

Guidelines of Ethernet for Using a Star Device

- Mac OS X -

Guidelines for Using an Etehrnet Star Device on Mac OS X

The star device's IP address must be set in advance to use a star device that supports LAN. If your LAN environment does not allow acquisition of an IP address from a DHCP server, set the IP address to the star device in advance.

1. Setting a Temporary IP Address

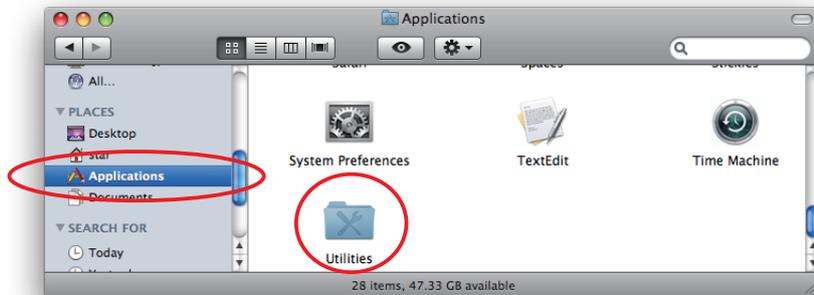
Use the following procedures to set a temporary IP address to the star device.

Important: Star device settings should be done by a user with administrator rights.

Point! The MAC address of the star device to be set is necessary for the temporary IP address. Confirm the MAC address in a self-print from the printer. See the Hardware Manual for details on running a self-print.

For other than printers, the MAC address is printed on the label attached to the device.

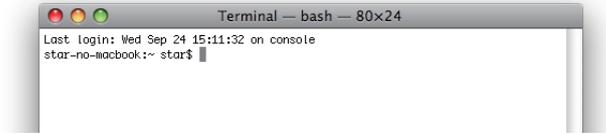
1. Connect the Ethernet cable to the star device and turn the power ON to the star device.
2. Startup the Finder from the Mac OS X Dock and click [Applications] - [Utilities].



3. Click on [Terminal].



3. The terminal starts up.



Execute the following command in the terminal to set a temporary IP address to the star device.

1. `sudo arp -d [Star device temporary IP address]`
2. `sudo arp -s [Star device temporary IP address] [Star device MAC address]`
3. `ping -c 4 [Star device temporary IP address]`
4. `sudo arp -d [Star device temporary IP address]`

Example of temporary IP address (192.168.222.217)

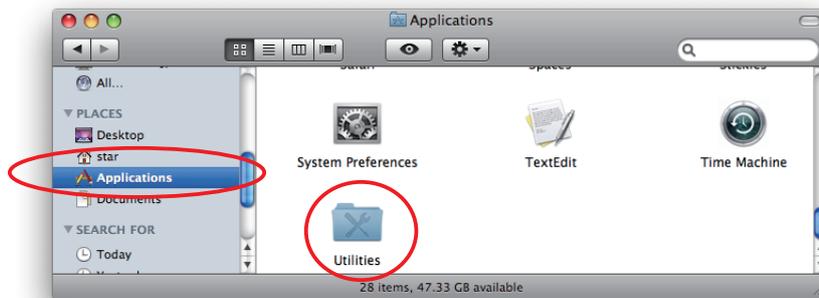
```
sudo arp -d 192.168.222.217
sudo arp -s 192.168.222.217 00:11:62:00:03:4D
ping -c 4 192.168.222.217
sudo arp -d 192.168.222.217
```

Note: The temporary IP address set here is erased when the star device power is turned off. You should therefore immediately proceed to set a regular IP address for the star device.

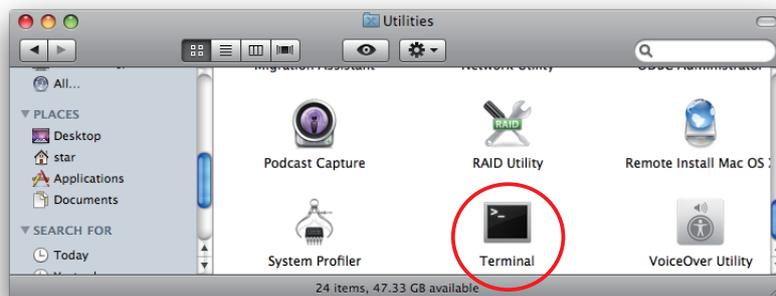
2. Setting the IP Address << Star Device TELNET Utility >>

The Telnet command connects directly to the star device to make settings.

