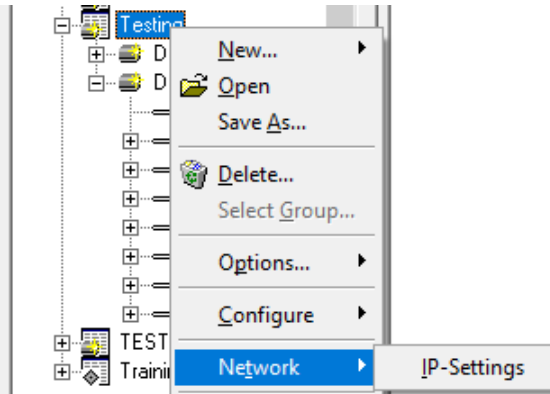# TT221002 – OPEN - Change IP address

1. There are a few ways to change the IP address of the controller. The first and the best way is to change it in FUP. Right click on the project, select "Network", "IP Settings".

2. Change the IP address and/or other network settings. Save, compile and upload to the controller and the controller IP will be changed accordingly.

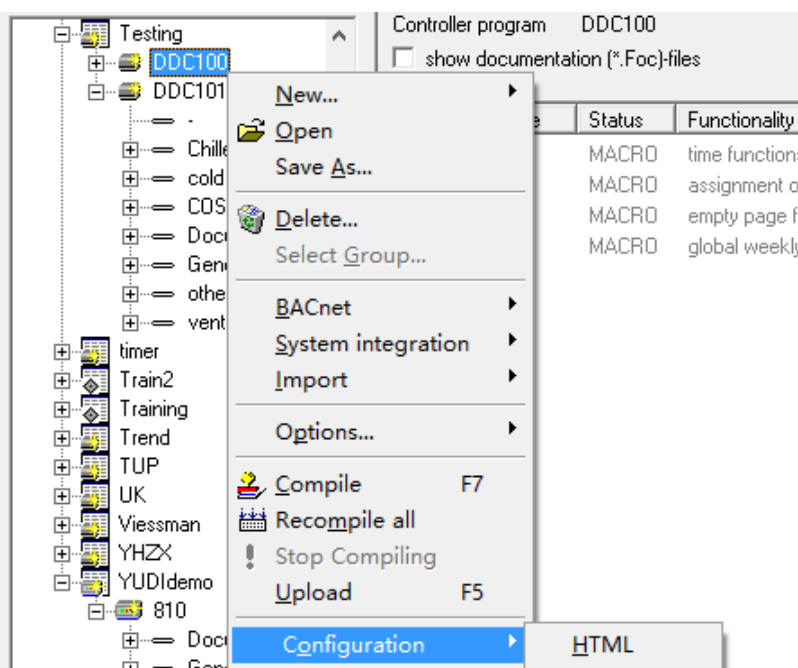3. If you don't need OPENweb and no need for cross controller graphic (see TT200402 for details), you can setup the controller so that user can change the controller IP via OPENview in browser.

