MindTap™ Live Virtual Machine Labs

Live Virtual Machine Labs is an interactive learning environment in MindTap course activities where Information Technology (IT) students can practice their problem-solving skills, in real time, on live IT systems.

The IT systems in Live Virtual Machine Labs use Cisco hardware and virtualized Windows, Linux, and UNIX operating systems hosted on VMware and Hyper-V, all accessible via a web browser.

**SYSTEM REQUIREMENTS**

**NOTE** Live Virtual Machine Labs is not supported on mobile devices.

**HARDWARE**
- CPU: 2GHz / multi-core
- Display: 1920 x 1080 or higher (full HD or higher)
- Internet: 5+ Mbps

**SOFTWARE**
- Sun Java version 1.7 or later (optional)

**PREREQUISITE ASSIGNMENT**
The prerequisite assignment teaches students how to use Live Virtual Machine Labs.

Some learning paths include a Live Virtual Machine Labs prerequisite assignment. If this assignment is part of your learning path, by default it is available to students and set to count toward their grades.

**BEST PRACTICE** Assign the prerequisite assignment at the start of the term.

**COMPLETE A LIVE VIRTUAL MACHINE LABS ACTIVITY**

**BEST PRACTICE** Open Live Virtual Machine Labs from your MindTap™ learning path to experience activities as a student.

Remind students to reserve enough time to complete a Live Virtual Machine Labs activity before starting. Unsubmitted work will not be saved.

1. In the learning path, locate and open a Live Virtual Machine Labs activity.
2. Click **Start Assignment Now**.
   - First time only: Select your preferred settings for Live Virtual Machine Labs activities and click **Continue**. You can change these settings at any time.
3. Follow the instructions in the content pane to complete your Live Virtual Machine Labs activity.
4. Submit your assignment.
   a. Click **Done** in the content pane.
   b. Click in the lab toolbar to log out.

**ADVANCED ACCESSIBILITY IN LIVE VIRTUAL MACHINE LABS**
Enable Advanced accessibility in Live Virtual Machine Labs for the best compatibility with screen readers.

In addition to the default MindTap accessibility features, Live Virtual Machine Labs have an Advanced accessibility setting to optimize interactions between virtual devices and screen readers. Turning on Advanced accessibility enables text-to-speech for Cisco console sessions and opens devices in new windows.

1. Open any Live Virtual Machine Labs activity.
2. Click.
3. Under Platform, toggle Advanced accessibility **On**.

**MORE INFORMATION**
Find more information about MindTap and Live Virtual Machine Labs online.
- [www.cengage.com/training/mindtap?platform=MindTap&mindAppType=Live%20Virtual%20Machine%20Labs](http://www.cengage.com/training/mindtap?platform=MindTap&mindAppType=Live%20Virtual%20Machine%20Labs)

**TROUBLESHOOTING**

**AN ERROR OCCURRED WHILE attempting to start the selected virtual machine(s)**
Verify that you meet the system requirements for Live Virtual Machine Labs.

**NEED LOGIN AND DOMAIN NAME TO START LAB**
1. Click to display the login information for the virtual machine.
2. Enter the displayed credentials and click **Login**.

**SESSION DATA IS INVALID**
This happens if you are signed in more than once.

Sign out of all your sessions and then sign in again.

**LIVE VIRTUAL MACHINE LABS "CRASHING"**
The virtual machine might have been disconnected because of a temporary interruption of the internet connection.

Click to reconnect to the virtual machine.

**COMPLETED LAB DISPLAYS AS IN PROGRESS**
This happens if you complete an activity without clicking **Done**.

Reopen the activity and click **Done**.

**GENERAL ERRORS WITH LIVE VIRTUAL MACHINE LABS**
Verify that you meet the system requirements for Live Virtual Machine Labs.