

1. Log into netlab.columbusstate.edu using the login provided on course website and initial password netlab123

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Not secure | netlab.columbusstate.edu

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NETLAB+®

Username

test6126

Password

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Login

[Forgot Password?](#)

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NETLAB+®

NETLAB+® provides remote access to lab equipment and curriculum. To access, you need a user ID and password, assigned by your instructor or local system administrator.

Personal firewall software can interfere with this application. If you experience login or port test failures, please disable your firewall software to determine if this is causing the problem.

Browser security settings can interfere with required features. It is recommended that you add the IP address (or host name) of this site to your browser's trusted site list. This application uses **Java™**, JavaScript, Cookies, Popup Windows, and IFRAMES. Please adjust your browser settings accordingly.

System	Web Browser	Version	Status
Windows	Mozilla Firefox	3.6.15	Supported
	Internet Explorer	8.0.6	Supported
	Apple Safari	5.0.2	Beta
	Google Chrome	7.0.517	Beta
Mac	Mozilla Firefox	3.6.15	Supported
	Apple Safari	5.0.2	Beta
Linux	Mozilla Firefox	3.6.15	Supported

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2. If you don't have Java installed, then install it and hit "Continue".

To test and install Java use https://www.java.com/en/download/help/index_installing.xml

NOTE: Chrome and Firefox and possibly other browsers other than Internet Explorer will not recognize Java even if it is installed on your computer. If you know for sure that you have it, click "Continue".

NDG


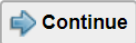

Login

**Java could not be detected on your computer.**

Oracle (Sun) Java is required to use NETLAB+.

This browser does not support the plugin required to detect your Java installation. Please make sure you have a recent, working version of Java installed before proceeding.

If Java is already installed on your computer, click the Continue button.

3. Choose a new password; one that you will remember

NDG

Change Password

[Logout](#)

Welcome **Test6126 Test6126**.

This is the first time you have logged into this account.


You will now be asked to provide some account settings. These can be changed later.

Please select a new password for this account.

New Password

Retype New Password

show help tips ☐



4. Keep email address blank and hit "OK".

NDG

Change E-mail Address

Logout

Please enter a valid e-mail address.

You can leave this blank if you do not want to receive e-mail from the system.

E-mail Address

show help tips ☐


☒ OK

5. Set the date and time according to your location and hit "OK".

NDG

Date and Time Settings

Logout



Enter your preferences for dates, times, calendars and clocks.

When traveling, you can change your time zone to match the local time.

Time Zone

(GMT-05:00) Eastern Time (US & Canada) ▼

Clock Preference

☒ Digital Clock

☐ Analog Clock (not supported in Microsoft Internet Explorer)

Time Display Format

☒ 12 Hour (AM/PM)

☐ 24 Hour

First Day of Week

☒ Sunday

☐ Monday

☐ Tuesday

☐ Wednesday

☐ Thursday

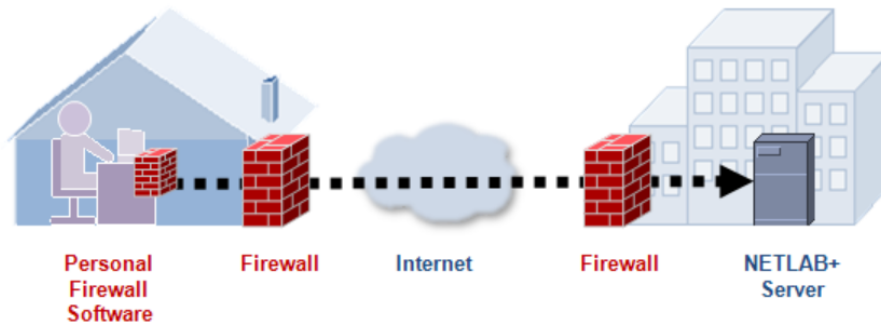
☐ Friday

☐ Saturday

show help tips ☐

☒ OK

- Click "Start Remote Access Test". You need to do this every time you use Netlab.



NETLAB+ will now conduct a Remote Access Test to determine if Java is working properly and to ensure your computer can connect to the NETLAB+ server without firewall interference.

