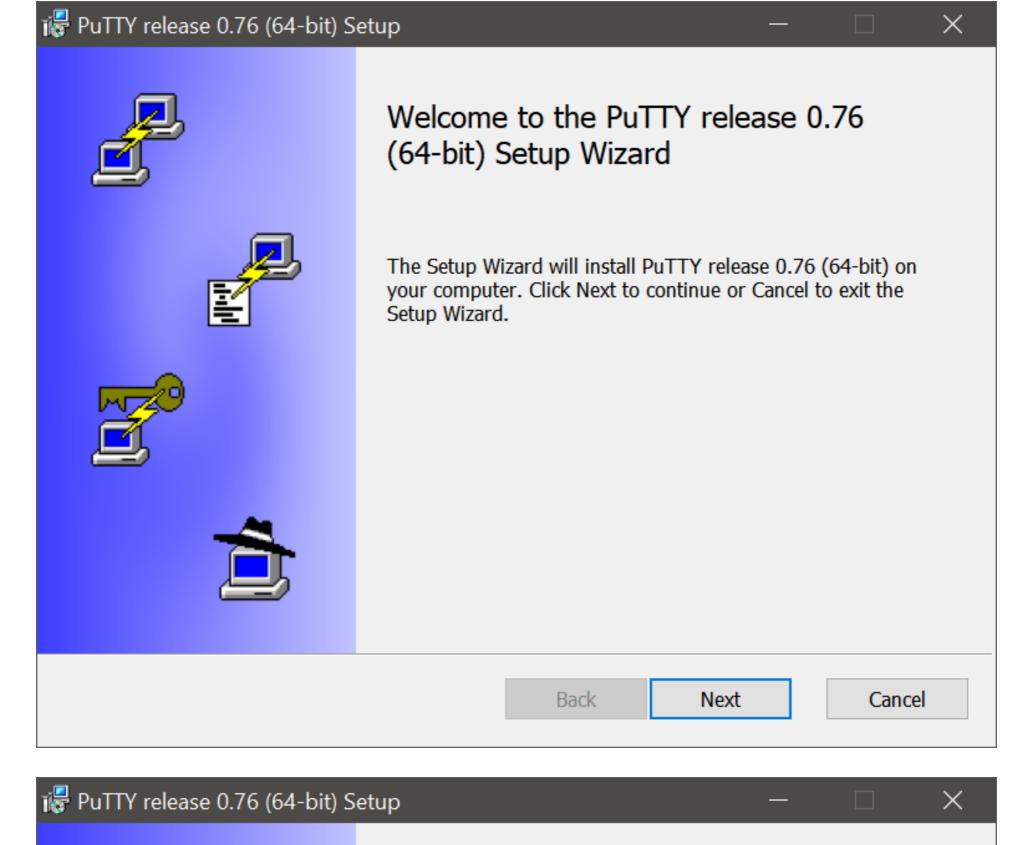
Connect to DS105 cloud server

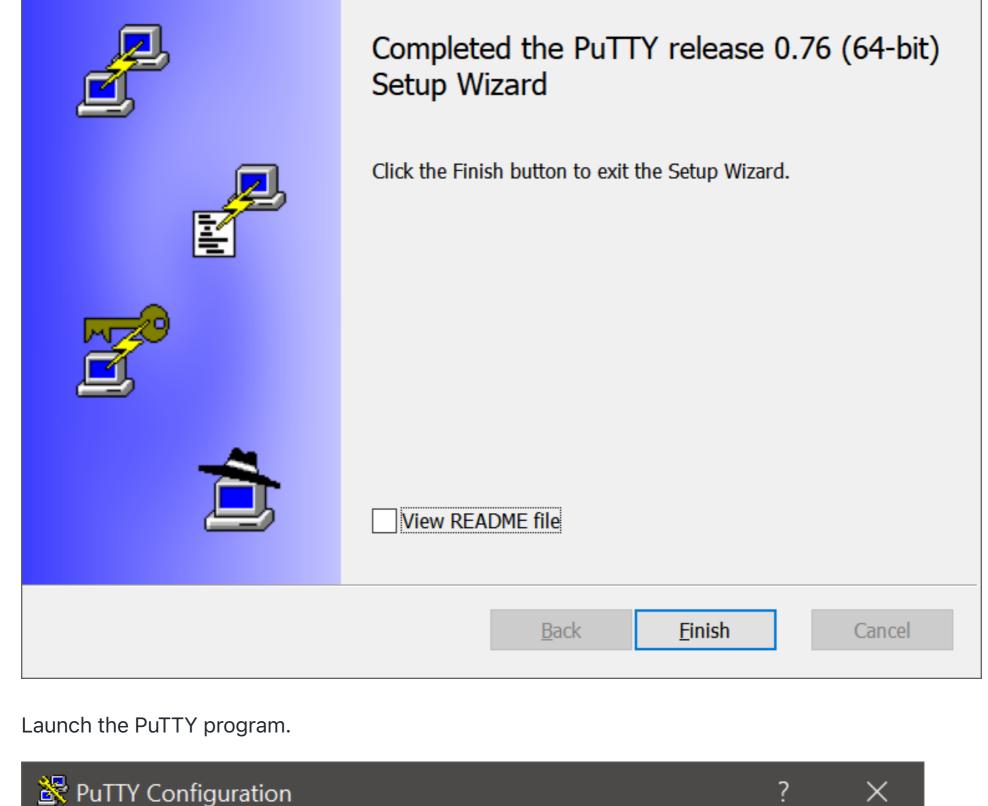
A cloud server has been setup for ds105 class. To connect to it, you need to setup a ssh connection.

