EURECOM VPN SSL for students
User’s guide

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Introduction

Eurecom offers a solution for staff members and students to access from outside of Eurecom to internal resources. One can, using its own machine and an internet connection, access to internal applications.

Main concerned resources and applications are:

- Web application like intranet, sifi ...
- File access
- Mail access
- In some cases, specific internal applications

VPN SSL offers a single centralized access point. To access internal resources, a user has to

- Connect to the VPN SSL portal main page
- Authenticate itself
- Select application he needs just clicking on the VPN SLL web portal

This documentation is a user guide which may help users to use EURECOM VPN SSL.

Login process

Portail main page

EURECOM vpn ssl is available from:

https://vpn.eurecom.fr

Prerequisite

To access EURECOM VPN SSL, you must have

1. A RSA SecurID sofwtare token: ask IT service to have one.

2. A computer with
   a. Windows, linux or MacOS
   b. Java (only for specific applications which require plug ins (see following chapters))
3. An internet connection that allow https (i.e. port 443) connection to outside sites.

4. Use Internet Explorer or Firefox (some access may not work with others like Chrome)

5. Browser Configuration: you must allow window pop-up to be able to use some applications supported by SSL VPN (like the SIFI).

EURECOM SSL VPN is a lightweight VPN. The simplest part of the VPN does not even require any user installation and thus does not require you to be administrator of the machine.

**RSA SecurID software token**

To be able to connect you may have a SecurID software token (see Software token user’s guide for more information).

To connect :

1. Open the software token application on the device where your own token is installed

2. Enter your PIN code into it

3. Enter as PASSCODE the 8 digits code displayed on your software

When you use RSA token for the first time, as you do not have your pin code yet: goto https://token.eurecom.fr to initialize it. If you’ve forgotten it, you can also ask for a new one using troubleshooting option on this site.

**IMPORTANT NOTE:**

- This PIN code is **personal** and mustn’t be known by anyone else than you. If you suspect it’s not the case, just contact Eurecom IT staff who will re initialize the token.

- The PIN code is given to you **only once**: you must remember it to be able to connect again.

**First usage of RSA SecurID token**

This procedure describes how to use your token for the first time. The goal of such a process is to obtain
your personal PIN code. Once you’ve got it, refer to Connection process page 9.

To obtain your RSA SecurID PIN code: just log you to https://token.eurecom.fr using as Password your windows password in EURECOM domain, and require for a PIN.

1. go to https://token.eurecom.fr
2. enter your User ID which is your EURECOM loginname (without @eurecom.fr)
3. Choose password
4. Enter your EURECOM windows password (into EURECOM domain)
Using the server for the first time, you’ve got to choose/answer 5 “security” questions. It is important to choose questions that you can answer without doubts, because the later on, when you will try to connect to it (for example for troubleshooting purposes), the server may ask some of these questions in order to verify that it is really you...
Click on the “Create PIN” link

The welcome page of token.eurecom.fr should indicate you if you’ve got a token without any PIN code: click on « create PIN »: the system generates a personal PIN code you’ll need to enter each time you want to use your token (DO NOT FORGET IT):

Be careful that nobody may know your PIN code: for your first login process, care that nobody can see your screen and then acquire your code.

**REMEMBER YOUR PIN CODE:** the system will never show it again. If you lose it, you can ask for a new one (see How to troubleshoot your RSA software token)

*How to troubleshoot your RSA software token*

*The troubleshooting site*
In addition to give you your PIN code, the web site https://token.eurecom.fr is dedicated to self-service tools for RSA tokens. It allows to initialize or re initialize your personal PIN code, unblock resources access when you’ve forgotten or lost your token ... . You first have to login as in the previous step (using EURECOM login and windows password)

<table>
<thead>
<tr>
<th>Once logged on, you can access to tools made to unblock your external access authenticated by RSA. For that purpose you have to click on “troubleshoot” on your software token :</th>
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| ![My Account](image)

You then have two options :

- I forgot my PIN code will allow you to generate a new PIN code.
- I don’t have my token will give you a temporary “emergency token” which will have a limited validity (generally one day).
**Reset my PIN code**

Just click on the “I forgot my PIN” in the previous “troubleshoot your token” screen and click on “create PIN”:

![Reset PIN screen](image1)

**I don’t have my token with me**

Just click on “Token is temporarily unavailable or misplaced”. The system generates a temporary “Emergency Access Tokencode” to use instead of your token code. To use it, enter as passcode your PIN code FOLLOWED by this special “Emergency Access Tokencode”:

![Emergency access screen](image2)

Passcode = Pincode +
“Emergency Access
Tokencode”

Connection process

Open a web browser and go to

https://vpn.eurecom.fr

This main page is not dedicated for a specific users group. To connect yourself, first select your GROUP (i.e. category): **EURECOM**

Note that the logon process will not allow you to connect if you select the wrong group, even if your login information is correct.
Note that the login page look and feel may change a little and shows you the group you’ve chosen: if you cannot log you, verify you’ve chosen EURECOM GROUP.