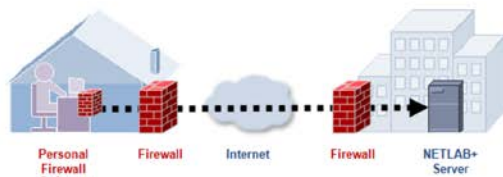
After clicking Start below, you may be prompted with security confirmation questions by your browser, by Java, and your personal firewall software.

Please allow the Remote Access Test to download, to run, and let connections proceed.

You may be offered options to "always allow" or "always trust" for this NETLAB+ site. These options may eliminate the need to answer the same security questions each time you login into this NETLAB+ server in the future.



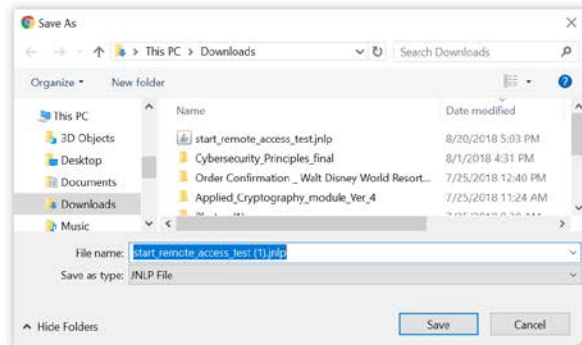
- The following screen will appear. Hit Save.



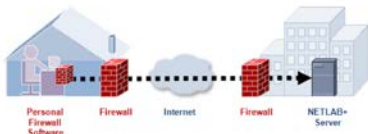
RUNNING REMOTE ACCESS TEST

Please allow the Remote Access Test to download, to run, and let connections proceed.

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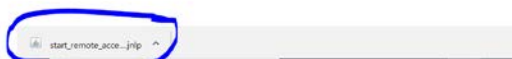
Depending on your browser the file may appear at the bottom as in the blue oval in the screenshot below. Double-click the file to open it. In some browsers, it may give you the option to Open the file. Open it.



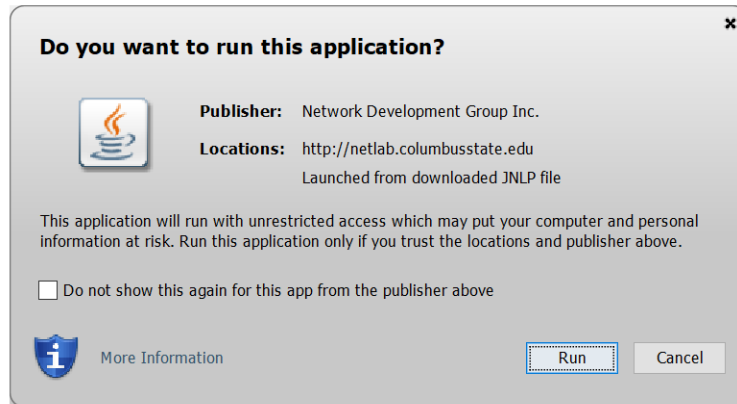
RUNNING REMOTE ACCESS TEST

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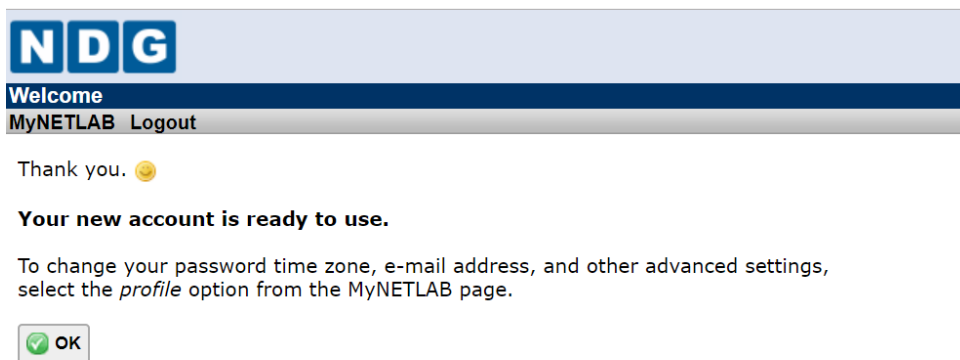
8. When you open the file, after a short while you'll get this pop-up. Click "Run".



