EDUROAM User Guide

1 EDUROAM Introduction

EDUROAM (education roaming) is an international wireless roaming service for users who are the league members of EDUROAM. It provides researchers, teachers and students easy and secure network access when visiting other institutions. The users' identity authentication is performed by their home institute, using the same credentials as when they access the network locally, while authorization to access the Internet and possibly other resources is handled by the visited institution.

IHEP has officially joined the EDUROAM community since March 2015.

2 Getting Started

2.1 For IHEP Users inside IHEP

2.1.1 Preparation of Unified Authentication Account of IHEP

IHEP users access EDUROAM using unified authentication account of IHEP as the credential. Before using EDUROAM, please login the unified authentication system of IHEP (http://login.ihep.ac.cn) and fulfill the initial information.

2.1.2 WINDOWS 8 Users Guide

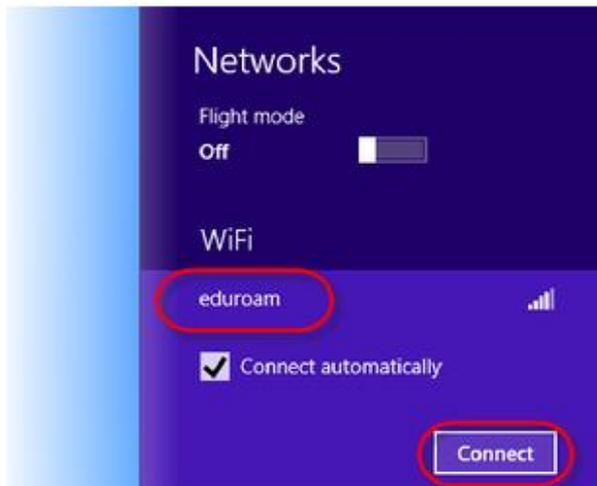For the Windows 8 Users, Please refer to the following steps to use EDUROAM wifi.

STEP 1: OPEN NETWORK CONNECTIONS
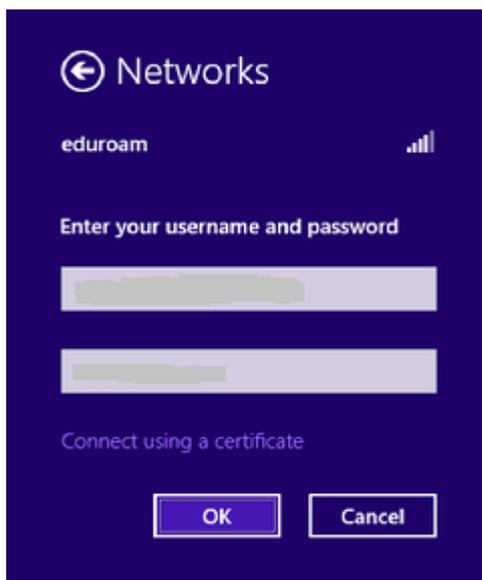
- Click the wireless network icon on the **taskbar**.

STEP 2: CONNECT TO EDUROAM

- Click **eduroam**.
- Check Connect automatically.
- Click **Connect**.

STEP 3: USER CREDENTIALS

- In the first field, enter your account (e.g.**xxx@ihep.ac.cn**)。
- In the second field, enter the password。
- Click **OK**。

STEP 4: CONFIRM SERVER IDENTITY

When the message displayed below shows:

- Click **Connect**.

You are now connected to eduroam. From now on, your computer will automatically connect to this wireless network.
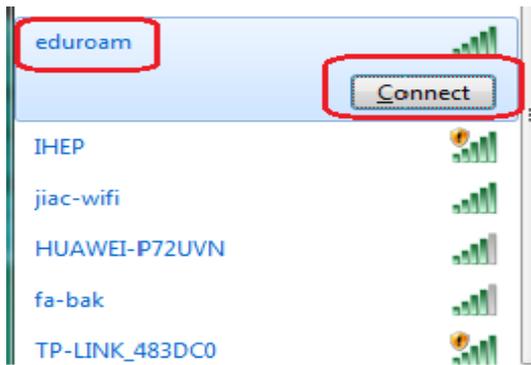
2.1.3 WINDOWS 7 Users Guide

STEP 1: OPEN NETWORK CONNECTIONS

Click the wireless network icon on the **taskbar**.

