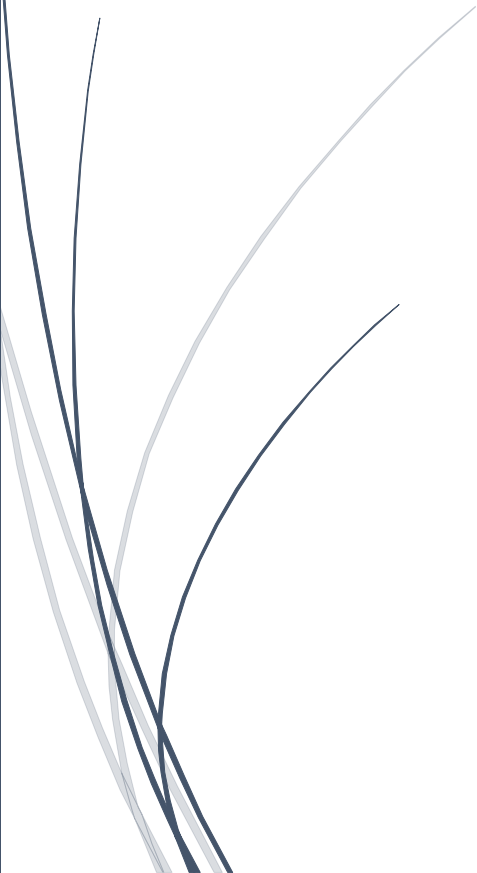




CS Labs User Manual



Created by the IUS Computer Science Group
Documentation Guide by Alex Stiner

