

# CSCI 4180

## Connecting to our OpenStack platform without CSE VPN

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SHB 118

*Office Hour: Thursday, 3-5 pm*

# Demo Videos

- Connecting to OpenStack Dashboard using SSH port forwarding on Windows
  - [https://youtu.be/IYPB\\_Z3ZxeA](https://youtu.be/IYPB_Z3ZxeA)
- Connecting to the VM:
  - <https://youtu.be/-vuP5xiExR4>

# Connecting to OpenStack Dashboard

- For the VM management part,
  - The dashboard is only accessible in CSE network
  - In order to work outside the network, you may establish a VPN
  - Alternatively, you can use **SSH port forwarding**:
    - On Linux or Mac machines, open your terminal and enter:

```
ssh mtyiu@gw.cse.cuhk.edu.hk -L 8000:137.189.89.214:80
```

Replace with your UNIX username

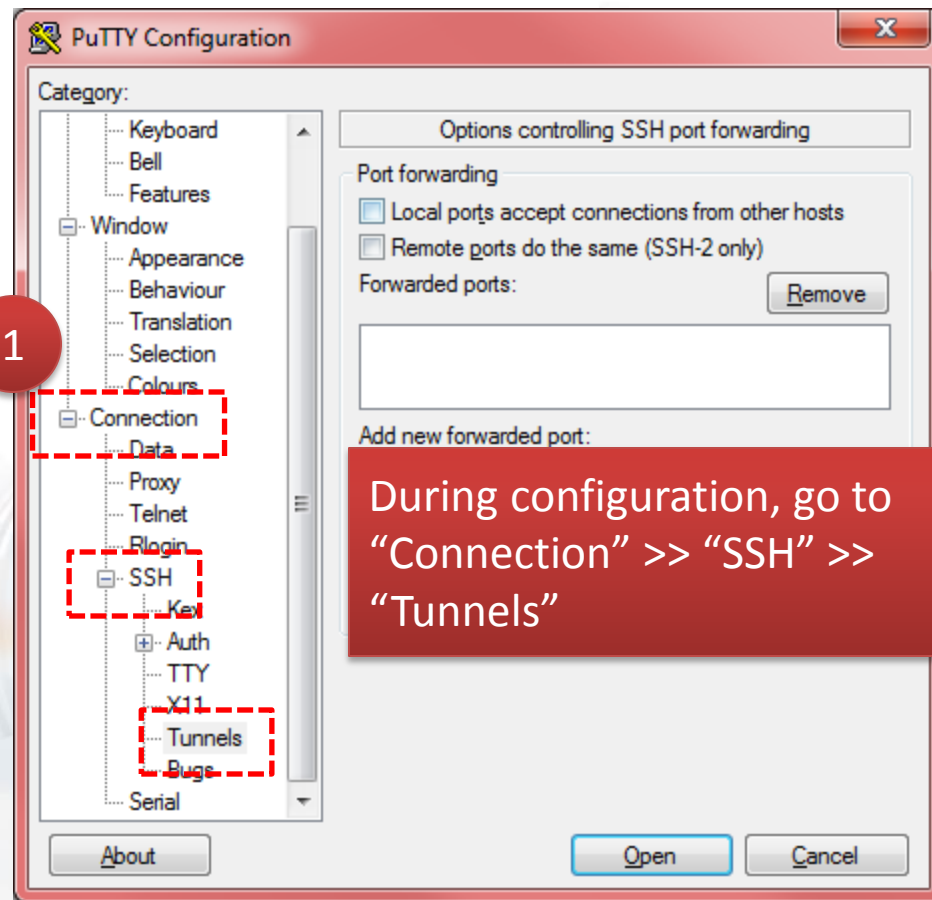
Choose a port for the forwarding

- Then access the dashboard with the following URL:

```
http://localhost:8000/dashboard
```

