



## RED HAT SYSTEM ADMINISTRATION I (RHEL8.2- RH124)



### Guide: Accessing Red Hat Academy Lab Content

Document Version: **2021-01-20**

## Contents

Introduction .....	3
Objectives.....	3
Lab Topology .....	4
Lab Settings .....	5
1    Steps to Access Lab Content .....	6

## Introduction

In this document, steps will be outlined on how to access the lab content directly from the Red Hat Academy so that the lab can be performed within the NETLAB+ pod environment.

## Objectives

- ) Prepare the lab environment and access the lab content

## Lab Topology



Foundation 0

## Lab Settings

The information in the table below will be needed in order to complete the lab. The task sections below provide details on the use of this information.

Virtual Machine	IP Address	Account (if needed)	Password (if needed)
Foundation 0	n/a	ki osk	redhat

## 1 Steps to Access Lab Content



Before starting a lab, make sure that you are registered to access Red Hat Academy content. If you do not have access to the Red Hat Academy content, please work with your instructor to attain access to the courseware through your institution's Red Hat Academy portal.

1. Once you have access to the Red Hat Academy course material through one of the respective options offered through your institution, access the Red Hat Academy lab content through one of these two options:
  - a. Open new tab on your physical host machine and access via <https://rha.ole.redhat.com/rha/app/> (Red Hat Academy Learning Platform)
  - b. Access via hard copy book or eBook; lab instructions are located under sections titled "Practice" at the end of each chapter

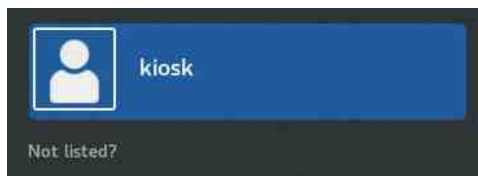
**Please  
Note**

These options are specific to the way you registered for the Red Hat Academy course and so it is important to choose the appropriate path given to you when accessing your lab content directly from Red Hat Academy.

2. Once you have access to the correct lab content aligned to Red Hat System Administration 1 8.2 (RH124), navigate to the desired lab.
3. Change focus to the tab with the NETLAB+ pod interface open and launch the Foundation 0 virtual machine to access the graphical login screen.




4. Log in as the kiosk user, using the password redhat.



**Please  
Note**

If a message appears stating that the system is not registered, you may dismiss this message and proceed to the next step.

5. Once logged in, click on Activities located in the upper-left corner of the screen and open a new terminal  window.
6. In the terminal window, type the command below followed by pressing the Enter key to begin starting up all the required systems.

```
[kiosk@foundation0 ~]$ rht-vmctl start all
```

```
[kiosk@foundation0 ~]$ rht-vmctl start all
Starting bastion.
Starting workstation.
Starting utility.
Starting servera.
Starting serverb.
```

**Please  
Note**

When initiating the `rht-vmctl start all` command, please wait 2-3 minutes for everything to fully initialize before proceeding to the next step otherwise you will experience a “no route to host” when attempting to connect.

7. To access the workstation virtual machine within the Foundation 0 system or any other VMs mentioned in the curriculum, you can access the console by either using a GUI Viewer or by using SSH to connect. Examples are shown below on how to connect to the workstation using two different ways.

Access via SSH:

```
[kiosk@foundation0 ~]$ ssh student@workstation
```

Access via Virt Viewer (preferred method):

```
[kiosk@foundation0 ~]$ rht-vmview view workstation
```

8. You may now proceed with the desired lab by following the lab instructions provided by the Red Hat Academy.



It is recommended that when a lab is completed to end the current reservation and to reserve a new one when attempting a new lab.