Connecting to Secure Wireless (iitk-sec) on Fedora
Configuration

- Go to "System ➔ Preferences ➔ Network Connections".
- Click on "Wireless" tab and then "Add" button.
Configuration

- Check “Connect automatically” and “Available to all users”. Set SSID to “iitk-sec”.

![Configuration settings](image)
Configuration

• Go to "Wireless Security" tab and select these options.
• Security: **WPA & WPA2 Enterprise**
• Authentication: **Tunneled TLS**
• CA certificate: **(None)**
• Inner authentication: **PAP**
• Username: **(Use your proxy username)**
• Password: **(Use your proxy password)**

See figure on next slide regarding this.
Configuration

Connection name: Wireless connection 1

- Connect automatically

- Wireless Security
  - Security: WPA & WPA2 Enterprise
  - Authentication: Tunneled TLS
  - Anonymous identity: 
  - CA certificate: (None)
  - Inner authentication: PAP
  - Username: saurabh
  - Password: ********

- Available to all users

- Ask for this password every time
- Show password

- Cancel
- Apply...
Configuration

- Click on "Apply" and give your system root password.
Connecting to Secure Wireless (iitk-sec) on Ubuntu
Configuration

• Go to “System ➔ Preferences ➔ Network Connections”.
• Click on “Wireless” tab and then “Add” button.
Configuration

- Check **“Connect automatically”** and **“Available to all users”**. Set SSID to **“iitk-sec”**.
Configuration

• Go to “Wireless Security” tab and select these options.
• Security: **WPA & WPA2 Enterprise**
• Authentication: **Tunneled TLS**
• CA certificate: **(None)**
• Inner authentication: **PAP**
• Username: **(Use your proxy username)**
• Password: **(Use your proxy password)**

See figure on next slide regarding this.
Configuration

- **Connection name:** Wireless connection 1
- **Security:** WPA & WPA2 Enterprise
- **Authentication:** Tunneled TLS
- **Anonymous identity:** 
- **CA certificate:** (None)
- **Inner authentication:** PAP
- **Username:** saurabh
- **Password:** 
- **Available to all users**
- **Ask for this password every time**
- **Show password**
Configuration

- Click on “Apply” and give your system root password.
- Now click “Authenticate” button.
Connecting to Secure Wireless (iitk-sec) on Windows Vista
Installation

• Download “SecureW2” client from this given link
  http://www.iitk.ac.in/cc/UIC_SecureW2.exe
Installation Continues...

- Start Setup "UIC_SecureW2" by double click, then Click "OK".
Installation Continues...

• Click “Next”.

![SecureW2 EAP Suite 1.1.3 for Windows Setup](image)
Installation Continues...

• Click “I Agree”.

![License Agreement window]
Installation Continues...

- Select “TTLS” and click on “Install”.

![Choose Components window](image)
Installation Continues...

- Click on “Finish”.
Configuration

- Start “TTLS-Manager” by Clicking “Start → SecureW2”.

Configuration

- Click on "New" Button.
Configuration

• Create Profile “iitk-sec” and click “OK”.
Configuration

- Uncheck "Use alternate outer identity:"
Configuration

• Click on “Certificates” tab and uncheck ”Verify server certificate”. 
Configuration

• Click on “Authentication” Tab and make sure that “Select Authentication Method: PAP”.
Configuration

- Click on "User account" tab and uncheck "prompt user for credentials", Put your Username: and Password: (As you normally use on proxy), Click "OK".
Configuration

• Click “OK”.
Configuration

- Select “Network”.

![Image of a computer interface with the Network option highlighted]
Configuration

• Click on “Network and Sharing Center”.
Configuration

• Select "Manage wireless networks".
Configuration

- Click on "Add" tab.
Configuration

• Click "Manually create a network profile".
Configuration

- Network name: "iitk-sec"
- Security type: "WPA2-Enterprise"
- Encryption type: "AES or TKIP"
- Then click on "Next".
Configuration

• Click "Change connection settings".
Configuration

- Select “Security” tab
- Select “Secure w2 EAP-TTLS” authentication method.
Configuration

• Click on “Settings” Button.
Configuration

• Select predefined Profile "iitk-sec" and then "OK".
Configuration

• Click “OK”.