1. Connect the Ethernet cable to the star device and turn the power ON to the star device.
2. Startup the Finder from the Mac OS X Dock, and click [Applications] - [Utilities].



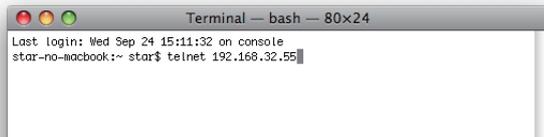
3. Click on [Terminal].



4. The terminal starts up.



5. Use the Telnet command to connect to the star device to set.

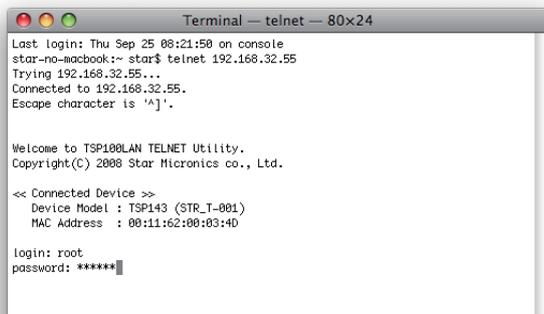


```
Terminal — bash — 80x24
Last login: Wed Sep 24 15:11:32 on console
star-no-macbook:~ star$ telnet 192.168.32.55
```

Ex. >telnet 192.168.222.217 (The IP address of the star device to be set.)

Note: You cannot connect to a star device that does not have an IP address. See section 1. Setting a Temporary IP Address for details on setting such an address on the star device in advance.

6. Log-in to the star device to be set as a "root" user.
The default password is "public."
The default password can be changed after logging in.
If you've already changed the password, input it at this time.



```
Terminal — telnet — 80x24
Last login: Thu Sep 25 08:21:58 on console
star-no-macbook:~ star$ telnet 192.168.32.55
Trying 192.168.32.55...
Connected to 192.168.32.55.
Escape character is '^]'.

Welcome to TSP100LAN TELNET Utility.
Copyright(C) 2008 Star Micronics co., Ltd.

<< Connected Device >>
Device Model : TSP143 (STR_T-001)
MAC Address : 00:11:62:00:03:40

login: root
password: *****
```

7. The following menu is displayed.

- 1) IP Parameters Configuration
 - 2) System Configuration
 - 3) Change Password
 - 96) Display Status
 - 97) Reset Settings to Defaults
 - 98) Save and Restart
 - 99) Quit
- Enter Selection

Input the number that corresponds to your selection.



```
Terminal — telnet — 80x12
Hello root

=== Main Menu ===
1) IP Parameters Configuration
2) System Configuration
3) Change Password
96) Display Status
97) Reset Settings to Defaults
98) Save & Restart
99) Quit

Enter Selection: |
```

- When all settings are completed, save the changes using "98(Save and Restart)" - "1(Save & Restart device & Configuration printing)", or "2 (Save & Restart device)". The settings of the star device will be saved. Reset the star device.

***Example1 :** To set the static IP address <192.168.222.55> on the star device set with the temporary IP address <192.168.222.217>, and check the settings by self-test.*

```
>telnet 192.168.222.217
login : root
password : ***** ( Use "public" when not making changes. )
Enter Selection : 1 ( IP Parameters Configuration )
Enter Selection : 1 ( Static )
Enter Selection : 1 ( IP Address )
Enter IP address (x.x.x.x) : 192.168.222.55
Enter Selection : 99 ( Back to IP Address Menu )
Enter Selection : 99 ( Back to Main Menu )
Enter Selection : 98 ( Save & Restart )
Enter Selection : 1 ( Save & Configuration printing & Restart device )
```

* The actual input portions are shown in **bold characters**.

***Example2 :** To disable the #9100 Multi Session for the star device of the static IP address <192.168.1.35>, and check the settings by self-test.*

```
>telnet 192.168.1.35
login : root
password : ***** ( Use "public" when not making changes. )
Enter Selection : 2 ( System Configuration )
Enter Selection : 2 ( #9100 Multi Session )
Enter Selection : 2 ( DISABLE )
Enter Selection : 99 ( Back to Main Menu )
Enter Selection : 98 ( Save & Restart )
Enter Selection : 1 ( Save & Configuration printing & Restart device )
```

* The actual input portions are shown in **bold characters**.

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