



Pytorch 101 LAB –

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IBM WW Client Experience Centers

Code is here

<https://github.com/dustinvanstee/pytorch-examples>

Userid / password information

VPN userid= (provided by instructor)

VPN password = (provided by instructor)

Lab Url = (provided by instructor)

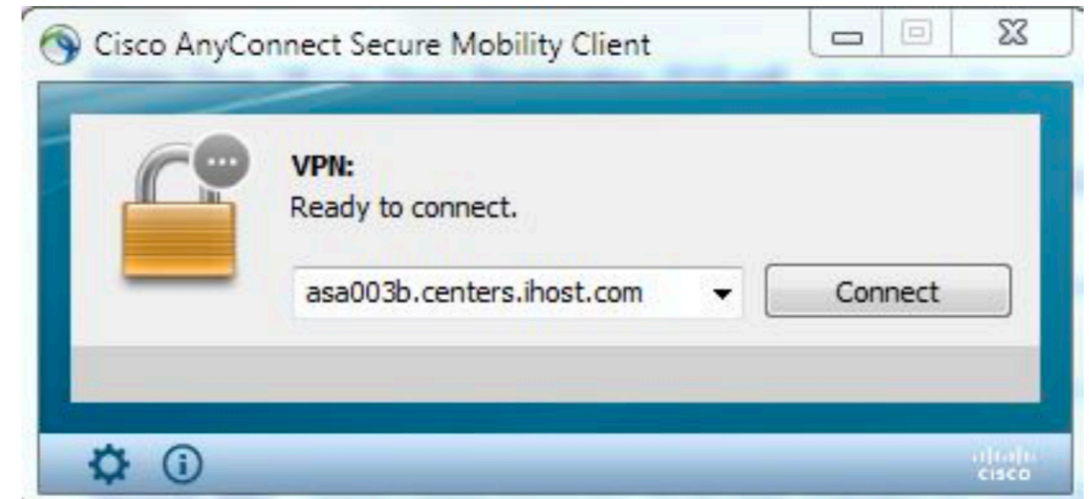
Lab Password = techulab

Step 1. Login to Client Center VPN, double click icon on desktop

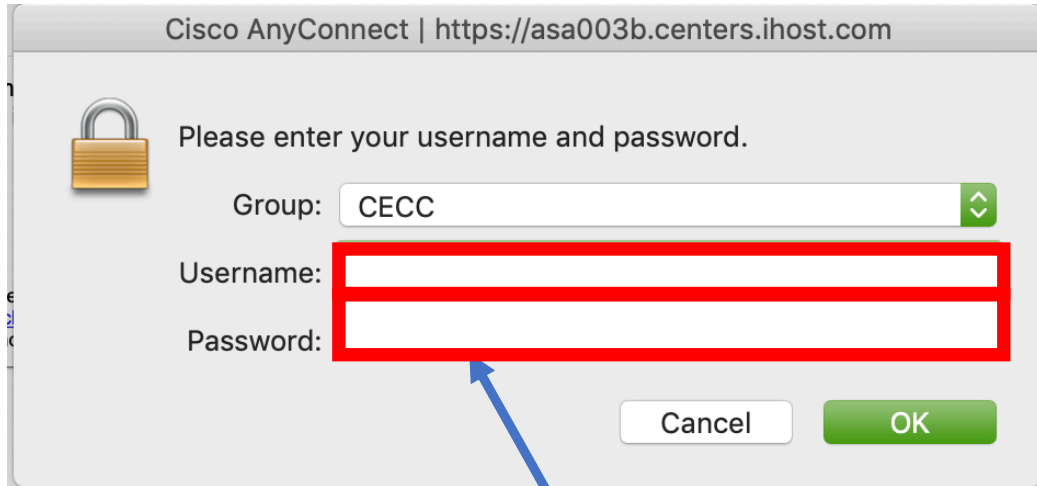


Step 2. In Cisco anyconnect type this URL and hit connect

<https://asa003b.centers.ihost.com>



Step 3. Select Group = ACC and enter VPN credentials (provided)



Cisco AnyConnect | <https://asa003b.centers.ihost.com>

Please enter your username and password.

Group:

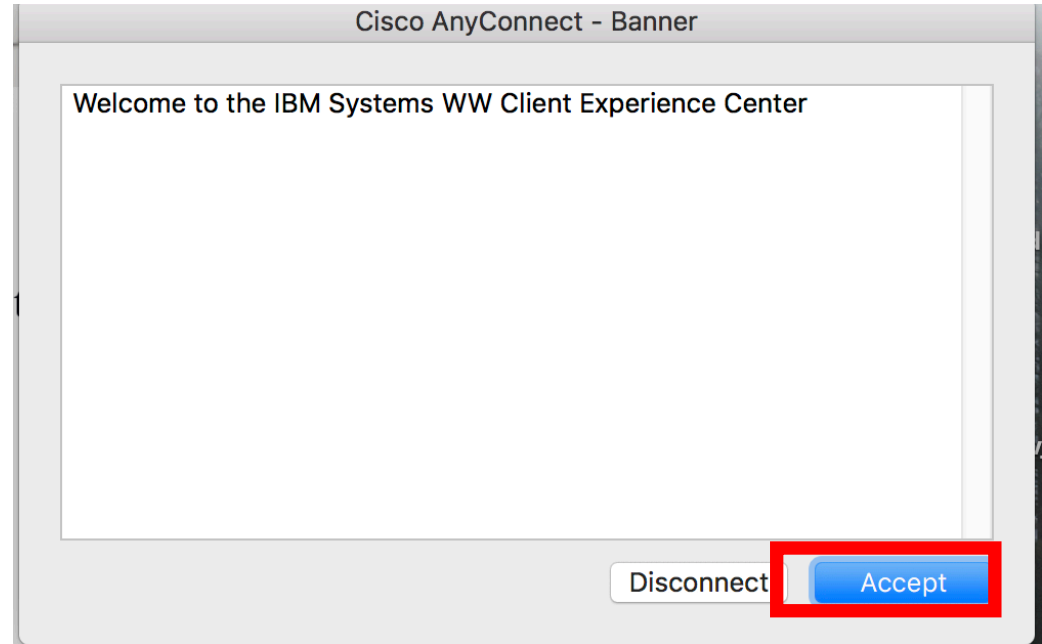
Username:

