HOWTO Perform SSH PORT Tunneling

Table of Contents
Tunneling using a Linux/MAC Workstation ................................................................. 1
Tunneling using a Windows Workstation ................................................................. 1
  Requirements ........................................................................................................... 1
  Port Tunneling ........................................................................................................ 1
Credits ......................................................................................................................... 2

Tunneling using a Linux/MAC Workstation
You need one terminal window and one web browser to establish this secure connection:

From the terminal window:

\texttt{ssh -L 2080:website.web.cern.ch:80 lxplus.cern.ch}

You have to log into LXPLUS using your password. On your web browser, enter the following URL:

\texttt{http://localhost:2080/website/}

You can browse the otherwise unreachable website.web.cern.ch.

Tunneling using a Windows Workstation

Requirements
PuTTY is a freely available SSH and Telnet client for Windows. PuTTY and a variety of other useful tools can be downloaded from the official website here.

Port Tunneling

- You have to set the SSH server:
• Add a new forwarding specification in the Connection/SSH/Tunnels panel:

![Image of Putty Configuration](image1)

• Don't forget to press the "Add" button before opening the connection!

![Image of Putty Configuration](image2)

Credits

• CENF Neutrino Platform computing support (neutplatform.support@cern.ch)