I) Setup Proxy

HTTP Proxy : **proxy.iisc.ernet.in** Port : **3128**

HTTPS Proxy : **proxy.iisc.ernet.in** Port : **3128**

FTP Proxy : **proxy.iisc.ernet.in** Port : **3128**

II) Instructions for ‘SSH’ to outside IISc (eg: Azure) Network on Linux

PreRequisite :

To have Previously setup IISC proxy ‘[proxy.iisc.ernet.in](http://proxy.iisc.ernet.in) 3128”

1)Download Corkscrew Tool

<http://www.techrepublic.com/blog/linux-and-open-source/using-corkscrew-to-tunnel-ssh-over-http/>

2)Extract into New Location : **/home/tools/**

3)Navigate to extracted path

**-> cd /home/tools/corkscrew-2.0**

4) Complete the setup

**-> ./configure**

**-> make**

5)Update the Environment variable PATH , pointing it to Corkscrew’s location

**-> nano .bashrc**

6)Add the line at the end of **.bashrc** file

>**export PATH=$PATH:/home/tools/corkscrew-2.0**

Connection String example:

ssh iotvm@iotsummerschoolbroker.cloudapp.net -o "ProxyCommand corkscrew [proxy.iisc.ernet.in](http://proxy.iisc.ernet.in) 3128 [iotsummerschoolbroker.cloudapp.net](http://iotsummerschoolbrokervm1.cloudapp.net) 22"

Reference

<http://www.techrepublic.com/blog/linux-and-open-source/using-corkscrew-to-tunnel-ssh-over-http/>

<http://agroman.net/corkscrew/>