There are many ssh clients. In this guide we will give some examples.

PuTTY is a free SSH client. To use it, download and install on your system first.

Run the installer and follow the instructure to install it.





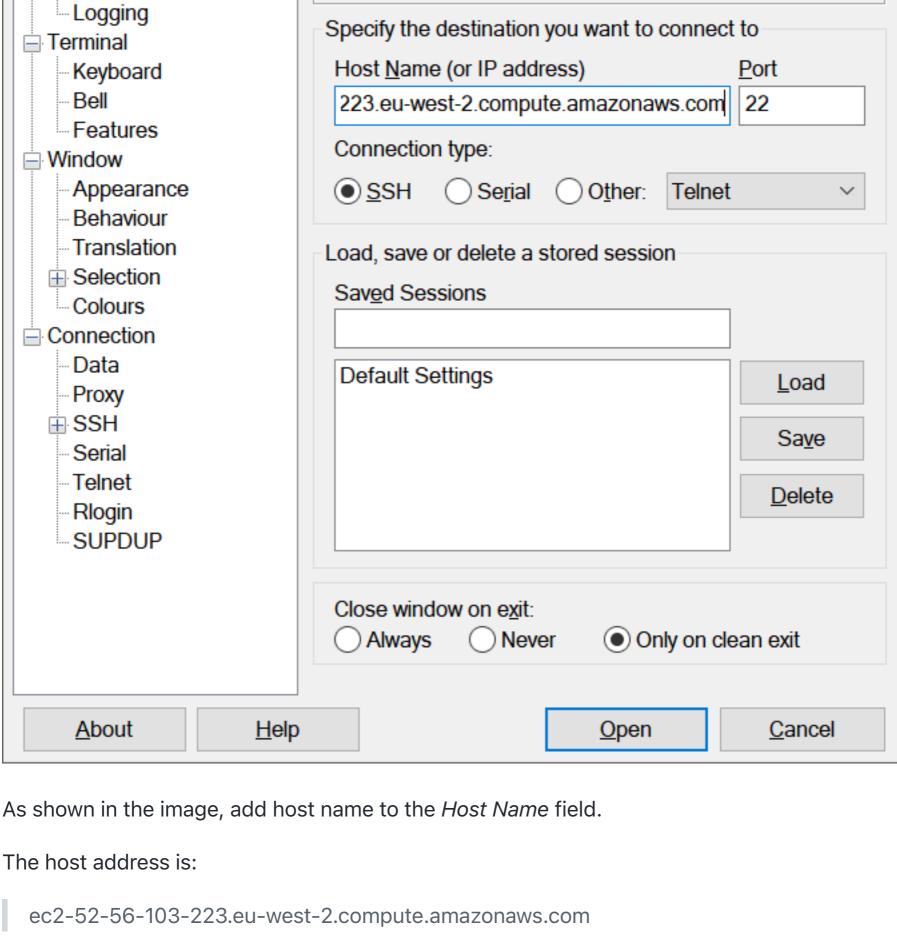
Basic options for your PuTTY session

X

Terminal

Category:

