

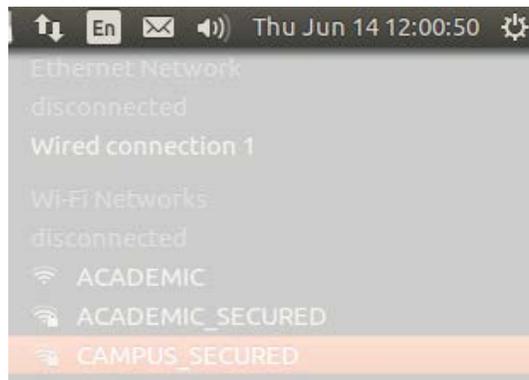
संगणक एवं सूचना केन्द्र  
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भारतीय प्रौद्योगिकी संस्थान खड़गपुर  
Indian Institute of Technology, Kharagpur

## CONFIGURING WI-FI AUTHENTICATION ON LINUX DEVICES

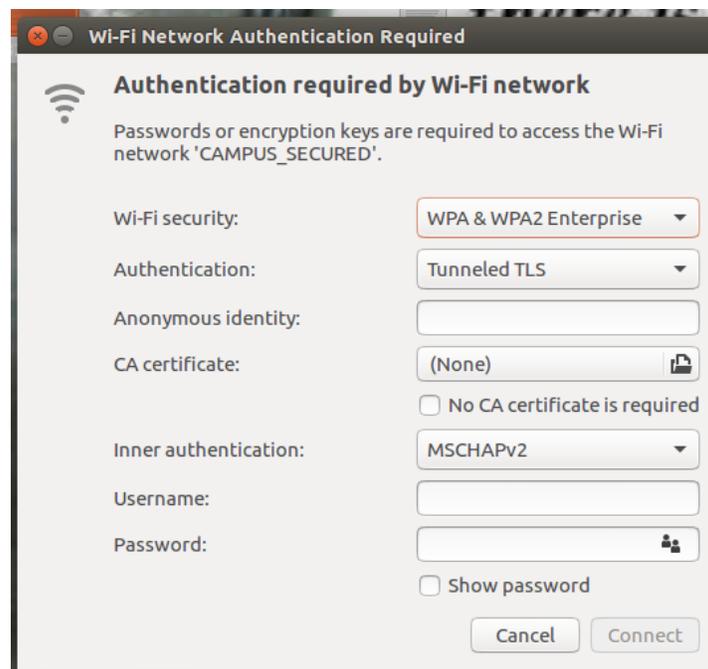
**Note:** You will have to configure each SSID only once if you use the same user id and password. This is a typical configuration for linux devices, Screenshot may slightly differ depending upon devices.

### First Time Configuration

1. Click on the desired secured SSID.



You will get a screen as follows:



2. Fill up the form on the screen. Set the values in the fields as follows:

Authentication: Choose **Protected EAP (PEAP)** from drop-down menu

Anonymous identity: Leave blank

CA certificate: Leave **(None)** and **Check** the box against “No CA certificate is required”

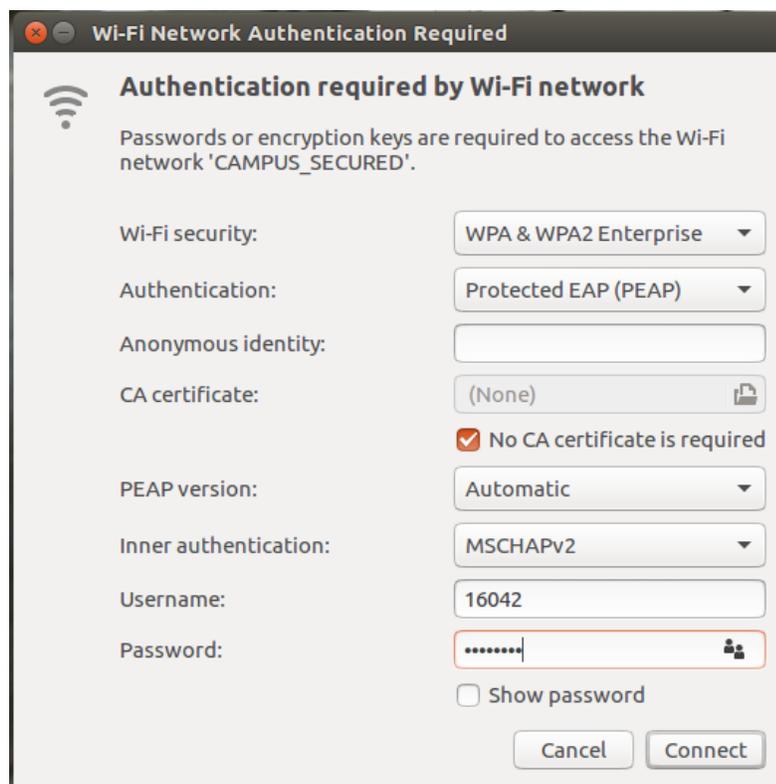
PEAP version: Choose **unspecified** from drop-down menu