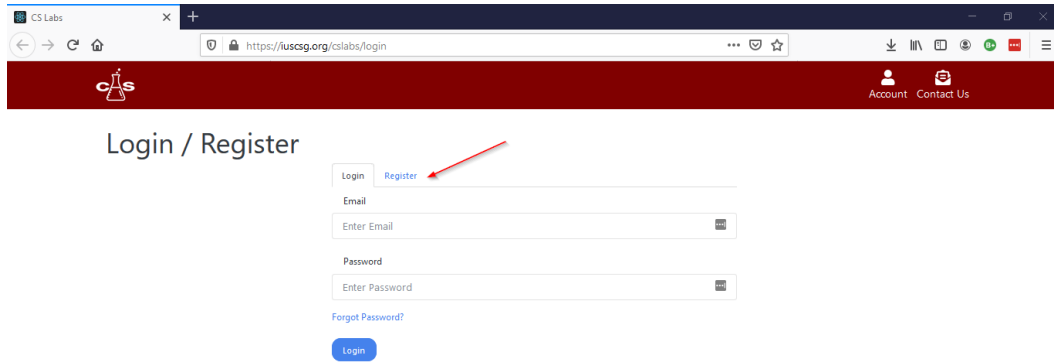
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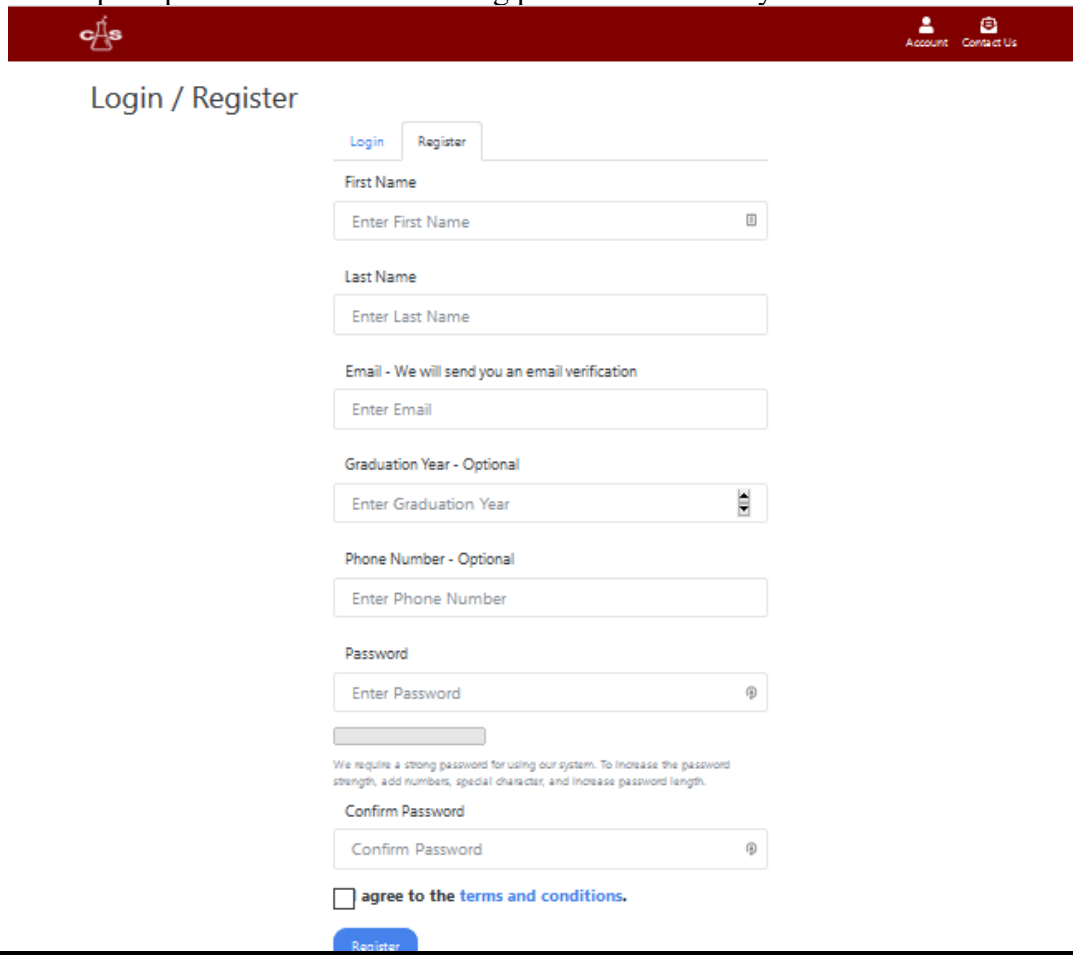
Setting Up Account

