the Japanese UltraNav keyboards. The LCM did not properly map the Mu key when converting USB key codes to internal keyboard events.

Version 1.2.30.00

2.4 Fix for nonfunctional ACI port in Version 1.2.29

Version 1.2.29.00

2.3 - Yen and slash keys on Japanese keyboard do not work when connected to LCM8 or LCM16

2.2 - Shifted video with IBM x3650 server and IBM LCD tray.

Version 1.2.27.00

2.1 - Initial release.

## 3 UPDATE PROCEDURE

### 3.1 LCM8, LCM16, REFER LCM8, 16 INSTALLATION AND USER GUIDE

<http://www.ibm.com/support/entry/portal/docdisplay?Indocid=MIGR-5085151>

### 3.2 GCM16, GCM32, REFER TO GCM16, 32 INSTALLATION AND USER GUIDE

<http://www.ibm.com/support/entry/portal/docdisplay?Indocid=MIGR-5083733>

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