Inner authentication: Choose **MSCHAPV2** from drop-down menu

Username: Type your ERP login id

Password: Type your network password (The network password you set in ERP, NOT your ERP password)

Configure the proxy settings in the same manner as you do now for wi-fi access.



**Wi-Fi Network Authentication Required**

Authentication required by Wi-Fi network

Passwords or encryption keys are required to access the Wi-Fi network 'CAMPUS\_SECURED'.

Wi-Fi security: WPA & WPA2 Enterprise

Authentication: Protected EAP (PEAP)

Anonymous identity:

CA certificate: (None)  No CA certificate is required

PEAP version: Automatic

Inner authentication: MSCHAPv2

Username: 16042

Password: .....  Show password

Cancel Connect

3. Click on “Connect”. You can see that desired SSID is connected if proper input is given.

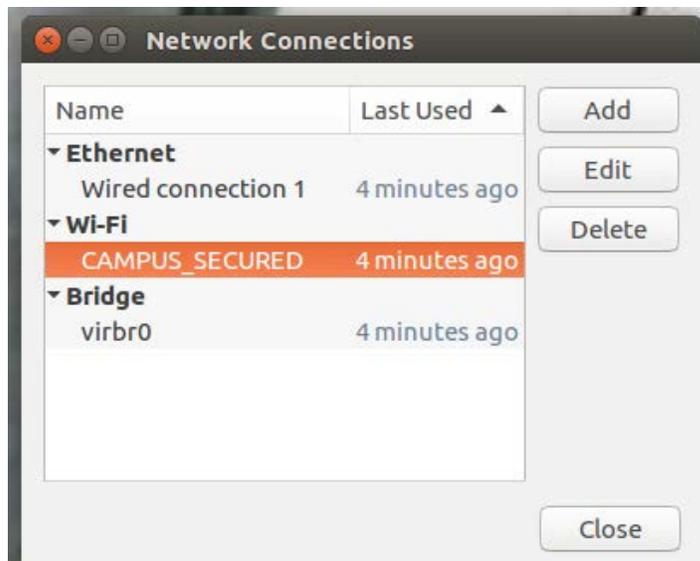


**Configuring again if you want to use another user id, password on the same device or change your network password in ERP**

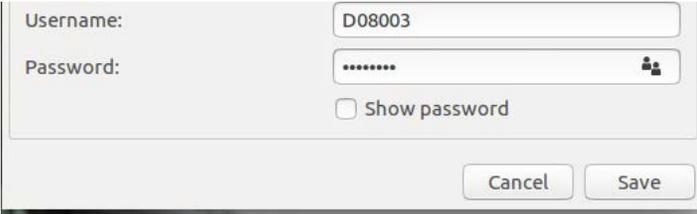
1. Click on wifi symbol, then click on “Edit Connections..”