You have to enter following information:

- **USERNAME:** this is your EURECOM windows login name
- **Windows password:** this is your password you usually use to connect to a EURECOM windows machine
- **RSA PASSCODE:** this is the RSA SecurID One time password computed by your RSA software token
  - Launch RSA software on the device you’ve chosen
  - Enter your PIN code
  - Enter as passcode the 8 digits displayed on the software token

Once you’re authenticated, the SSL web portal is opened.

**NOTE:** sometimes you are required to enter the Next Token code: just wait the computed passcode changes on your RSA Software token and enter the new one.

**SSL VPN usage**

The window portal page is composed of two main parts:

1. A left menu with:
   - Home (this page),
   - Web applications (corresponding to the web bookmarks in the main window).
   - Browse networks (corresponding to file bookmarks in the main window).
   - Telnet/ssh servers (corresponding to telnet SSH bookmarks in the main window).

   When you click on one of these items, a documentation pages is displayed in order to give you a detailed explanation on the options of the tools.

2. A main window where you can directly access all the applications available through the VPN using bookmarks. There are mainly three kind of applications:
   - Web bookmarks which give you access to the intranet, sifi, library etc...
   - File Bookmarks allow you to browse your home dir, the teaching repository and the ftp repository.
You will note that the file browsing is easier using internet explorer since there is a “web folder” option that makes the application look like a standard explorer window.

iii. Telnet and ssh bookmarks allow you to use a java based ssh client applet that you can use to remotely access specific Eurecom computers.

**General usage**

The main page looks like:
Please note that once you connect to an application, you should always be able to get back to this screen by clicking on the “home” icon that appears at the upper right corner of the window.

If you select one Menu on the left, the portal will show you only application of the selected part, with a little help concerning the application usage.

**Web application**

![Web application screenshot]

**Browse networks**

![Browse networks screenshot]
Telnet/SSH Servers

Web application

To use a Web application: just click on it. It will be opened on the same window (use Home icon to go back to main portal page).

Example: the sifi page
Note that to be able to access some part of web applications, you must allow pop-ups:

![My Student Card](image)

Pop-up blocked. To see this pop-up or additional options click here...

Just then allow Pop-ups and answer yes when prompted:
**Browse network**

Just select the directory you want to browse on the “Browse network” part of the portal.

Files are then shown on the web page:
There are no more than 30 entries per page which means you have to navigate between pages to access other files:

The Icon 📄 on the left of each file/folder allows you to **rename** the corresponding entry:
Icons on the top represent all the possible action you can make on files/directories:

- **Level up**: just go one level up in your directory hierarchy.
- **Favorites**: go back to “browse network” main page.
- **Delete**: select a file to be deleted and click this icon.
- **Copy**: select a file to be copied cut and click this icon.
- **Cut**: select a file to be cut and click this icon.
- **Paste**: go to the destination directory and the file you selected to be copied/cut will be paste.
- **New folder**: make a new folder into the current directory. You will be asked for the folder name.
- **Upload**: this is dedicated to transfer files from your current machine to the EURECOM file share. You will be asked to browse your machine to select the file to transfer. The destination folder of the file is the one you are browsing via “browse network”.
- **Web browser**: only works with Internet Explorer under windows operation system (not for firefox or other browsers). This opens a window explorer window with your files. You must first allow the window:
IMPORTANT NOTE: Be careful that sometimes this window is on the background so you do not see it. Be aware also that there is a time out: if you are too long to press Yes, the Explorer window won’t be opened: just reselect web browser.

Explorer window looks like a normal explorer one:
You can also open an Explorer page on a specific folder selecting the icons on the right of its name:

![Folder Icon]

This will open the corresponding folder into an explorer window.

**Network**: not implemented

**Telnet/SSH Servers**

**IMPORTANT**: you must have Java available on your machine.

First select the machine you want to access. The window will appear in the web page:
Just logon with your usual Linux credential. Do not forget to logout at the end.

**How to Logout**

Just click to the [ ] on the menu bar or click on Logout on Home, Web applications, Browse network or Telnet/SSH Servers page.