# Instruction to load AG6248C-POE ONIE

**NOTE:** Please follow the steps carefully because you are going to erase and overwrite NAND storage

# Pre-install connectivity

1.Connect the console port of the switch to a PC. Most switches come with a RJ45 console port. Use a RJ45-to-serial cable or an RJ45-to- USB cable to connect to a PC.

2. Use a terminal application; such as “Tera Term” to terminal connect. Configure the console port. Use these settings for the console port:

- 115200 baud
- No flow control
- 1 stop bit
- No parity bits
- 8 data bits

3- Connect MGMT port of the switch to the same segment as TFTP server

# Installing the ONIE binaries

1. Uncompressed ONIE image that you have downloaded and place it on TFTP server root

2. Install ONIE kernel (20160309-onie-agema_ag6248c-poe-r0.bin)

**NOTE:** Following directions assume the files are on the root of the TFTP server. (TFTP server ip address is 192.168.1.5)

3.Get into loader cli, run the following commands.

Power up the switch. During power up press any key on the terminal to get loader CLI:

*agema_ag6248c-poe ->*

Follow these steps CAREFULLY:

*delta_ag6248c-> setenv ipaddr 10.62.2.41*
*delta_ag6248c-> setenv serverip 10.62.2.102*
*delta_ag6248c-> ping 10.62.2.102*
*(Ensure that connectivity to server is up)*
*delta_ag6248c-> tftpboot onie/AG6248c/20160309-onie-agema_ag6248c-poe-r0.bin && nand erase 0 0xa00000 && nand write $loadaddr 0 $filesize*

*delta_ag6248c-> nand read $loadaddr onie && nand write $loadaddr onie2*

*delta_ag6248c-> reset*

*(this is to power up the switch; you should get ONIE prompt when done)*

4.Power up the switch

You should get ONIE prompt when done: ONIE: #

| **NOTE:** During the first boot you will see few pages of debug data. This should take no more than a min |
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