

LAN WLAN Switcher

Configuration

Change the following parameters in both bat files:

1. YOUR_LAN_IP

Run ipconfig in cmd, this IP can be found under local Ethernet

```
λ ipconfig

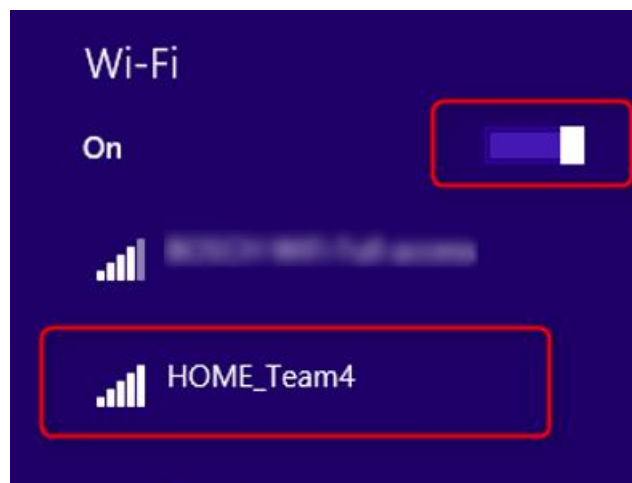
Windows IP Configuration

Ethernet adapter Ethernet 2:

    Connection-specific DNS Suffix  . : sh.de.bosch.com
    Link-local IPv6 Address . . . . . : fe80::4170:164e:d83d:c7da%8
    IPv4 Address. . . . . : 10.61.156.146
    Subnet Mask . . . . . : 255.255.248.0
    Default Gateway . . . . . : 10.61.152.1
```

2. YOUR_TEAM_WLAN_NAME

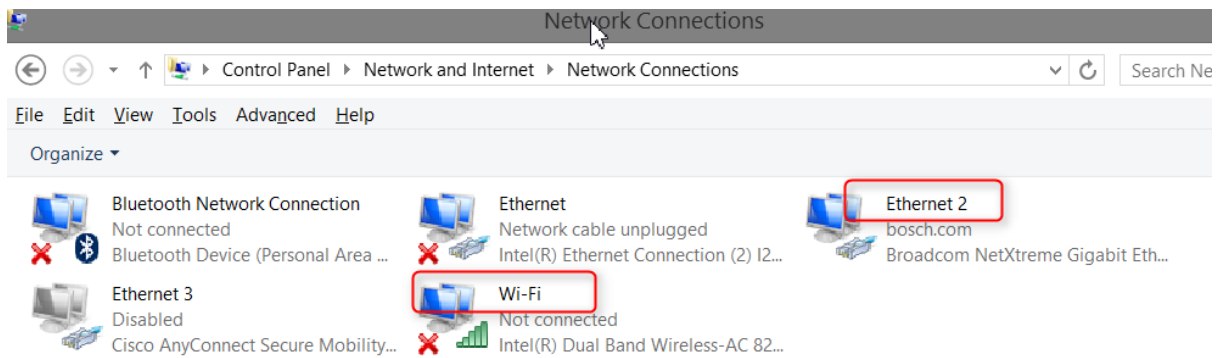
Open Wi-Fi, this is your Wlan name



3. YOUR_INTERFACE_LAN_NAME
4. YOUR_INTERFACE_WLAN_NAME

The LAN and WLAN name can be found under Control Panel\Network and Internet\Network Connections

Notice: You LAN and WLAN name could be others (Maybe Ethernet 3 or Ethernet), not exact as the image displayed



Run

1. Keep you WI-FI **ON**



2. Cmder is recommend to execute the bat scripts.
Please run script directly or Cmder **as Administrator**
Otherwise you will see exception:

```

λ lan_wifi_both_enable.bat
Administrative permissions required. Detecting permissions...
[Failure]Current permissions inadequate, please run this batch as Administrator.
  
