

Accessing CloudLab from LMS

What is CloudLab feature offered by Simplilearn?

- CloudLab is a cloud based Hadoop environment lab to ensure hassle free execution of all the hand-on project work with Hadoop 2.7.
- In earlier BDH developer course, participant would use Virtual machine to install Hadoop on his system to execute all the hand-on project related work of Hadoop. But with Virtual machine Hadoop installation, participant were facing following challenges very often. And hence participants were losing out on valuable time in setting up Hadoop environment instead of spending time in learning Hadoop.
 - Installation & system compatibility issues
 - Difficulties in configuring systems
 - Issues with Rights & permissions
 - Network slowdown & failure
- With CloudLab, participant will not require to install Hadoop using a virtual machine. Instead, participant would be able to access already set up Hadoop environment lab using Cloud solution.
- Participant will be able to access CloudLab from Simplilearn LMS (Learning Management System). A video on introduction and how to use CloudLab is provided in Simplilearn LMS.

Accessing CloudLab from Simplilearn LMS (step 1 of 3)

Lab would be accessible from Simplilearn LMS

Participant need to log-in to LMS and select BDH Developer course from the list of available courses.

“Lab Access” tab would be shown next to Download Centre on BDH Developer course page in LMS

Once participant clicks on “Lab Access” it will take them to step2 as shown in next slide.

The screenshot displays the Simplilearn LMS interface for the 'Big Data Hadoop Developer' course. At the top, the navigation bar includes 'My Courses' and 'Big Data Hadoop Developer', with the latter highlighted. Below the navigation bar, a banner promotes a mobile app. The main content area shows the 'Currently Playing Topic' as 'Section 01 Big Data Hadoop Developer', with a video player displaying a man in a suit. The bottom navigation bar features two tabs: 'Download Center' and 'Lab Access', with 'Lab Access' being the active tab. To the right of the video player, there is a 'Rate this Course' section with a star rating and a text input field.

Hi, you can now learn on our newly launched mobile app. [Get it on Google Play](#) >>

Currently Playing Topic:
Section 01 Big Data Hadoop Developer
↳ Getting started with Big-Data and Hadoop Developer
↳ Getting started with Big-Data and Hadoop Developer [View All Topics](#)

< Previous **Getting started with Big-Data and Hadoop Developer** Next >

Edward
Big Data & Hadoop Architect

Download Center **Lab Access**

Section 01 Big Data Hadoop Developer

EBook

Rate this Course

How did you like the Big Data & Hadoop Course?

★★★★★ 0/5

Accessing CloudLab from Simplilearn LMS (step 2 of 3)

In “Lab Access” tab, “creating your account” message will show up. Participant is not required to do anything in this step

After user name & password is created automatically, participant would see next slide

The screenshot displays the Simplilearn LMS interface. At the top, the navigation bar includes the Simplilearn logo, 'STUDY CENTRAL', and links for 'My Courses', 'My Tests', 'Explore Courses', and 'Explore Free Tests'. A user profile icon and a shopping cart icon are also present. Below the navigation bar, a banner reads 'Hi, you can now learn on our newly launched mobile app.' with a 'Get it on Google Play' button. The main content area shows the 'Currently Playing Topic' as 'Section 01 Big Data Hadoop Developer' with a 'View All Topics' button. Below this, a video player shows a man in a suit, identified as 'Edward, Big Data & Hadoop Architect'. At the bottom, the 'Lab Access' tab is active, showing a 'Creating your account' message in a blue-bordered box. To the left of this message is a video thumbnail labeled 'Video about the lab access'. On the right side of the 'Lab Access' section, there is a 'Rate this Course' section with a star rating and a '0/5' score. Below this is a promotional banner for 'ACCESS YOUR COURSES ANYWHERE, ANYTIME.' with an image of a tablet.

Accessing CloudLab from Simplilearn LMS (step 3 of 3)

Participant would see following screen inside “Lab Access”

It contains following parts –

- User name
- Password
- Access Button for following 3 Hadoop Consoles (Labs)
 - Ambari
 - Hue
 - Web Console
- “CloudLab Introduction” Video on left side

Once participants clicks on any of the 3 Hadoop Console(Lab) buttons, he would be redirected to another page of respective consoles

Participant can login (as described in next slides) to the respective Hadoop Console(Lab) using user name & password as available in “Lab Access” tab in Simplilearn LMS (as shown in this screenshot)

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This is the login screen of Ambari console.

Participant can login to Ambari using user name & password as available in “Lab Access” tab in Simplilearn LMS



Ambari

Sign in

Username

Password

Sign in

Licensed under the Apache License, Version 2.0.

See [third-party tools/resources that Ambari uses and their respective authors](#)

Login Screen of Hue



This is the login screen of Hue console.

Participant can login to Hue using user name & password as available in “Lab Access” tab in Simplilearn LMS

HUE



Sign in to continue to Hue

	<input type="text" value="SGIRICX19589"/>
	<input type="password" value="....."/>

Sign in

This is the login screen of Web console console.

Participant can login to Web console using user name & password as available in “Lab Access” tab in Simplilearn LMS

```
ip-172-31-22-91 login: SGIRICX19589  
Password: █
```


End of training