README – OFFLINE procedure for updating Emulex firmwares

Models :
4 Gb : LP1105-BU (SFF)
       LP1105-BC (CFFv)
8 Gb : LPE1205-CIOV

Description :
Off-line procedure (Blade shutdown)
Blade booting with a PreOS (Windows PE 2.1) and firmware files and Emulex tool installed from an USB key.

Procedure (booting Windows PE and installation of tool and firmware files):
• Mount the ISO file via AMM (remote console and drive) and restart the Blade
• Message « Windows loading files »
• Splash screen « Microsoft Corporation »
• Auto start of Windows PE startup in the X: virtual partition (X:\windows\system32>wpeinit)
• Getting the prompt : X: \windows\system32>
• Mount the USB key and find the drive letter for USB drive
Exemple X: \windows\system32> E:
E:\> dir
• Execute the Emulex setup
E:\> **setupElxAll-x86.exe**
• ELX tools « elxflash » and « winlpcfg » are installed under the following tool main directory
       X:\ Program Files\Emulex\Util\elxapp >

Quick method for updating (using « elxflash » tool):
(firmware and bootcode will be updated in sequence)
Pre-requisite : firmware « .all » and bootcode « .prg » files must be installed under respective subdirectories < boot > and < firmware > under \ Program Files\Emulex\Util\elxapp >
• X:\ Program Files\Emulex\Util\elxapp > **elxflash /auto /update**
Waiting the end of update operation with message " reset completed – command completed "
• X:\ Program Files\Emulex\Util\elxapp > **exit** (blade rebooting)
• Unmount the ISO image and the USB key

Step-by-step method (using « winlpcfg » tool):
• Copy the update files (« .all » firmware , « .prg » bootcode) under the tool main directory .
• X:\ Program Files\Emulex\Util\elxapp > **winlpcfg listhba**
(identifying the HBA model and firmware level on both adapter/port)
Adapter1 …Firmware rev …. LP1105-BU/BC or LPE1205-CIOV
Adapter2….Firmware rev…...
• Command for upgrading mandatoty first the firmware and then bootcode (done on both adapter/port)
X:\ Program Files\Emulex\Util\elxapp >
Exemple for 4Gb HBA (SFF)
winlpcfg download a=LP1105-BU i=bf282a3.all (firmware)
Exemple for 8Gb HBA
winlpcfg download a=LPE1205-CIOV i=uu511x3 (bootcode)
• Waiting the end of update operation with message " reset completed – command completed "