Step 1: Go to <https://iuscsg.org/cslabs/login>

Step 2: Register or Log in to CS Labs account. If you have not previously used CS Labs site then you will need to create an account at the register tab, which is shown below.



Step 3: If registering for the first time you will need to complete all the information and submit. Follow the prompts. You will need a strong password for this system and a valid email address.



Step 4: If you are a new user, once you registered your login page will not include any modules. You will need to obtain modules link from your instructor.



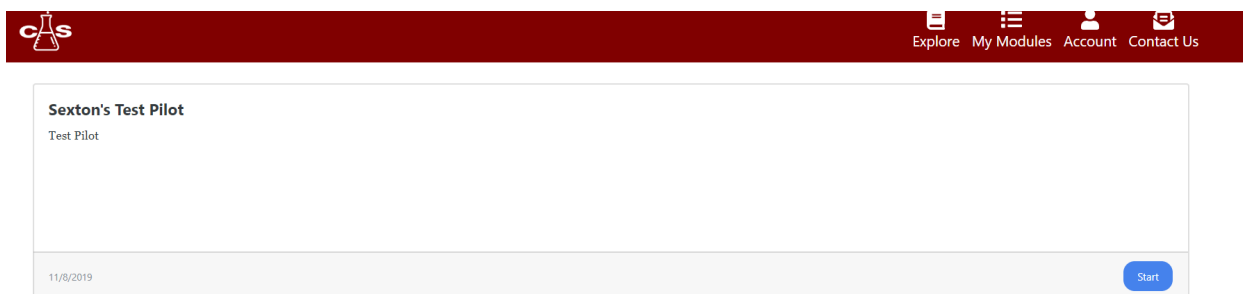
My Modules

You do not have any modules

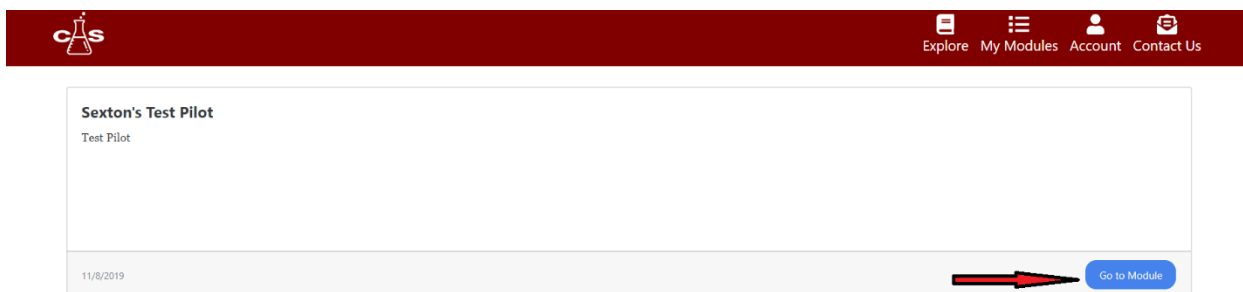
To get modules, open a link given by your instructor.

Accessing Private Module

Step 1: Log into your account. You will need the access link to reach the module for your course from your instructor. That link will need to be included in your internet browser.



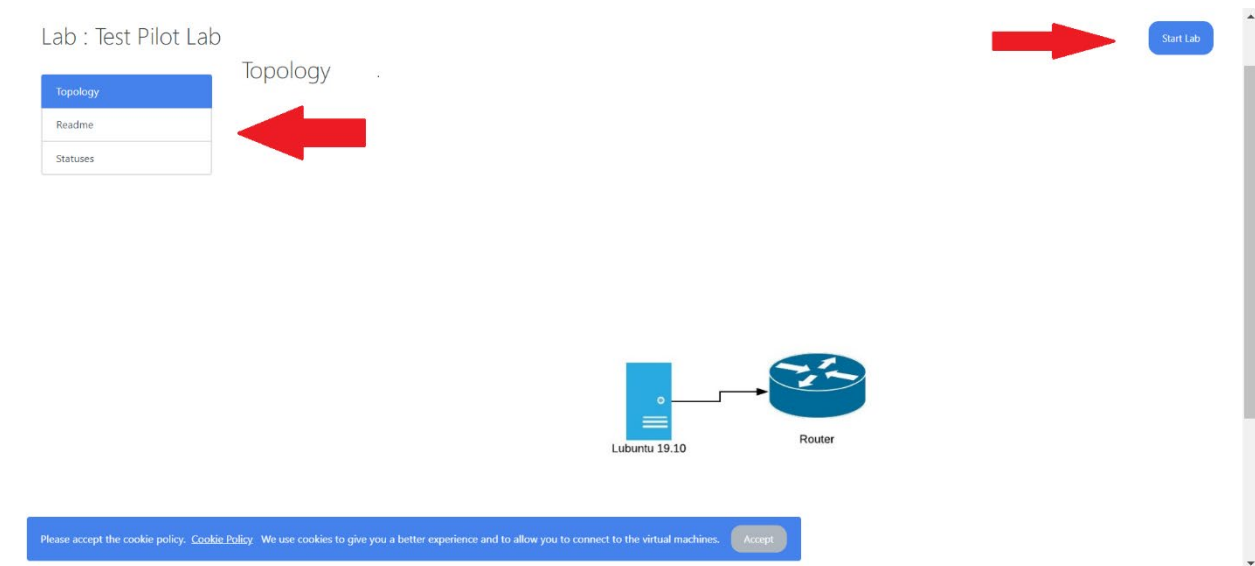
Step 2: To continue to the module click on go to Module button.



