

**Installation and usage instructions for BGU VPN service  
on UBUNTU 20.04 – Math Dept BGU**

**1) Install prerequisites.**

**obsolete** 13 Aug 2021

(These are needed because the VPN software is old, and designed for earlier linux systems.)

Run the following commands on a linux terminal. (You will need to supply your local password for sudo.)

```
> sudo dpkg --add-architecture i386
> sudo apt-get update
> sudo apt-get upgrade
> sudo apt-get install libc6-i386 libx11-6:i386 libstdc++5:i386 libpam0g:i386
```

**2) Download the VPN program.**

Create a local folder, say Downloads/BGU-VPN.

Go to this [location](#) (a folder on Google Drive) and copy the 4 files in it to your local folder Downloads/BGU-VPN.

**3) Install the VPN program.**

**obsolete**

Open the terminal. Then type:

```
> cd Downloads/BGU-VPN
> sudo bash snx_install.sh
```

Now the VPN program should be ready to use.

**3) Connect to BGU system**

You need to have a working password generator. See instructions for “logical token” here:

<https://in.bgu.ac.il/computing/Pages/vpn-service.aspx>

Open the terminal and type the following (replace amyekut with your own BGU CC username):

```
> snx -s vpn.bgu.ac.il -u amyekut@vpn
Check Point's Linux SNX
build 800008050
Please enter your password:
(xxxxxx) % The password is the 6 digits displayed on your
           % password generator:
SNX - connected.
---
---
>
```

**obsolete**

This means you are connected to the BGU system.

#### 4) Using this setup to manage files on your BGU system, in the math.bgu directories.

With the terminal still connected as in step 3, type the next commands, replacing amyekut with your own BGU CS user name.

```
> sftp amyekut@cicero1.cs.bgu.ac.il
amyekut@cicero1.cs.bgu.ac.il's password:
(password) % your BGU CS password
Connected to cicero1.cs.bgu.ac.il
sftp>
sftp> cd .html % this gets you to your html webpage directory
sftp> pwd % this displays directory on BGU system
sftp> ? % lists all sftp commands
sftp> lpwd % this displays directory on local system
sftp> lcd ~/Documents % this takes you to local directory ---
sftp> put something.pdf % upload a file from local dir to BGU dir
sftp> quit % leave sftp
> snx -d % leave vpn
```

obsolete

(updated by Amnon Yekutieli, 9 March 2021)