TP-LINK First Install Checklist

Steps to take on your computer	Steps to take on your node hardware
☐ Download the AREDN® **factory.bin** file for your device from **arednmesh.org**	*None*
☐ Verify your computer has a working **PXE** or **TFTP** server program and copy the **factory.bin** file into its TFTP directory. Rename *factory.bin* to **recovery.bin**	*None*
☐ Set up a simple Ethernet switch to manage connections between your computer and the device being flashed	*None*
☐ Set your computer's Ethernet interface to a static IP address of *192.168.0.100*	*None*
☐ Connect your computer's Ethernet port to an open port on your Ethernet switch	☐ Connect the PoE's *LAN* port to an open port on your Ethernet switch ☐ With the PoE unit powered ***off***, connect the PoE's *POE* port to the Ethernet port of the device
☐ Verify its configuration and start your **PXE** or **TFTP** server	☐ Press and hold the *Reset* button on the device, then power on the PoE unit ☐ Continue holding the *Reset* button until you verify that data was sent from your computer, then release the reset button
☐ Once the **bin** file has been sent from your computer, you can stop the **PXE** or **TFTP** server	☐ After the **recovery.bin** image is uploaded, the device will process it and reboot (this process takes several minutes)
☐ After the node has finished rebooting, verify it is reachable by pinging 192.168.1.1 ☐ Set your computer's Ethernet interface to a static IP address of *192.168.1.10* ☐ Open a web browser and enter http://192.168.1.1 as the URL	☐ Click the *Setup* button and login with user = **root** & pwd = **hsmm** ☐ Configure your new node with your callsign and password ☐ Click *Save Changes* and the node will reboot
☐ Set your computer's Ethernet interface to get an IP address automatically using DHCP ☐ Open a web browser and enter http://localnode as the URL to begin using your new node	*None*