9. You will get this screen. Click "OK"

NOTE: If you don't get this screen or get an error message, your computer may not have been configured to recognize .jnlp files; that the file needs to be opened with Java. To configure it, use the link below:

https://blackboard.secure.force.com/btbb_exportarticlepdf?id=kA770000000CbF5CAK




10. Click on “Scheduler” box.


NDG


MyNETLAB
File Scheduler Profile Chat Logout Help


Welcome to NETLAB+®.


Lab Reservations
There are no relevant lab reservations to display at this time.
[Refresh](#) this page to check for recently scheduled labs.


Scheduler

Reserve lab time or check the schedule.

File Manager

Manage device configuration files.

Profile

Change your personal settings.

Chat (beta)

Chat with other users.


Logout


Help

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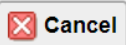
11. Click on the class name “Fall18CPSC6126Peker”

NDG

Scheduler
MyNETLAB Logout

Select Class
You are a member of the following class(es).
Please select the class the lab work is for.

Class Name	Lead Instructors	# Enrolled	Start Date	End Date
⊕ Fall18CPSC6126Peker	Yesem Peker	1	None	None




12. Choose the lab that you are assigned. If you are not assigned a specific lab, choose any lab.




Scheduler

MyNETLAB Logout

Select Lab Exercise

Click  to schedule a lab from the list below.































Click  to preview the lab another window.

The list below only shows labs that can be completed based on the classes you are enrolled in and the installed lab equipment on this system.

The lab exercise you select will determine the pod type, logical topology, and initial configuration. A lab may be listed more than once if the lab is supported on different installed pod types.

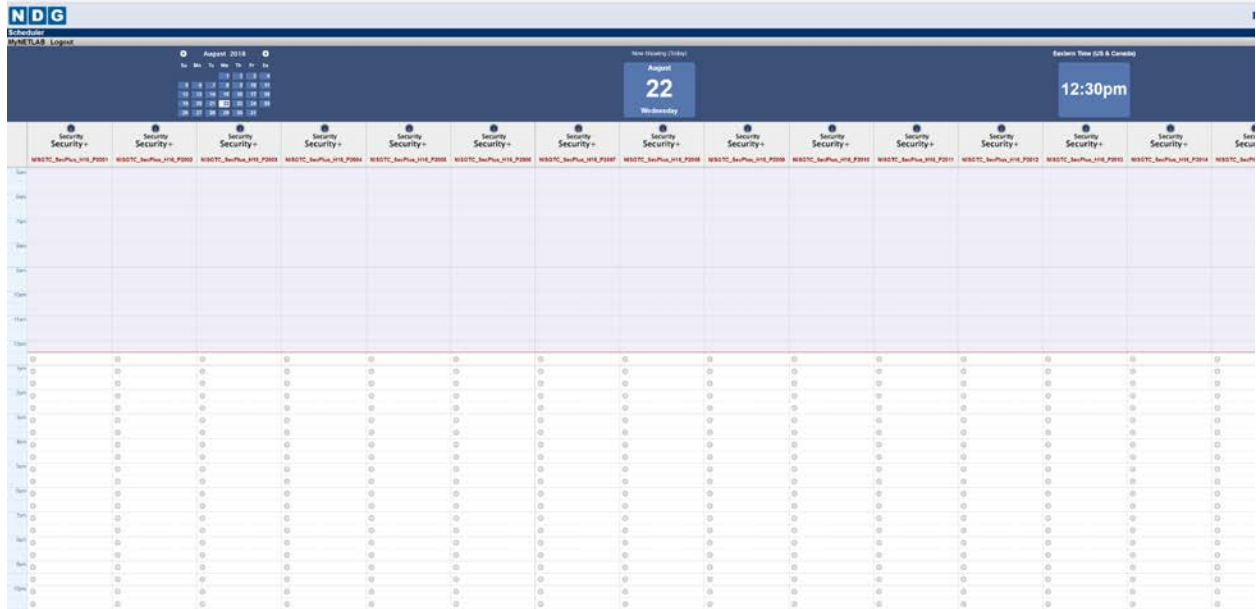
10 minutes of your scheduled lab time limits shown will be used to save your work and prepare the lab for the next time slot.