STEP 2: CONNECT TO EDUROAM

- Click **eduroam**.
- Click **Connect**.

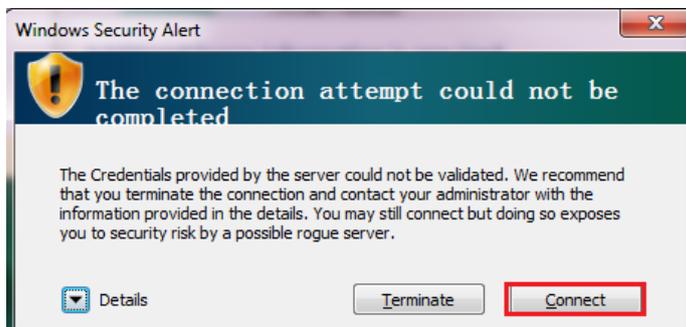## STEP 3: PROVIDE USER CREDENTIALS

- A screen is now being displayed.
- Under **Username**: enter your account.
- Under **Password**: enter your password.
- Click **OK**.

STEP 4: CONFIRM SERVER IDENTITY

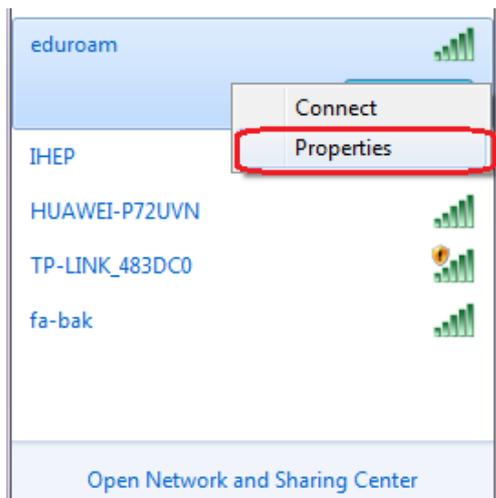When the message displayed below shows:

- Click **Connect**.

2.1.4 CA Certificate Users Guide

Please select PEAP for unified authentication account and TLS for certificate authority (CA) validation.
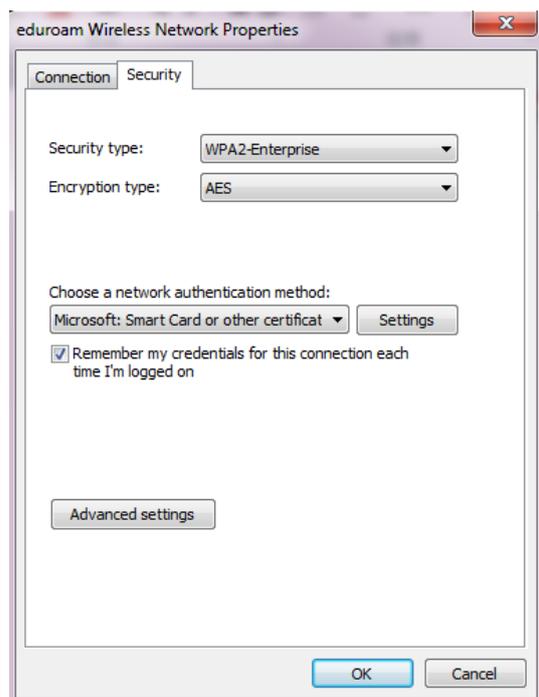
USING CA CERTIFICATE

STEP 1: CONFIGURATION PROPERTIES

- Click **Property**.

