

## Download server

Written by Administrator

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CSC has commissioned a new server, [download.iitd.ac.in](http://download.iitd.ac.in), to facilitate research downloads through non-standard ports. Internet services can be accessed on all ports from this machine and all accesses and downloads will be logged. Users can request for access to this service [here](#)

. Requests from students and contract staff will need to be approved by their supervisors.

1. The server has Firefox installed and has about 200GB of temporary storage in /var/misc and about 2 TB of temporary storage in /download. Please delete any temporary files that you may download to this area as soon as you copy them elsewhere. Use **ssh -Y download.iitd.ac.in** to enable X forwarding.

2. Alternatively, you can use ssh tunnel through this machine to download directly on your desktop/laptop. Please do a Google search on "ssh tunnel" for a howto/tutorial. Here are some basic commands to set up ssh tunnels.

1. **ssh -L 7777: [www.google.com](http://www.google.com) :80 download.iitd.ac.in -N** will map localhost:7777 to [www.google.com](http://www.google.com):80. Pointing your browser to <http://localhost:7777> will redirect to [www.google.com](http://www.google.com)

2. **ssh -L 7778: [cli.globusonline.org](http://cli.globusonline.org) :22 download.iitd.ac.in -N** will map localhost:7778 to [cli.globusonline.org](http://cli.globusonline.org) :22.

The command

**ssh localhost -p 7778**

from another terminal will take you to the ssh port of [cli.globusonline.org](http://cli.globusonline.org)

File transfers via scp will also work over this tunnel e.g. **scp -P7778 test.txt localhost:** will transfer file "test.txt" to cli.globusonline.org

3. You can set up tunnels to any port using similar commands.