Chelsio Communications

T5/T6 DriverKit Driver - July 23, 2024

How to install the Alpha Mac Driver for Monterey and Sonoma

The new driver for Chelsio T5 and T6 based products on MacOS employs the new DriverKit technology. This means that the bulk of the driver runs in user space with calls to routines that run in kernel space. The driver is a kind of system extension. It is delivered as an installation flat package.

Please follow the below procedure:

1. Uninstall the existing *cxgb* application:
   Run the existing *cxgb* application from the Applications folder and select "Uninstall Extension".

2. Remove the below files.

   sh-3.2# cd /Applications/
   sh-3.2# rm -rf cxgb.app
   sh-3.2# rm -rf cxgb.pkg

3. Reboot the machine.
4. Once the machine comes up, run the below command, and ensure that there is no cxgb extension in the system.

   # systemextensionsctl list

5. From the new package, run *cxgb.pkg*. When the installation process is finished, a *cxgb* application will be found in the Applications folder.
6. To install and start the driver, launch the *cxgb* application and select "Install Extension". You will be instructed to approve the loading of the driver via the *Privacy & Security* pane of the System Settings application.

7. Reboot the system for changes to take effect.

8. Once the machine comes up, the Chelsio interfaces will be available in the *Network* pane of the System Settings.

The *cxgb.pkg* install package is located on the Chelsio Alpha/Beta Download page at https://service.chelsio.com/beta/

KNOWN ISSUES:

1. Chelsio is working on enhancing performance.
2. cxgbtool is currently unavailable and will be provided in the beta release.