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.

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.

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

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

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)

Login Screen of Ambari

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

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

Sign in to continue to Hue

| 👤 | SGIRICX19589 |
| 🔒 | •••••••••••• |

Sign in

Login Screen of Web console

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