NISGTC Security+

 Lab 01: Network Devices and Technologies- Capturing Network Traffic	NISGTC Security+	up to 4 hours	
 Lab 02: Configuring the pfSense Firewall	NISGTC Security+	up to 4 hours	
 Lab 03: Protocols and Default Network Ports - Connecting to a Remote System	NISGTC Security+	up to 4 hours	
 Lab 04: Secure Implementation of Wireless Networking	NISGTC Security+	up to 4 hours	
 Lab 05: Incident Response Procedures	NISGTC Security+	up to 4 hours	
 Lab 06: Secure Network Administration Principles Log Analysis	NISGTC Security+	up to 4 hours	
 Lab 07: Analyze and Differentiate Types of Attacks and Mitigation Techniques	NISGTC Security+	up to 4 hours	
 Lab 08: Mitigation and Deterrent Techniques - Password Cracking	NISGTC Security+	up to 4 hours	
 Lab 09: Identifying and Analysing Network/Host Intrusion Detection System (NIDS/HIDS) Alerts	NISGTC Security+	up to 4 hours	
 Lab 10: Analyze and Differentiate Types of Malware and Application Attacks	NISGTC Security+	up to 4 hours	
 Lab 11: Discovering Security Threats and Vulnerabilities	NISGTC Security+	up to 4 hours	
 Lab 12: Importance of Security - Securing Data Using Encryption Software	NISGTC Security+	up to 4 hours	
 Lab 13: Analyzing Types of Web Application Attacks	NISGTC Security+	up to 4 hours	
 Lab 14: Authentication, Authorization and Access Control	NISGTC Security+	up to 4 hours	
 Lab 15: Implementing Common Protocols and Services for Basic Security Practices	NISGTC Security+	up to 4 hours	
 Lab 16: General Cryptography Concepts	NISGTC Security+	up to 4 hours	

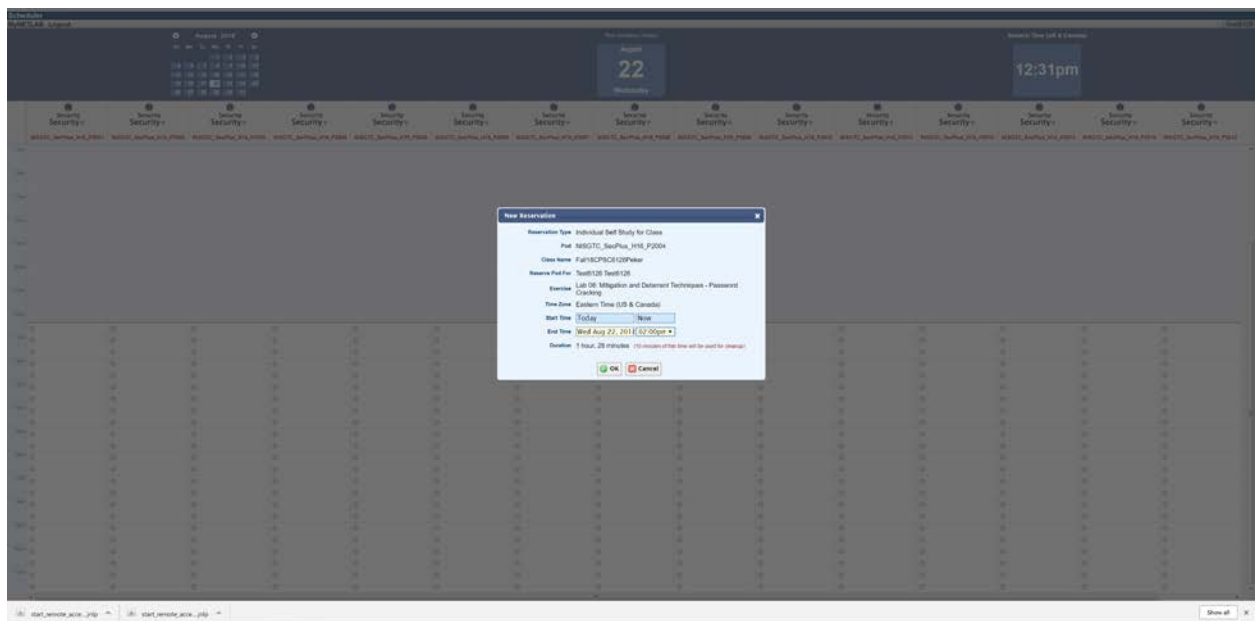
 Cancel

- Schedule the time for when you want to do the lab by clicking on the schedule for that that time. You can schedule a maximum of 3 hours at a time. Note that the last 10 minutes of every reservation is taken by the system for clean-up.