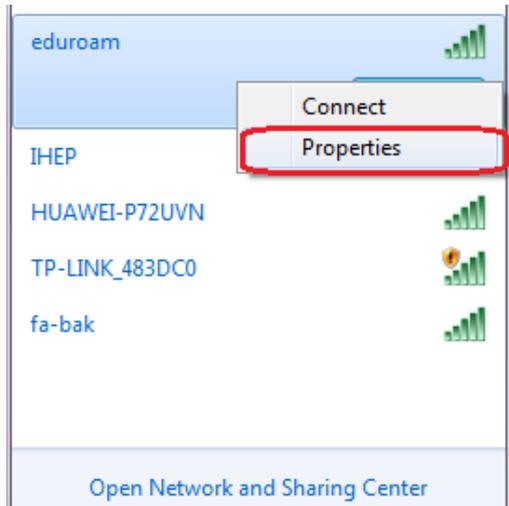
STEP 2: CHOOSE PROTOCOL

- Choose **Microsoft: Smart Card or other certificate**
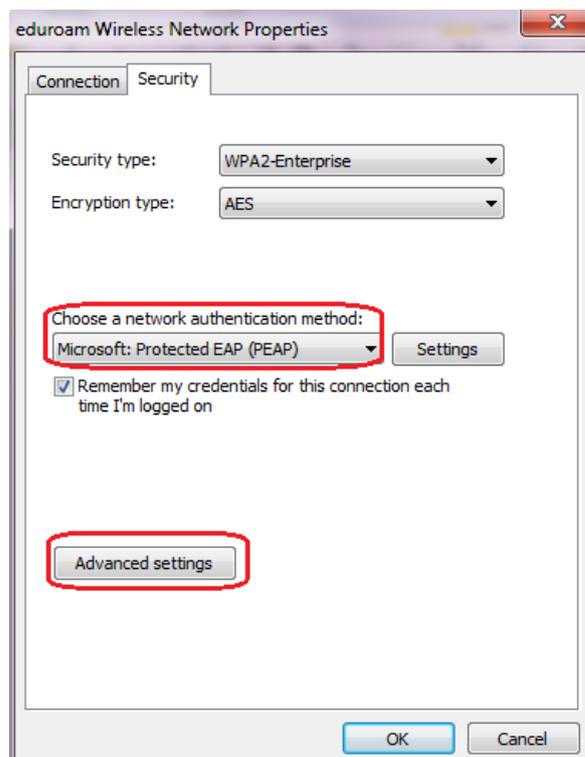
USING ACCOUNT

STEP 1: CONFIGURATION PROPERTIES
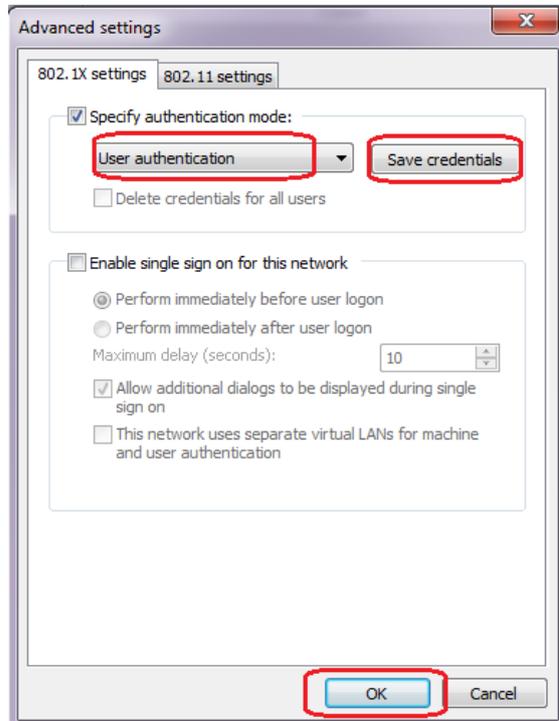
- Click **Property**.

STEP 2: CHOOSE PROTOCOL

- Choose **Microsoft: Protected EAP(PEAP)**
- Click **Advanced Settings**

STEP 3: ADVANCED SETTINGS

- Choose **User authentication**
- Click **Save credentials**
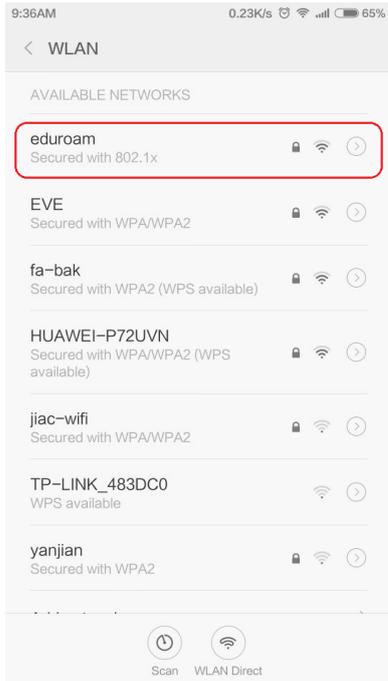- Click **OK**