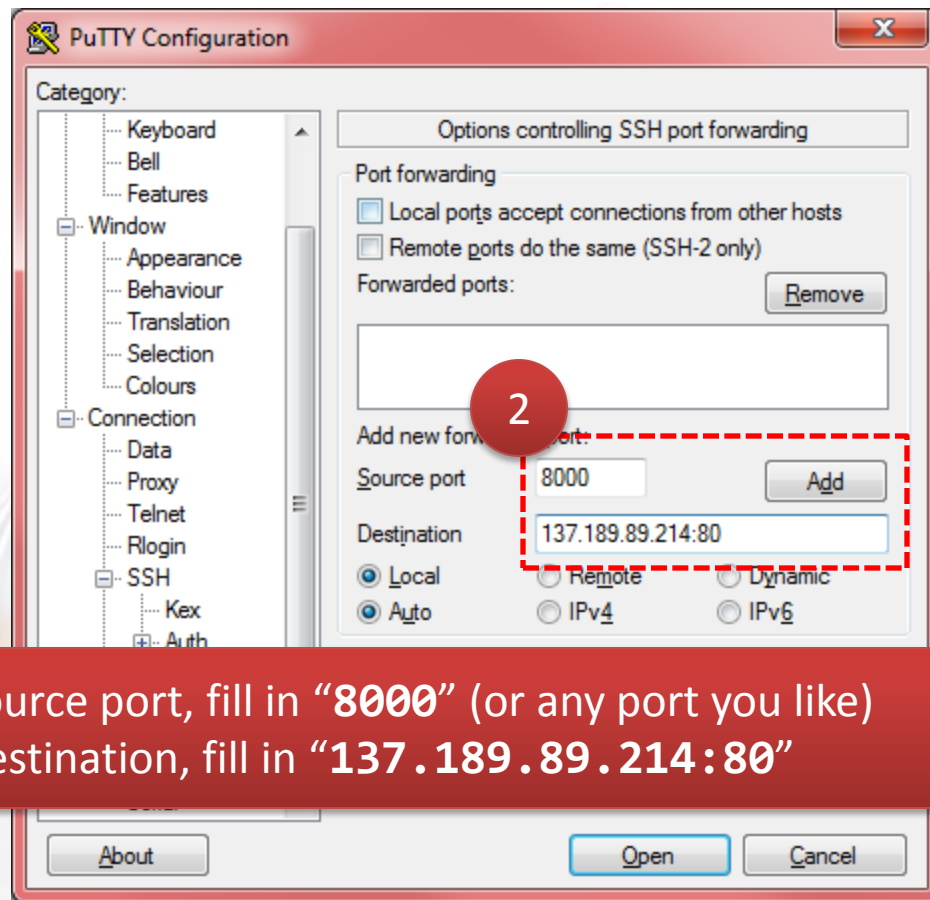
# Connecting to OpenStack Dashboard

- For the VM management part,
  - Alternatively, you can use SSH port forwarding:
    - For Windows users, please use PuTTY:  
<http://the.earth.li/~sgtatham/putty/latest/x86/putty.exe>



# Connecting to OpenStack Dashboard

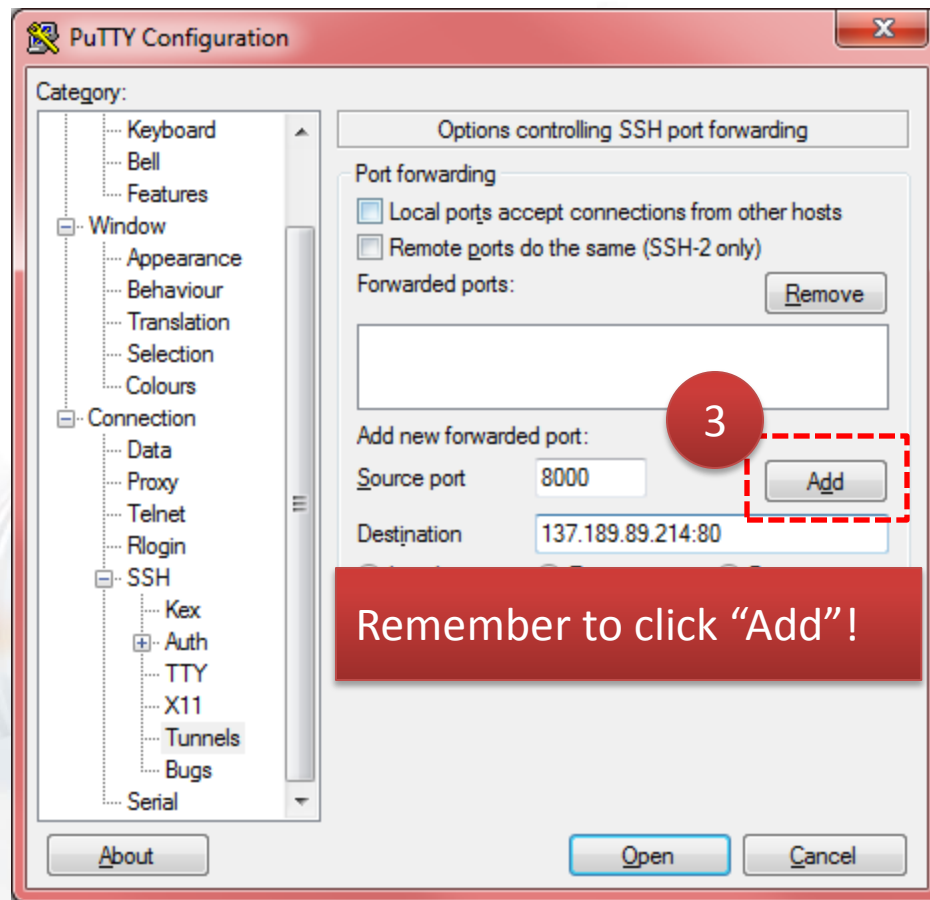
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In source port, fill in “8000” (or any port you like)  
In destination, fill in “137.189.89.214:80”