- Session



The server's host key is not cached in the registry. You have no

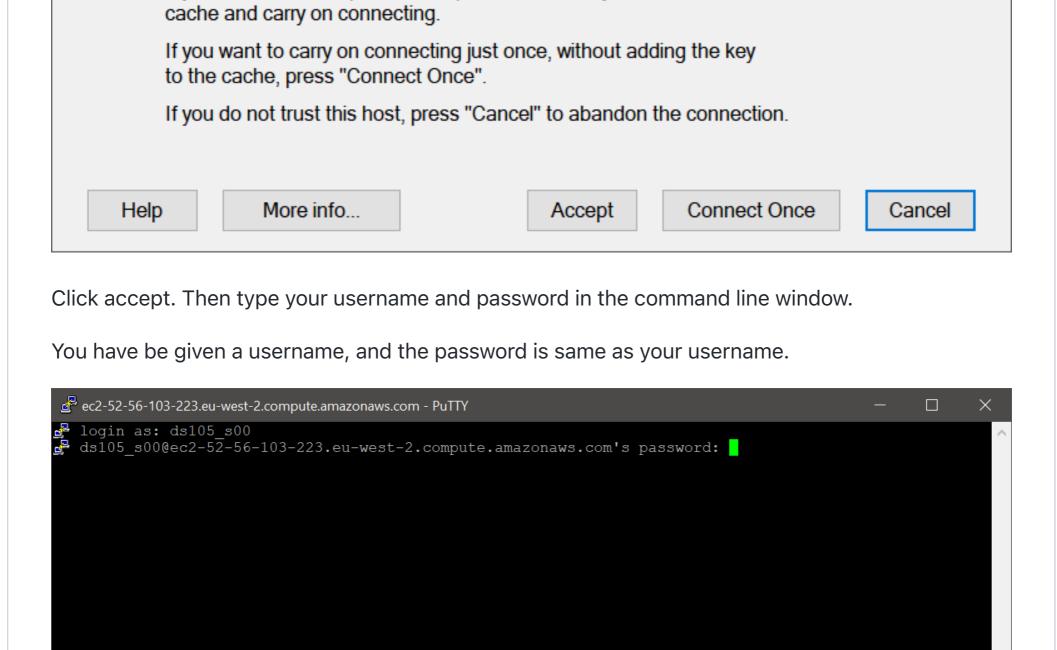
The server's ssh-ed25519 key fingerprint is:

PuTTY Security Alert

Then click open. And a security alert may be prompt up as following.

guarantee that the server is the computer you think it is.

If you trust this host, press "Accept" to add the key to PuTTY's



ssh-ed25519 255 SHA256:2IX8x8eH3GGSnVRnQPckxQgvbSAHIxEv+USrq/3FcYY

You will see the following message. The first time you login, you need to give a new password for your account. Type your current password and then make a new password as instructed. Note that it may fail to update the password because the password is too simple. Try to make more complex pattern in this case. It is recommended to have at least 8 characters with the combination of letters and numbers. 💣 ec2-52-56-103-223.eu-west-2.compute.amazonaws.com - PuTTY 🛃 login as: ds105 s00 ds105 s00@ec2-52-56-103-223.eu-west-2.compute.amazonaws.com's password: You are required to change your password immediately (administrator enforced) Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-1045-aws x86_64) * Documentation: https://help.ubuntu.com * Management: https://landscape.canonical.com https://ubuntu.com/advantage This system has been minimized by removing packages and content that are not required on a system that users do not log into.

You must change your password now and login again! Changing password for ds105_s00. Current password:

Note that once the password is updated, the connection will be closed and you need to reopen a

To restore this content, you can run the 'unminimize' command. Last login: Wed Oct 13 15:55:48 2021 from 158.143.230.238

WARNING: Your password has expired.

```
connection use PuTTY. You will see the following screen once your login is succesful.
 ₫ ds105_s00@55f279921cbb: ~
🗗 login as: ds105 s00
ds105 s00@ec2-52-56-103-223.eu-west-2.compute.amazonaws.com's password:
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-1045-aws x86 64)
 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
This system has been minimized by removing packages and content that are
not required on a system that users do not log into.
To restore this content, you can run the 'unminimize' command.
Last login: Wed Oct 13 16:06:48 2021 from 158.143.230.238
ds105 s00@55f279921cbb:~$
```

Connect using command line

Replace <username> with your username

If you are using MacOS or WSL, you can connect to the server using the command line. Open your terminal, and type the following command:

\$ ssh <username>@ec2-52-56-103-223.eu-west-2.compute.amazonaws.com

```
🤇 ds105_s00@55f279921cbb: ~
jinshuai@LEGION7I:~$ ssh ds105_s00@ec2-52-56-103-223.eu-west-2.compute.amazonaws.com
ds105_s00@ec2-52-56-103-223.eu-west-2.compute.amazonaws.com's password:
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-1045-aws x86_64)
      Documentation: https://help.ubuntu.com
Management: https://landscape.canonical.com
Support: https://ubuntu.com/advantage
This system has been minimized by removing packages and content that are not required on a system that users do not log into.
To restore this content, you can run the 'unminimize' command.
Last login: Wed Oct 13 16:16:25 2021 from 158.143.230.238
ds105_s00@55f279921cbb:~$
```

The rest operation will be exactly the same as PuTTY.