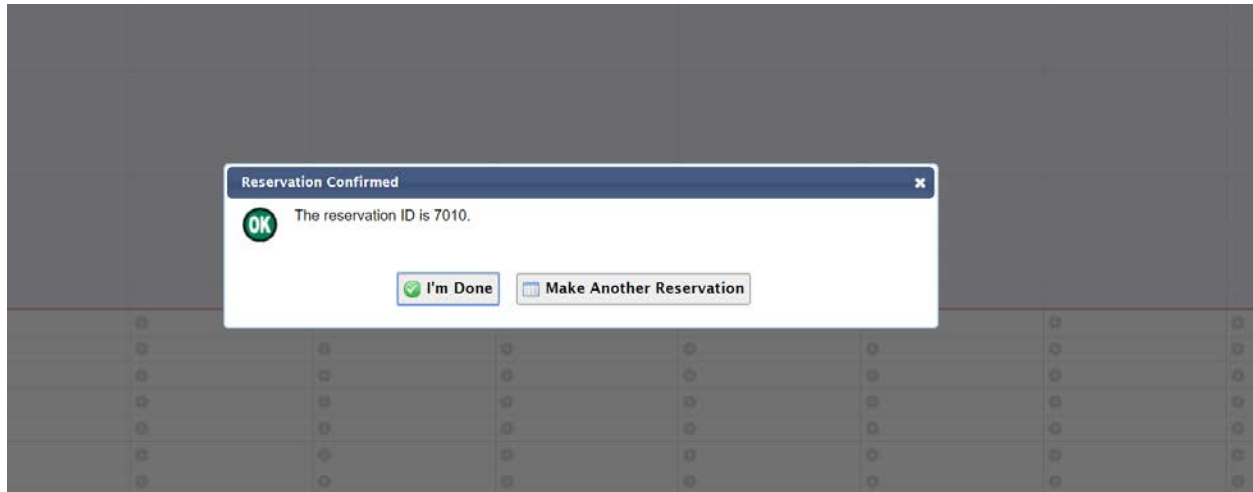


When you click on a time, you get a screen as below. If you have clicked at right under the line, the reservation starts Now; otherwise it will show the time you reserved for.

Click OK.



14. Click “I’m Done”



15. Because my reservation starts “Now”, I have an “ENTER LAB” button for my reservation. If you have reserved for a later time, this button will not show now but when it is time.



Hit “ENTER LAB”


A screenshot of the MyNETLAB web interface. At the top is the 'NDG' logo and the text 'MyNETLAB'. Below this is a navigation bar with links: 'File', 'Scheduler', 'Profile', 'Chat', 'Logout', and 'Help'. A welcome message 'Welcome to NETLAB+®.' is displayed. The main section is titled 'Lab Reservations' and contains a table with the following data:

ID	Date /Time	Description	Pod
7010	NOW 12:32PM - 2:00PM	Test0126 Test0126 (test0126) Class: Fall18CPSC6126Peker	NISGTC_SecPlus_H16_P2004 Security Security+

Below the table, there is a button labeled 'ENTER LAB'. A message below the table says 'Refresh this page to check for recently scheduled labs.' At the bottom, there are four icons with labels: 'Scheduler' (Reserve lab time or check the schedule.), 'File Manager' (Manage device configuration files.), 'Profile' (Change your personal settings.), and 'Chat (beta)' (Chat with other users.). Below these are 'Logout' and 'Help' links. The footer text is 'Copyright © Network Development Group, Inc.'