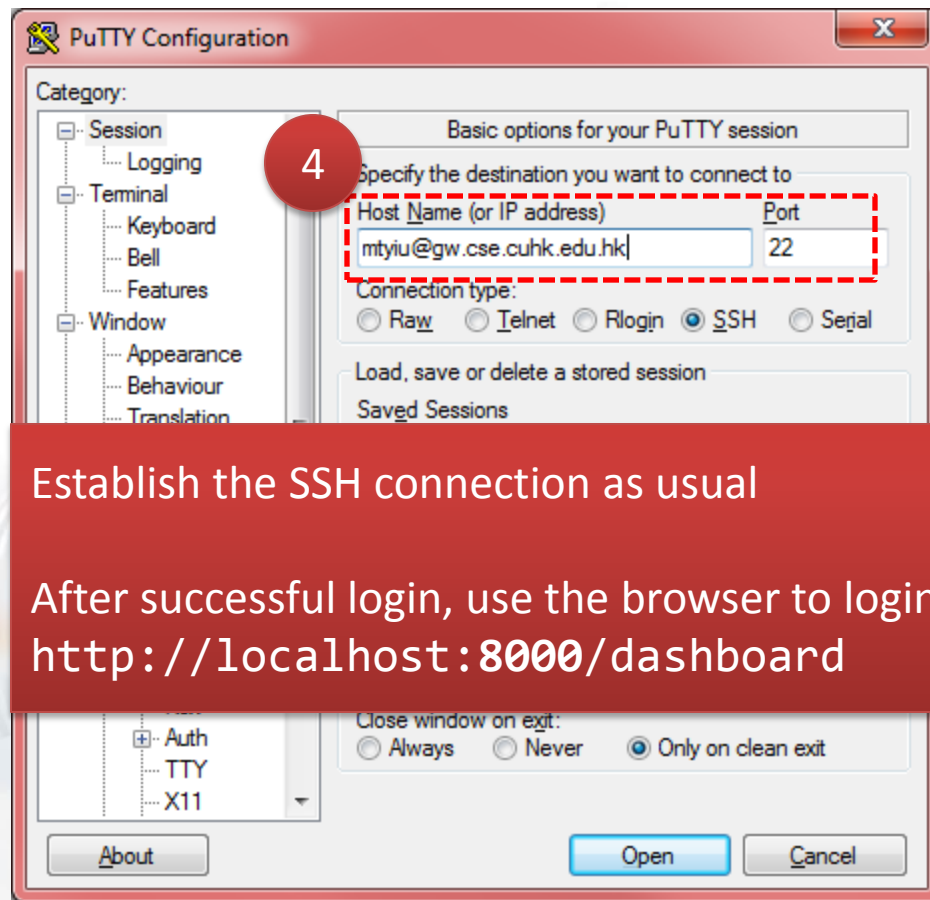
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# Connecting to the VM instance

## Steps:

1. Connect to CSE Gateway ([gw.cse.cuhk.edu.hk](http://gw.cse.cuhk.edu.hk))
2. Connect to any Linux (e.g. `linux1`) or SPARC machines (e.g. `sparc1`)
3. Connect to your own VM instance by following the instructions on <http://mtyiou.github.io/csci4180-fall15/#ssh>  
(e.g., Use the command “`ssh -p 12273 root@137.189.89.214`” to connect to the VM whose IP is 10.10.11.73)

