

Making SodiumFATP SW

Communications via CP2102 USB to UART
Apple USB Ethernet Adapter set to 169.254.51.34
Found in rc.groundhog.postprocess
USB Ethernet = 169.254.1.10

Disconnecting makes postsnap error out trying to connect to 169.254.90.103

Found in TM.app bundle uiStartUp.lua
ping -c 1 169.254.1.32
sc:connect("169.254.1.32", 7600)
sc:send("[123]EEPROM read(translation,cat08,20,32)\r\n")

Sniffed on Wireshark:

ping request
src 17.114.120.32
dst 169.254.1.32

Successfully pinged 169.254.1.32 from USB interface 169.254.1.1

telnet 169.254.1.32
(return key)
[(null)]ACK(ERR_-3: id=-1: message need ID number, ID format is error; or ID too long;ERROR;1560,338,1560,338,0)
[123]EEPROM read(translation,cat08,20,32)\r\n
[123]ACK(ERR_-194 param error;ERROR;1587,721,1587,722,1)
[123]help
[123]ACK(ERR_-5: message format is error;ERROR;1641,62,1641,62,0)

Set up MacBook as imiddle router

Yangs-MacBook-Pro-3:~ yang_gu\$ sudo ifconfig bridge1 create
Yangs-MacBook-Pro-3:~ yang_gu\$ sudo ifconfig bridge1 addm en39 addm en40
Yangs-MacBook-Pro-3:~ yang_gu\$ sudo ifconfig bridge1 up

=====

Temp/Humidity sensor apparently causing noise to FATPSodium Fixture (??)
Sunny unplugged at some point and that