16. Wait. This may take a minute or so.

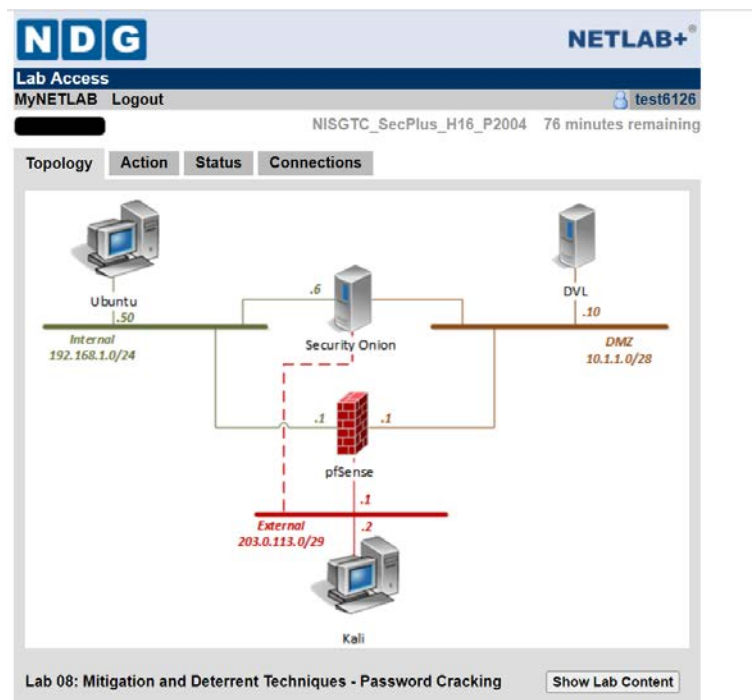


Lab Access
MyNETLAB Logout  test6126

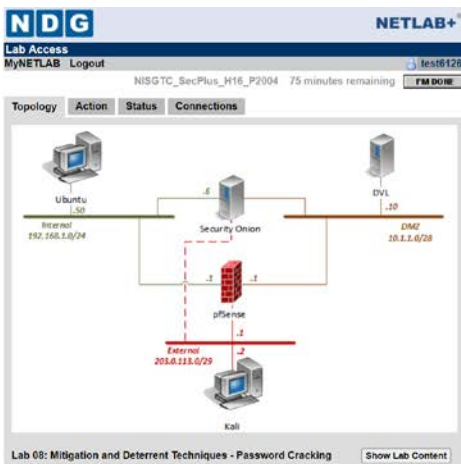
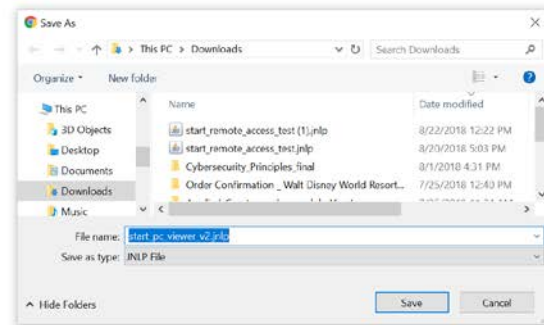
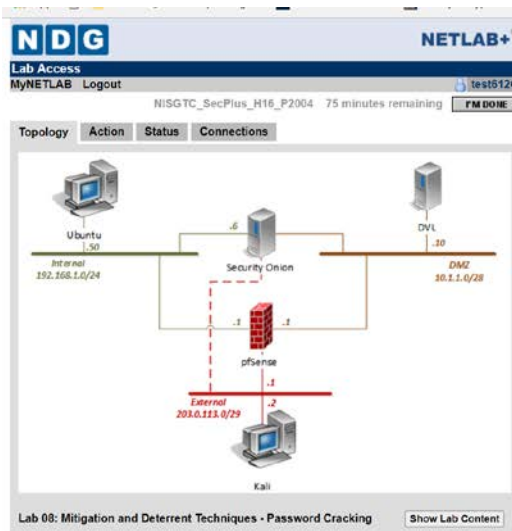
STARTING EQUIPMENT POD - PLEASE WAIT

[Return to MyNETLAB](#)

17. Click on the machine that the lab instructs to start.



18. As in the beginning, a .jnlp file will be downloaded and you need to run it.



19. You now have access to the machine. Use the credentials provided in the lab to log into the machine.