2.1.5Mobile Devices Users Guide

This manual describes how you can configure a mobile phone with the operating system Android to use the eduroam network of the IHEP. There are two ways to connect to the eduroam.
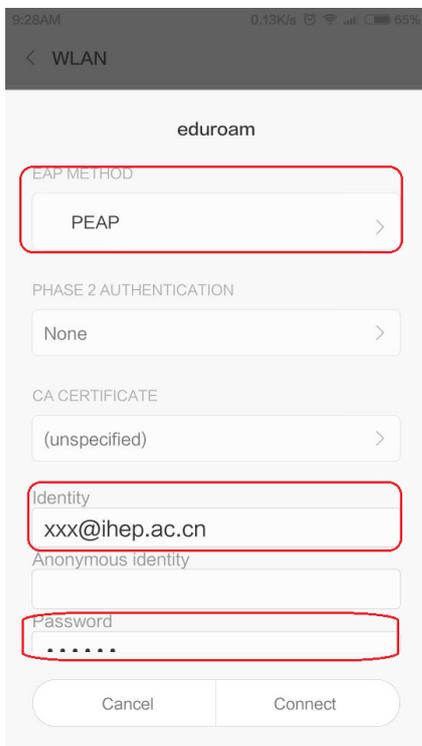
USING ACCOUNT

STEP 1: SELECT EDUROAM

- Press **eduroam**.
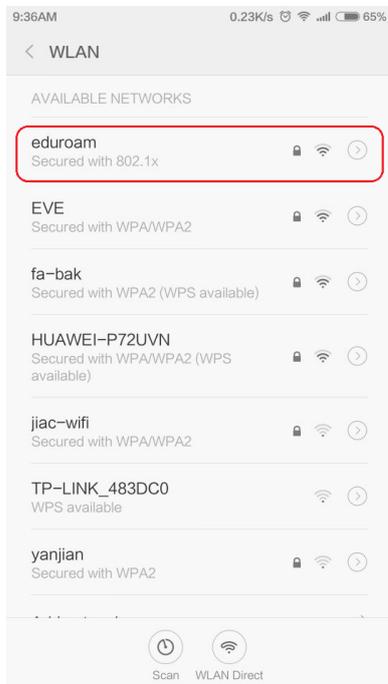
STEP 2: CONFIGURING EDUROAM

- Under EAP method select the option **PEAP**.
- Under **Identity**: enter your account.
- Under **Password**: enter your password.
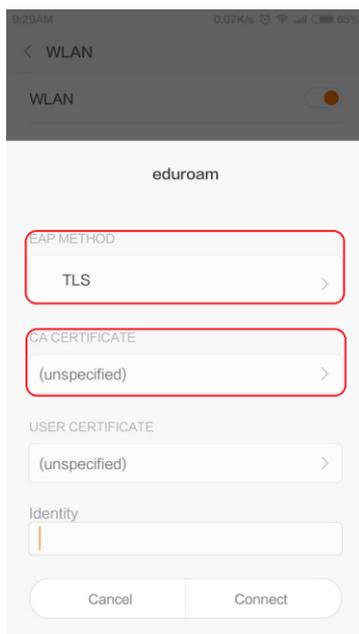- Press **Connect**.

USING CERTIFICATES

STEP 1: SELECT EDUROAM

- Press **eduroam**.

STEP 2: CONFIGURING EDUROAM

- Under EAP method select the option **TLS**.
- Under **CA CERTIFICATE**: select your certificate.

2.1.6 Some Notes

As an IHEP local user, you are not recommended to use EDUROAM at IHEP for long time. After a successful connection, you will be disconnected from EDUROAM automatically in five minutes and receive an offline email. If your terminal equipment repeats connection to EDUROAM, you will receive this email continuously. You are advised to select IHEP SSID.

2.2 For IHEP Users outside IHEP

IHEP users can access the EDUROAM using their IHEP credentials(username and password) when visiting an EDUROAM deployed institution around the world.

2.3 For the Visitors inside IHEP

Visitors from the EDUROAM deployed institutions can access the wireless network of IHEP by selecting the eduroam SSID using their home institution credentials.