2. Select the desired SSID under Wi-Fi and click on “Edit” or you can double click on the SSID.

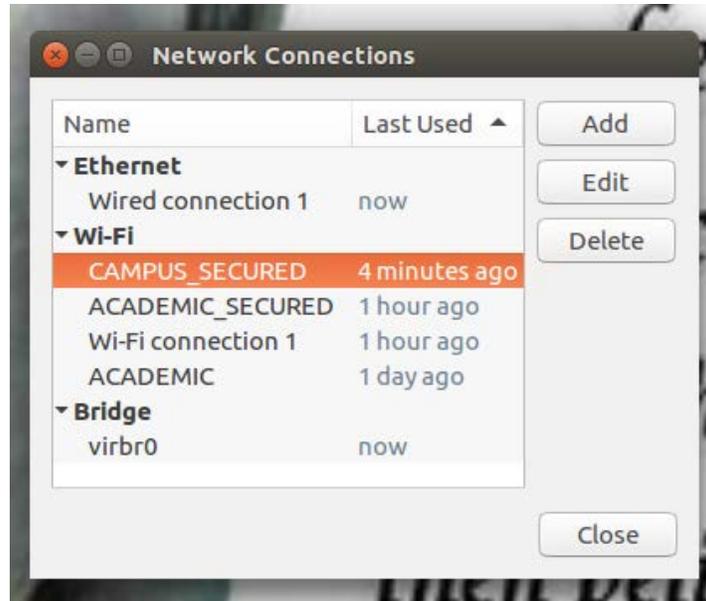


3. The same form as in the case of first time configuration will come under “Wi-Fi Security” tab. Edit the form as needed in the same way as earlier, then click on “Save”.

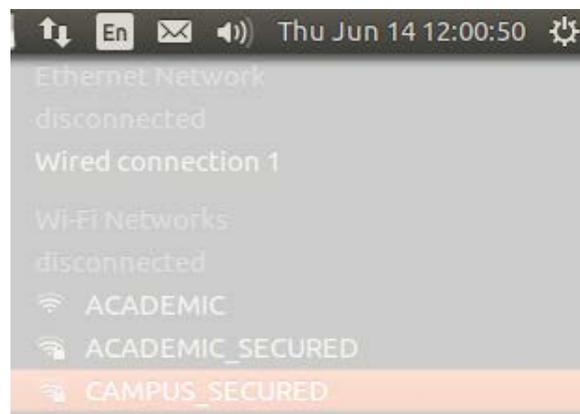


A dialog box for configuring Wi-Fi security. It contains two input fields: "Username:" with the value "D08003" and "Password:" with masked characters ".....". Below the password field is a checkbox labeled "Show password" which is currently unchecked. At the bottom right, there are two buttons: "Cancel" and "Save".

4. “Close” the window.



5. Click on the edited SSID to connect.



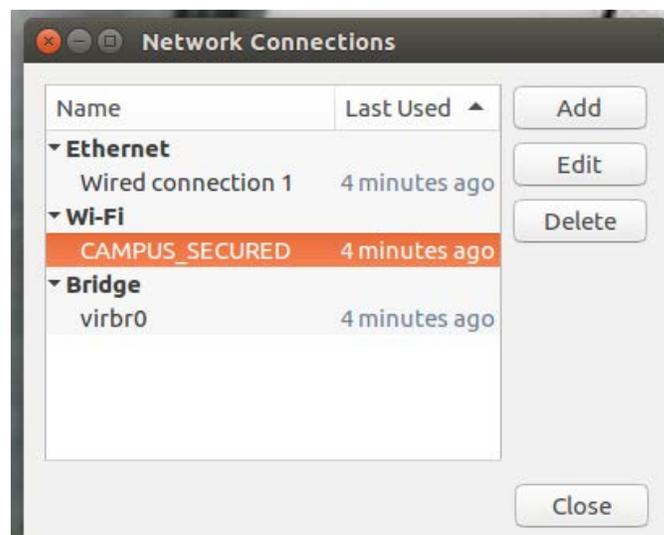
## Configuring to forget or delete the SSID

(So that no one else using the same device can log in with your user id and password)

1. Click on wifi symbol, then click on “Edit Connections..”



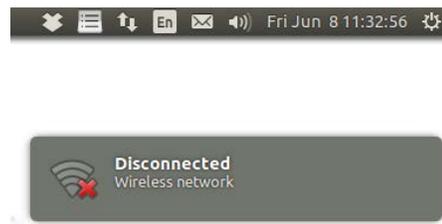
2. Select the desired SSID under Wi-Fi and click on “Delete”. Close the window.



3. Click on the wifi or network symbol and just click on “Enable Wi-Fi” to disable the wireless card.



4. You can see the wireless network disconnected message.



5. Click on Enable “Wi-Fi” to enable the wireless card.



**Note: if you forget the network, you will have to set the configuration again (in the same manner as for first time configuration) if you want to log in later in the same SSID with your user id and password.**