![Network Security Configuration Window]

- Security type: WPA2-Enterprise
- Encryption type: AES
- Authentication method: SecureW2: SecureW2 EAP-TTLS
- Remember credentials for this connection each time logged on

[OK] [Cancel]
Connecting to Secure Wireless (iitk-sec) on Windows7
Installation

• Download “SecureW2” client from this given link

http://www.iitk.ac.in/cc/UIC_SecureW2.exe
Installation Continues...

• Start Setup "UIC_SecureW2" by double click, then Click "OK".
Installation Continues...

- Click “Next”.
Installation Continues...

- Click “I Agree”.
Installation Continues...

• Select “TTLS” and click on “Install”.

![Choose Components dialog box showing TTL 4.1.0 selected for installation.](image-url)
Installation Continues...

- Click on “Finish”.

![SecureW2 EAP Suite 1.1.3 for Windows Setup](image)
Configuration

• Start “TTLS-Manager” from Desktop.
Configuration

• Click on “New” Button.
Configuration

• Create Profile “iitk-sec” and click “OK”.
Configuration

• Uncheck "Use alternate outer identity:".
Configuration

• Click on “Certificates” tab and uncheck ”Verify server certificate”.

![Image of SecureW2 configuration window with the Verify server certificate checkbox unselected]
Configuration

• Click on “Authentication” Tab and make sure that “Select Authentication Method: PAP”.
Configuration

- Click on "User account" tab and uncheck "prompt user for credentials", Put your Username: and Password: (As you normally use on proxy), Click "OK".
Configuration

• Click “OK”.
Configuration

• Select “Network → Properties”.
Configuration

• Click on “Manage wireless networks”.
Configuration

- Click on “Add” tab.
Configuration

• Click "Manually create a network profile".
Configuration

- Network name: "iitk-sec"
- Security type: "WPA2-Enterprise"
- Encryption type: "AES or TKIP"
- Then click on "Next".
Configuration

• Click "Change connection settings".
Configuration

• Select “Security” tab.
Configuration

- Select “Secure w2 EAP-TTLS” authentication method.
Configuration

- Click on **"Settings"** Button.
Configuration

- Select pre define Profile “iitk-sec” and then “OK”.
Configuration

• Click “OK”.
Connecting to Secure Wireless (iitk-sec) on WindowsXP
Installation

• Download "SecureW2" client from this given link.

http://www.iitk.ac.in/cc/UIC_SecureW2.exe
Installation Continues...

- Start Setup "UIC_SecureW2" by double click, then Click "OK".
Installation Continues...

• Click “Next”.
Installation Continues...

• Click “I Agree”.

License Agreement

Please review the license terms before installing SecureW2 EAP Suite 1.1.3 for Windows.

Press Page Down to see the rest of the agreement.

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This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install SecureW2 EAP Suite 1.1.3 for Windows.

Nullsoft Install System v2.38.1-Unicode
Installation Continues...

- Select “TTLS” and click on “Install”.
Installation Continues...

• Click on “Finish”.

![SecureW2 EAP Suite 1.1.3 for Windows Setup](image-url)
Configuration

- Start “TTLS-Manager” from Desktop.
Configuration

• Click on “New” Button.
Configuration

- Create Profile “iitk-sec” and click “OK”.

![SecureW2 Configuration and New Profile dialog boxes](image.png)
Configuration

• Uncheck "Use alternate outer identity:"

![Configuration Window](image_url)
Configuration

• Click on “Certificates” tab and uncheck ”Verify server certificate”.

![Configuration window](image)

Click on “Certificates” tab and uncheck ”Verify server certificate”.
Configuration

- Click on “Authentication” Tab and make sure that “Select Authentication Method: PAP”.

[Image of a configuration interface with the authentication method set to PAP]
Configuration

- Click on "User account" tab and uncheck "prompt user for credentials", put your Username: and Password: (As you normally use on proxy), click "OK".
Configuration

• Click “OK”.
Configuration

- Go to “Start ➔ Settings ➔ Network Connections”.

![Image of Windows XP Start menu with Settings and Network Connections highlighted]
Configuration

• Right click on “Wireless Network connection” and select “Properties”. Now click on “Wireless Networks” Tab.
Configuration

• Click on “Add...” Button.
Configuration

- Set Network Name (SSID): iitk-sec
- Network Authentication: WPA or WPA2
- Data encryption: AES or TKIP
Configuration

• Go to “Authentication” Tab and select EAP type: SecureW2 EAP-TTLS. Now click “Properties”.

![Wireless network properties window](image)
Configuration
• Set Profile: iitk-sec and click “OK”.