4. Right click the controller, go to "Configuration", "HTML".

5. Double click on the controller, click "Graphic", disable "Allow controller overlapping graphic elements (no standard controller)". Save, compile and upload to the controller.
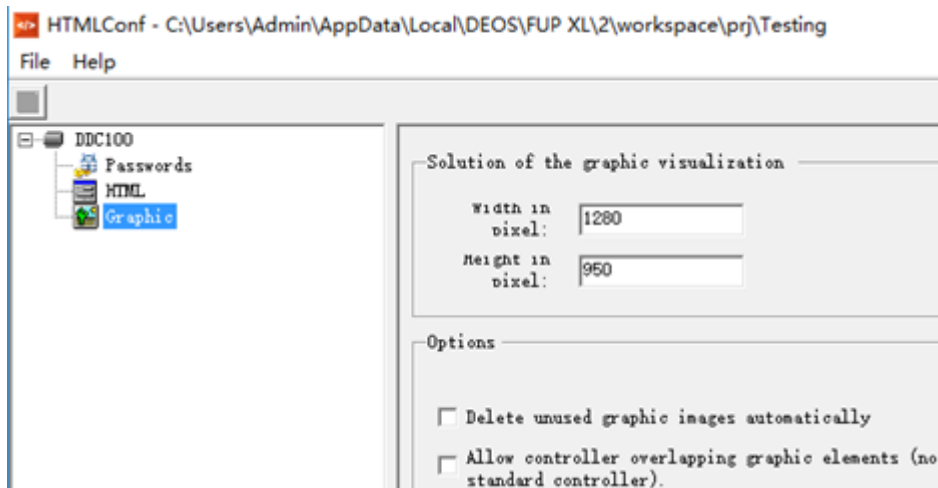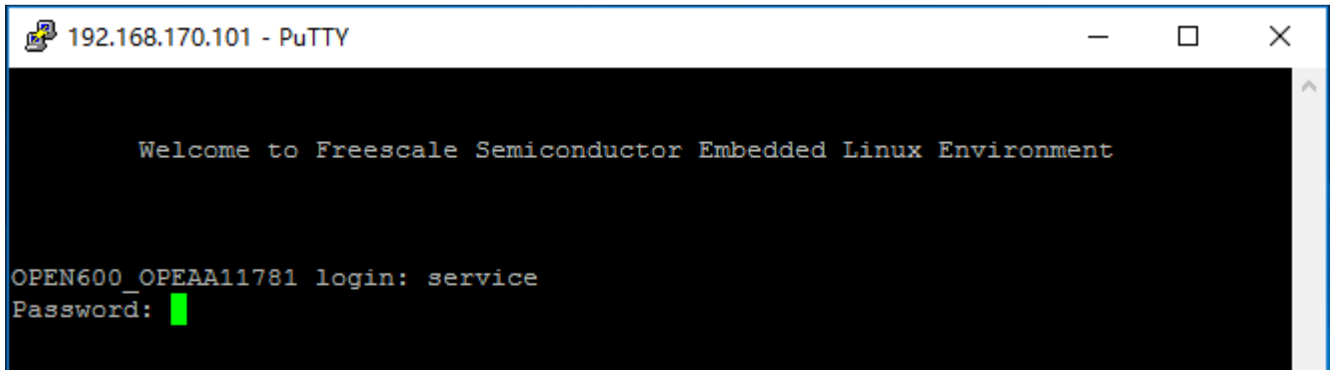