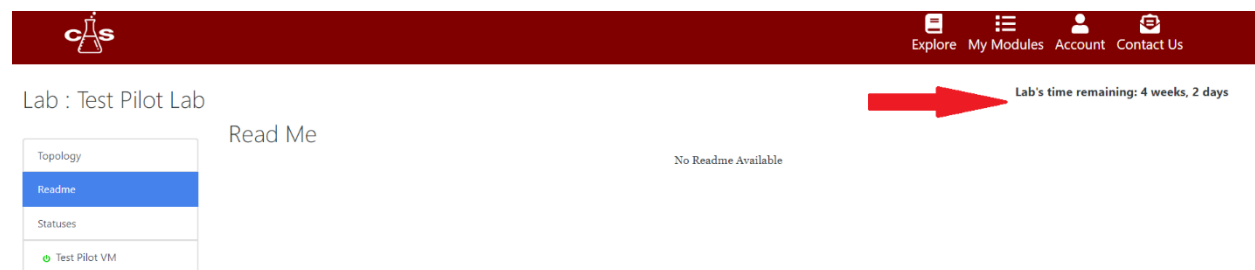
Step 3: To get started in the module you will have to click on the link to get started.



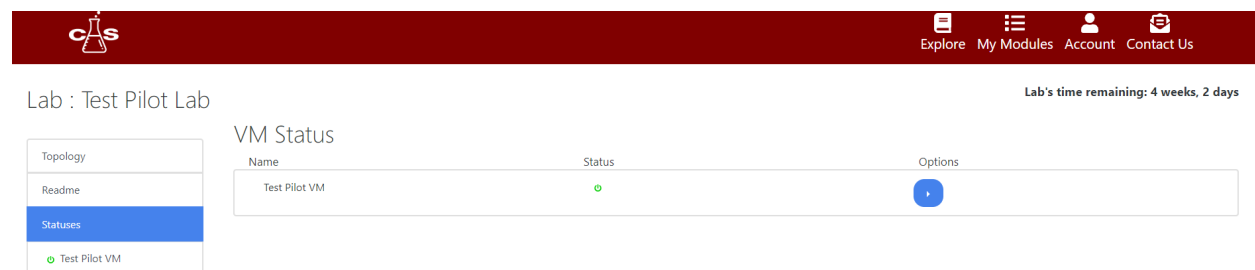
Step 8: There will have an opening page before starting the lab. There is a readme and statuses section on the left-hand side with more details. The status section will not show anything until entering in the lab. The right-hand side includes the Start Lab button of the module.



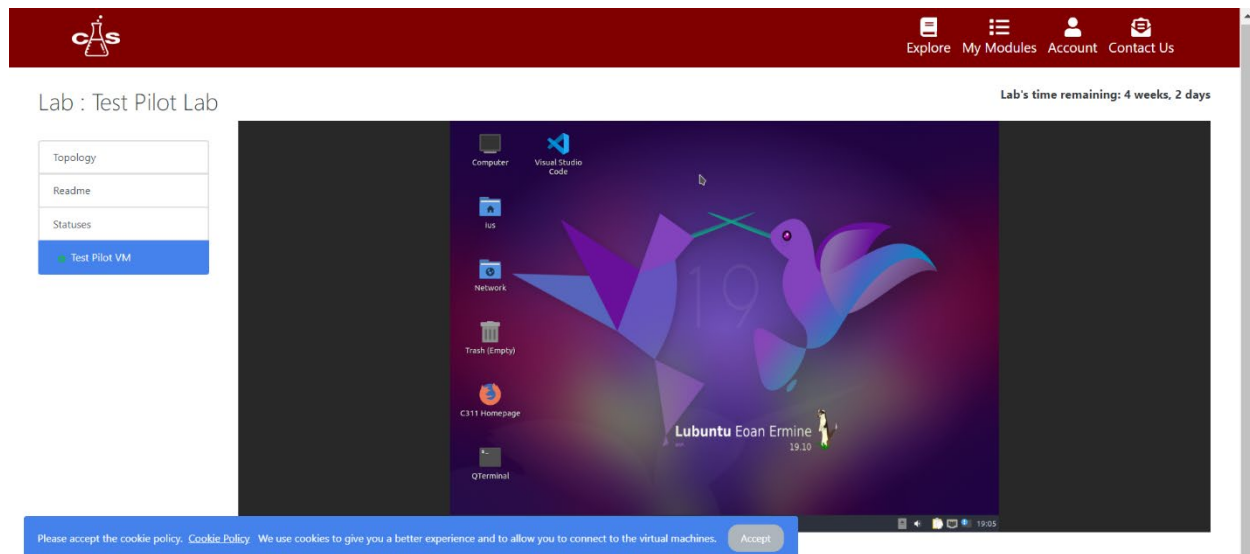
Step 4: After clicking the Start Lab button the lab time availability remaining will show in the right-hand side.



