FAB Firmware Update Procedures Via Boot Loader

1. Connect a serial cable to the console port with **115200, 8, 1, N** for the settings.

2. Connect the Ethernet cable to the management port.

3. Set up a TFTP server (eg. SolarWinds) and place the image (vmlinux.64.gz) in the proper folder that makes it available for TFTP transfer. **It is imperative that the firmware you have be renamed to vmlinux.64.gz**

4. Set the MTU on the TFTP server to be 1500 bytes.

5. If the unit boots up properly, erase the current configuration by issuing the command **"erase startup-config"** prior to upgrading to the new image!

6. Reset the system and type **"CTRL-C"** at while it is booting in order to get to the boot prompt.

7. At the boot prompt, please enter the following commands:
   boot# set ipaddr
   boot# set serverip
   boot# set netmask

8. Type **"print"** at the prompt and double check the variables you set up.

9. Type **"save"** to save the parameters.

10. At the boot prompt, please execute the following command:
   boot# run ldgz
(this command will download the image (vmlinux.64.gz) from the location specified by the tftp server at)

11. Once the command above has completed, you will need to execute the command: boot# run ergz (this command will erase the flash image)

12. Next, execute the following command:
   boot# run cfgz
(this command will copy the firmware to flash) ******* PLEASE NOTE - The procedure that this**

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command runs will take a while, Please DO NOT INTERRUPT - do not press the enter key more than once *****

13. Finally, run the following command:

      boot# reset (the CLI software prompt will come up)

++++++++++++++ Sample +++++++++++++++

set ipaddr 192.168.0.111

set serverip 192.168.0.21

set netmask 255.255.255.0

save

run ldgz

run ergz

run cfgz

reset

For questions, please contact Garland Technical Support at:

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