6. Now you can change the controller IP configuration using HTML5 browser. Under "system", click on "IP Configuration" and you can change the IP address directly.
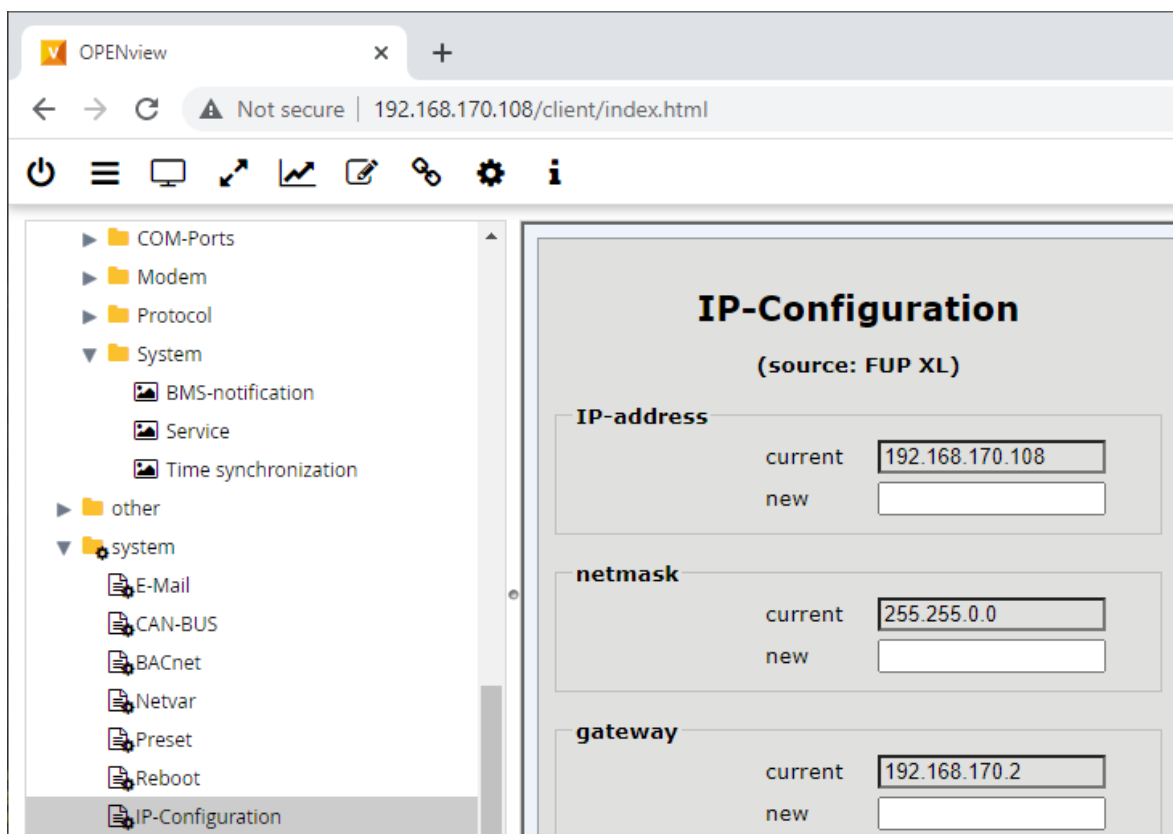
7. The controller IP address can also be changed via Telnet using PuTTY. This allows changing the IP address without FUP. However, some functions may not work properly because the IP settings are different from FUP. So, make sure to check the functions you need after changing.
8. Start PyTTY, enter the IP address of the controller, select "Telnet" and click "Open".
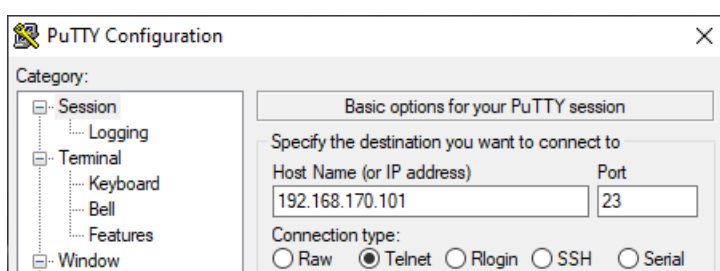
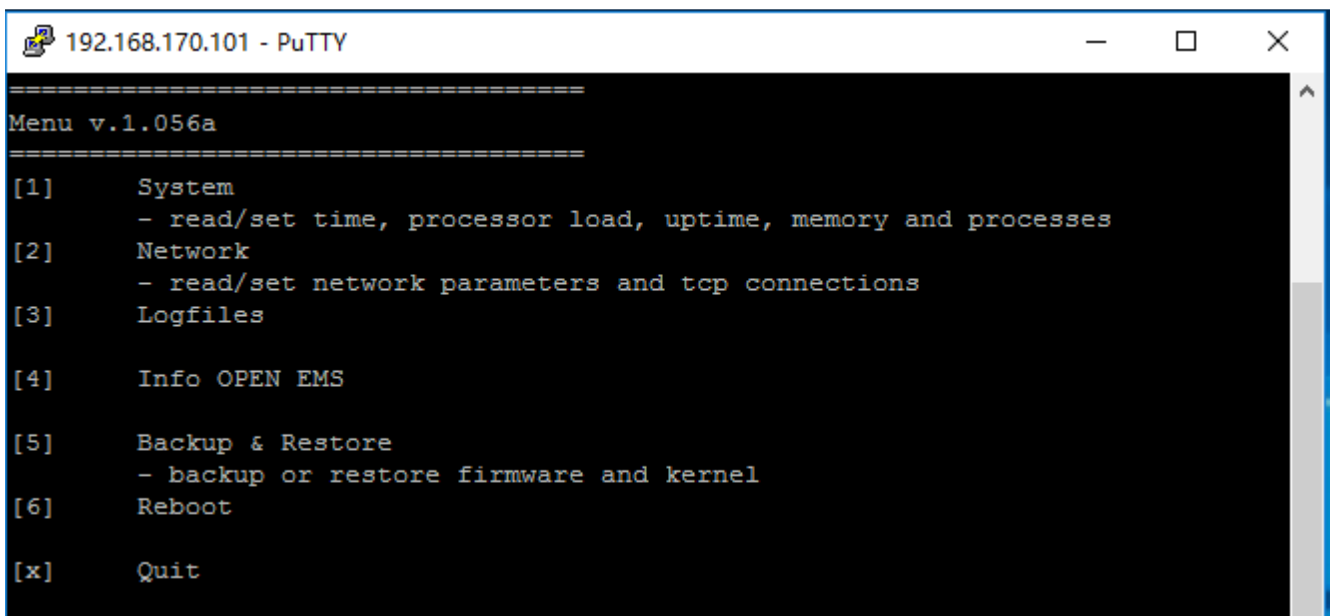9. Type "User Name" and "Password", and press "Enter" to login. Please contact us if you need the password.

```
192.168.170.101 - PuTTY                                    —    □    ✕


        Welcome to Freescale Semiconductor Embedded Linux Environment



OPEN600_OPEAA11781 login: service
Password:
```
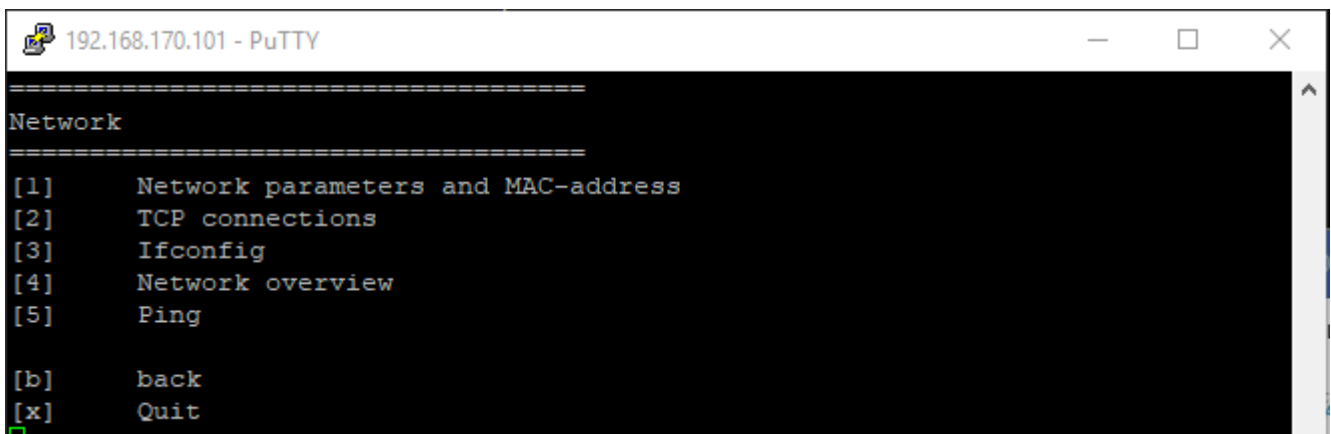
10. Type "2" to enter "Network".

```
192.168.170.101 - PuTTY                                    —    □    ✕
======================================
Menu v.1.056a
======================================
[1]      System
         - read/set time, processor load, uptime, memory and processes
[2]      Network
         - read/set network parameters and tcp connections
[3]      Logfiles

[4]      Info OPEN EMS

[5]      Backup & Restore
         - backup or restore firmware and kernel
[6]      Reboot

[x]      Quit
```

11. Type "1" to enter "Network parameters and MAC-address".

```
192.168.170.101 - PuTTY                                    —    □    ✕
======================================
Network
======================================
[1]      Network parameters and MAC-address
[2]      TCP connections
[3]      Ifconfig
[4]      Network overview
[5]      Ping

[b]      back
[x]      Quit
```

12. In this screen, you can see the existing IP address and subnet mask of the controller. You can also check the controller MAC address here.
13. You can also reset the IP address to default. Please refer to TT200101 for details.

14. Type "2" to set a new IP. Type the new IP and press "Enter".

```
Changing network parameters may lead to network problems!
2
Enter IP:
192.168.170.100
```

15. Type "y" to confirm the change, and the IP address will be changed accordingly.

```
are you sure you want to set IP-address to: 152.168.170.100
[y] yes
[n] no
```

16. Since the IP has changed, the connection to the controller is lost. You can closed the program by clicking the "x" at the top right corner.