Step 5: You can review the status of your machine after starting the Lab.



Step 6: To get to the Lab page to complete your task go to the last tab on the left-hand side. You will then be taken to a virtual machine interface.



Step 7: To log out just go to my account tab in the right-hand corner, which will take you to the log out page.

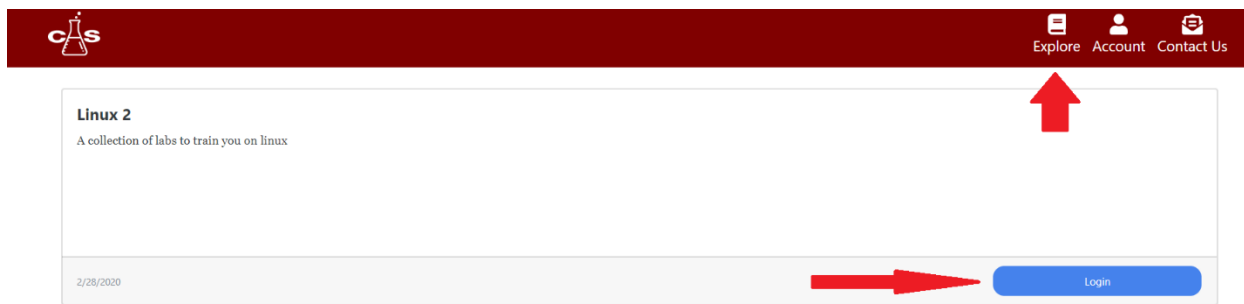


Accessing Public Modules

Step 1: Go to <https://iuscsg.org/cslabs/login>

Step 2: You can access public modules by clicking on the explore link.

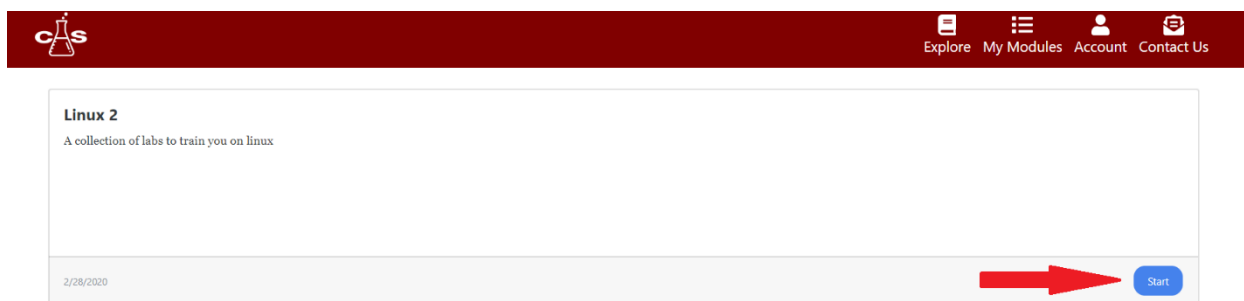
NOTICE: If you are not already logged into your account you will be taken to this page below.



