

Download server

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CSC has commissioned a new server, *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*. Please delete any temporary files that you may download in 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 :80 download.iitd.ac.in -N** will map localhost:7777 to www.google.com:80. Pointing your browser to <http://localhost:7777> will redirect to www.google.com

2. **ssh -L 7778: cli.globusonline.org :22 download.iitd.ac.in -N** will map localhost:7778 to cli.globusonline.org :22.

The command

ssh localhost -p 7778

from another terminal will take you to the ssh port of

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.