Password:

The image shows a login dialog box for Cisco AnyConnect. The title bar reads 'Cisco AnyConnect | https://asa003b.centers.ihost.com'. Below the title bar is a lock icon and the text 'Please enter your username and password.'. There are three input fields: 'Group' with the value 'CECC', 'Username', and 'Password'. The 'Username' and 'Password' fields are highlighted with a red rectangle. A blue arrow points from the text 'VPN userid/password' below to the 'Username' field.

VPN userid/password

Step 4. Click accept

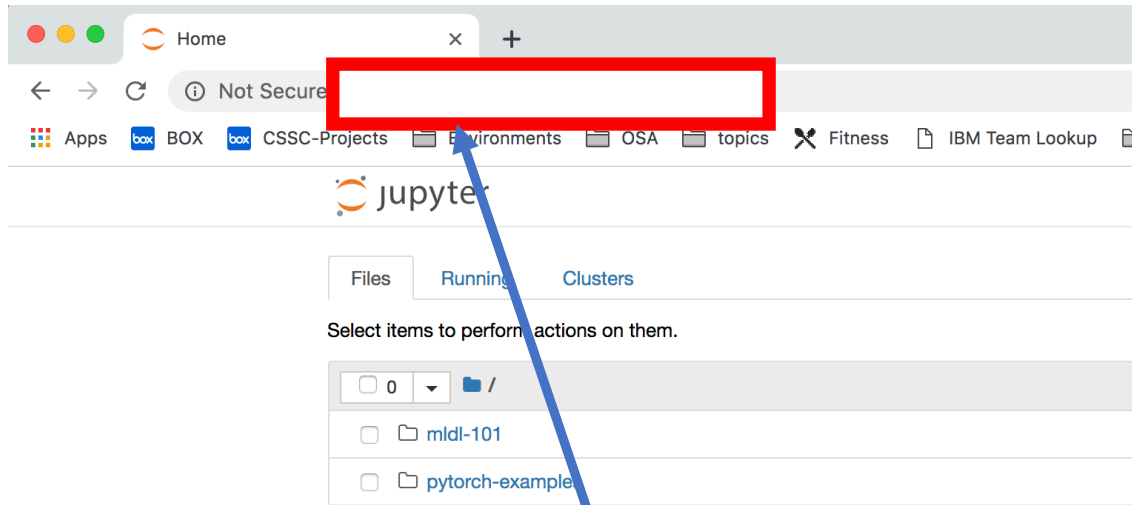


Cisco AnyConnect - Banner

Welcome to the IBM Systems WW Client Experience Center

The image shows a banner dialog box for Cisco AnyConnect. The title bar reads 'Cisco AnyConnect - Banner'. The main content area contains the text 'Welcome to the IBM Systems WW Client Experience Center'. At the bottom right, there are two buttons: 'Disconnect' and 'Accept'. The 'Accept' button is highlighted with a red rectangle.

Step 5. Enter LAB URL into browser(provided)
and enter password = **techulab**



Enter Lab URL

Step 6. Click 02_Pytorch_Vis_Deep_Learning.ipynb



Files

Running

Clusters

Select items to perform actions on them.

☐ 0



☐ nb_images

☐ 01_tensor_tutorial_v2.ipynb

☐ 02_Pytorch_Vis_Deep_Learning.ipynb

☐ 03_Pytorch_using_CIFAR10_Advanced.ipynb



IBM AI IMMERSION EXPERIENCE

2 Day Workshop

IMMERSIVE HANDS-ON SESSIONS USING ML/DL ON IBM GPU POWER
SERVERS FOR DATA ENGINEERS, DATA SCIENTISTS AND PRACTITIONERS



Sample Agenda

Day1

- State of AI and General Use Cases
- Machine Learning Overview
- Lab: hands-on with ML using H2O DAI
- Auto AI Demo
- Deep Learning – Applications in Computer Vision
- Lab: Object Detection with PowerAIVision
- Building an AI Platform (Infrastructure)

Day 2

- Deep Learning with NLP Overview
- Lab: Aspect Based Sentiment using FastAI & PyTorch
- Deep Learning with Computer Vision
- Convolutional Neural Networks
- GAN Overview
- Lab: MNIST Data Generation Using GAN

Attendees will gain an understanding of the most recent breakthroughs in deep learning and how to apply these techniques using open source deep learning frameworks and IBM AI software.

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Research
Utilities

Customize the topics & agenda.

<https://ibm.box.com/v/IBMAlimmersionTopics>

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