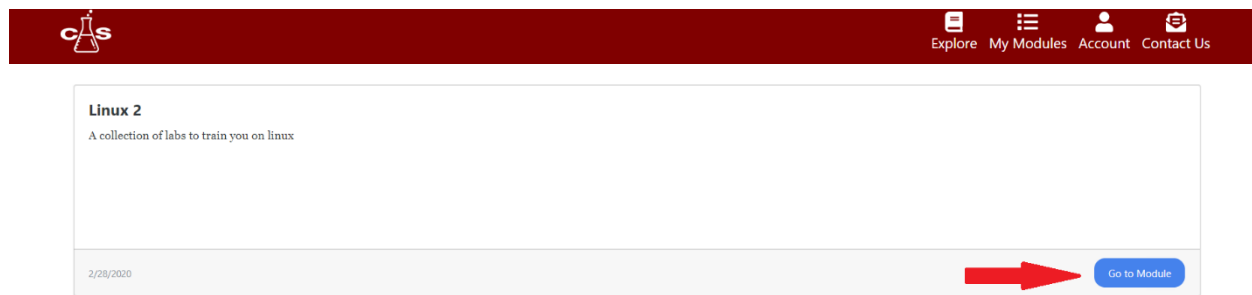
Step 3: Login into your account. To access the Lab, click the view button.



Step 4: To get started in the module you will have to click on the link to get started.



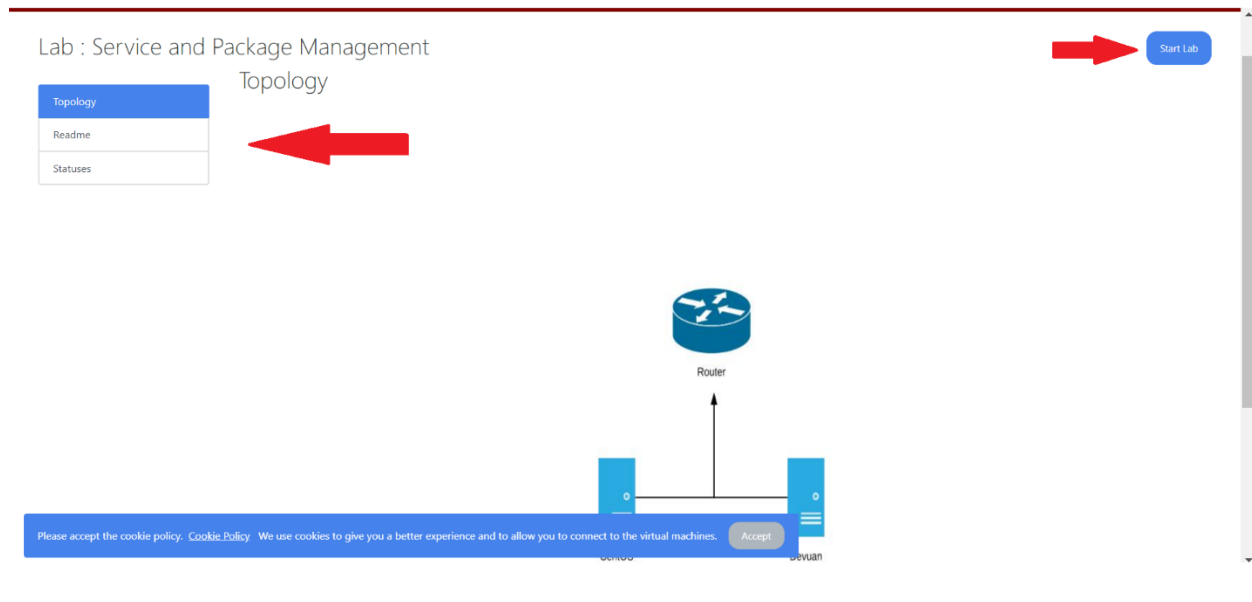
Step 5: To continue to the module click on go to Module button.