```

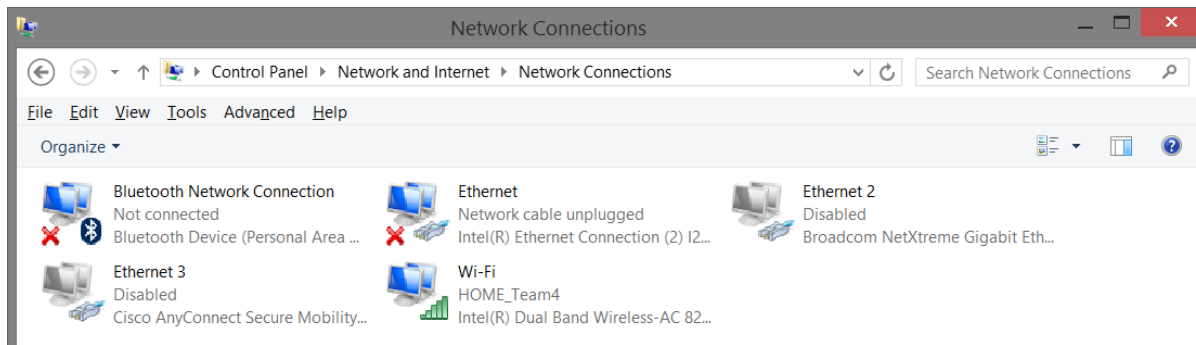
3. In Test scenario, lan_wifi_switch.bat will switch from LAN TO WLAN, or WLAN to LAN automatically.

Enable WLAN, and disable LAN

```

User profiles
-----
All User Profile      : HOME_Team4

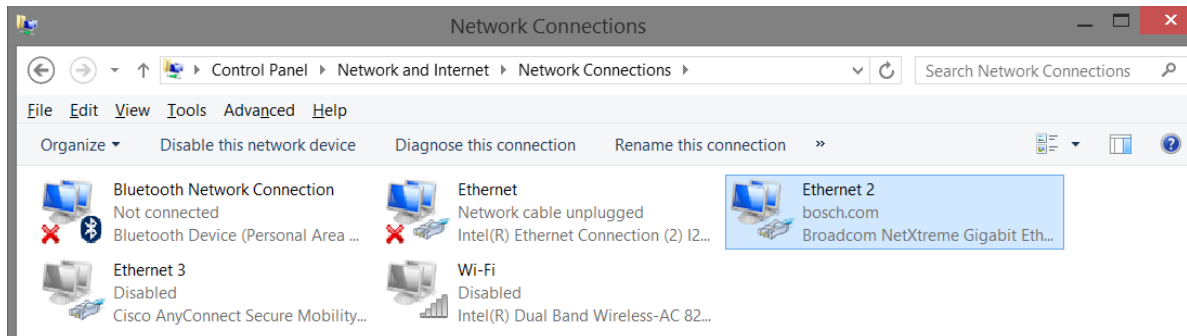
Connection request was completed successfully.
-----
WLAN: enabled, LAN: disabled.
-----
  
```



Disable WLAN, and enable LAN

```
Pinging 10.61.156.146 with 32 bytes of data:
Request timed out.
```

```
Ping statistics for 10.61.156.146:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),
begin to enable LAN "Ethernet 2" and disable WLAN.....
-----
WLAN: disabled, LAN: enabled.
-----
```



4. After Test scenario, run lan_wifi_both_enable.bat to active both LAN and WLAN

```
lan_wifi_both_enable.bat
Administrative permissions required. Detecting permissions...
[Success]Administrative permissions confirmed.
#####
Please run this batch as Administrator
The Net configuration will enable WLAN and LAN, and Vice Versa
#####
Please wait .....
begin to enable LAN "Ethernet 2" and enable WLAN "Wi-Fi".....
-----
WLAN: enabled, LAN: enabled.
-----
```