Step 6: To get started in the module you will have to click on the link to get started.



Step 7: There will have an opening page before starting the lab. There is a readme and statuses section on the left-hand side with more details. The status section will not show anything until entering in the lab. The right-hand side includes the Start Lab button of the module.





[Explore](#)
[My Modules](#)
[Account](#)
[Contact Us](#)

Lab : Service and Package Management

Topology

Topology


Readme

Statuses

CentOS

Devuan


Lab's time remaining: 4 weeks, 2 days



Router

Please accept the cookie policy. [Cookie Policy](#) We use cookies to give you a better experience and to allow you to connect to the virtual machines. [Accept](#)

Devuan:



Explore

My Modules

Account

Contact Us

Lab : Service and Package Management

Lab's time remaining: 4 weeks, 2 days

Topology

Readme

Statuses

CentOS

Debian

```

[ ok ] Activating nmap... done.
[ ok ] Activating hup and md_nmap... done.
[ ok ] Checking file systems... Done from wsl-linux 2.29.2

[ ok ] Cleaning up temporary files... done.
[ ok ] Removing local file systems... done.
[ ok ] Activating nmapfile nmap... done.
[ ok ] Cleaning up temporary files... done.
[ ok ] Setting kernel tunables... done.
[ ok ] Configuring network interfaces... Internet Systems Consortium DHCP Client 4.3.5
Copyright 2004-2016 Internet Systems Consortium.
All rights reserved.
For info, please visit https://www.isc.org/software/dhcp/

Listening on LIF=eth0:2 ifconfig=0
Sending on LIF=eth0:2 ifconfig=0
Sending on Docker/falback
WCPKEX=0x00 on eth0 to 255.255.255.255 port 67 internet ?
MCPKEX=0x01 of 152.169.8.15 on eth0 to 255.255.255.255 port 67
MCPKEX of 152.169.8.15 from 152.169.8.1
MCPKEX of 152.169.8.15 from 152.169.8.1
Send to 152.169.8.15 - removed in 0.75 seconds.
done.
[ ok ] Cleaning up temporary files... done.
[ ok ] Setting up ALDP... done (no loaded).
NOTE: Entering fallback mode:
[info] Using mangle-ll-style conversion table in fallback 2.
[ ok ] Starting extended network - resolved.
[ ok ] Starting periodic command scheduler: cron.
[ ok ] Starting the UPN Balancer: balancer.
[ ok ] Starting NTP server: ntpd.

Debian GNU/Linux x86_64 debian-guix641161
Debian-guix641161 login: root (automatic) login:
Last login: Sat Feb 29 16:51:23 UTC 2020 on pts/0
Linux debian-guix641161 4.9.0-11-amd64 #156 Debian GNU/Linux
The programs included with the Debian GNU/Linux system are free software:
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent

```

Please accept the cookie policy. Cookie Policy We use cookies to give you a better experience and to allow you to connect to the virtual machines. Accept

CentOS:

The screenshot shows the 'Lab : Service and Package Management' interface. On the left, there is a sidebar with a table containing 'Topology', 'Readme', 'Statuses', 'CentOS', and 'Devuan'. The 'CentOS' row is highlighted. The main area displays a terminal window with the following output:

```
CentOS Linux 8 (Core)
Kernel 4.18.0-147.3.1.el8_1-x86_64 on an x86_64
crctm-systemd login: root (automatic login)
Last login: Sat Feb 29 02:02:54 on tty1
[root@centos:systemd ~]#
```

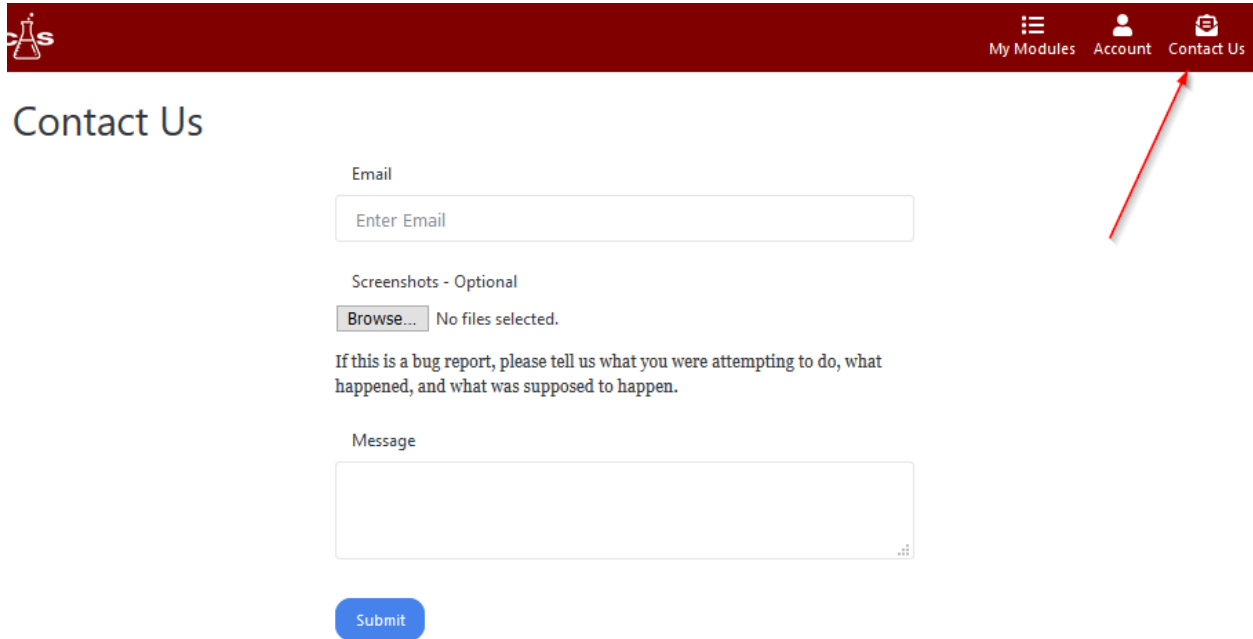
At the bottom, there is a blue cookie policy banner that says: 'Please accept the cookie policy. Cookie Policy We use cookies to give you a better experience and to allow you to connect to the virtual machines. Accept'.

Step 10: To log out just go to my account tab in the right-hand corner, which will take you to the log out page.

The screenshot shows the 'Account Management' page. At the top, there is a red navigation bar with the 'c/s' logo and four tabs: 'Explore', 'My Modules', 'Account', and 'Contact Us'. A red arrow points to the 'Account' tab. Below the navigation bar, the page title 'Account Management' is displayed. Underneath, there is a text input field labeled 'Your email address'. Below the input field, there is a 'Log Out' link. A red arrow points to the 'Log Out' link.

Contact Us Page

There is a contact us page if there are any issues or questions that arise with using modules.



The screenshot shows a web application interface. At the top is a dark red navigation bar. On the left of the bar is a logo featuring a stylized 'c' and 's' with a flask icon. On the right of the bar are three links: 'My Modules' with a hamburger menu icon, 'Account' with a person icon, and 'Contact Us' with an envelope icon. A red arrow points from the 'Contact Us' link down to the main content area. The main content area has a heading 'Contact Us' in a large, dark blue font. Below the heading is a form. The form starts with an 'Email' label above a text input field containing the placeholder 'Enter Email'. Below this is a section for 'Screenshots - Optional' which includes a 'Browse...' button and the text 'No files selected.'. A paragraph of text follows: 'If this is a bug report, please tell us what you were attempting to do, what happened, and what was supposed to happen.'. Below this is a 'Message' label above a large text area. At the bottom of the form is a blue 'Submit' button.

Email

Enter Email

Screenshots - Optional

Browse... No files selected.

If this is a bug report, please tell us what you were attempting to do, what happened, and what was supposed to happen.

Message

Submit