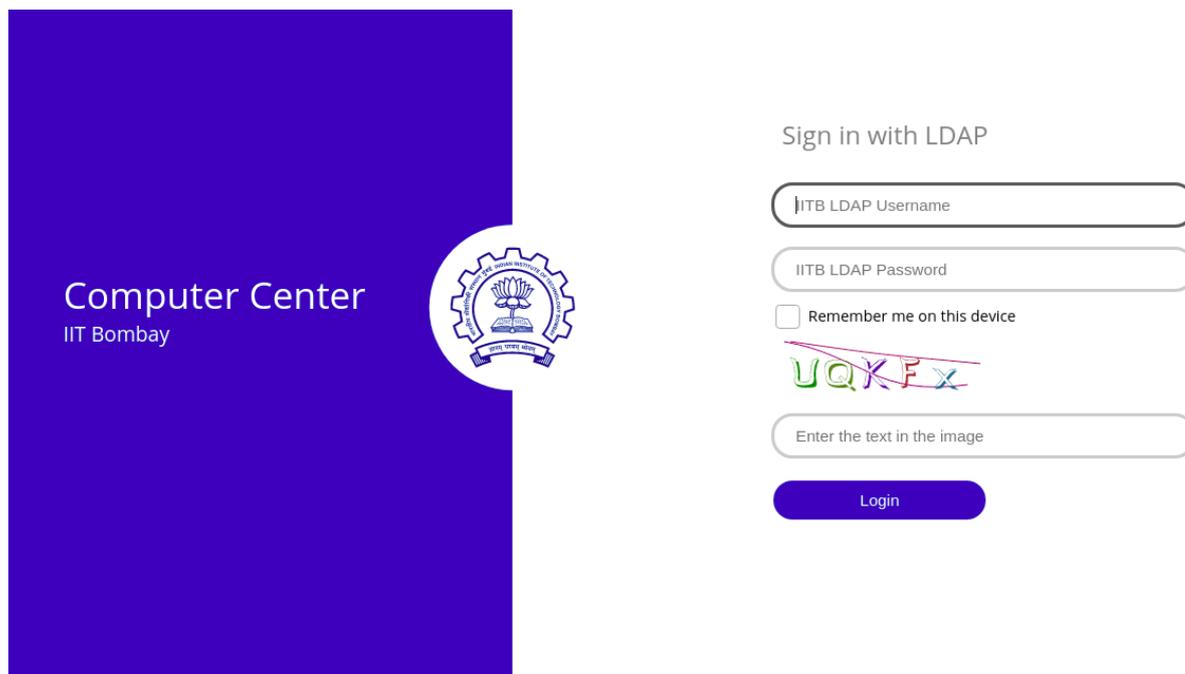


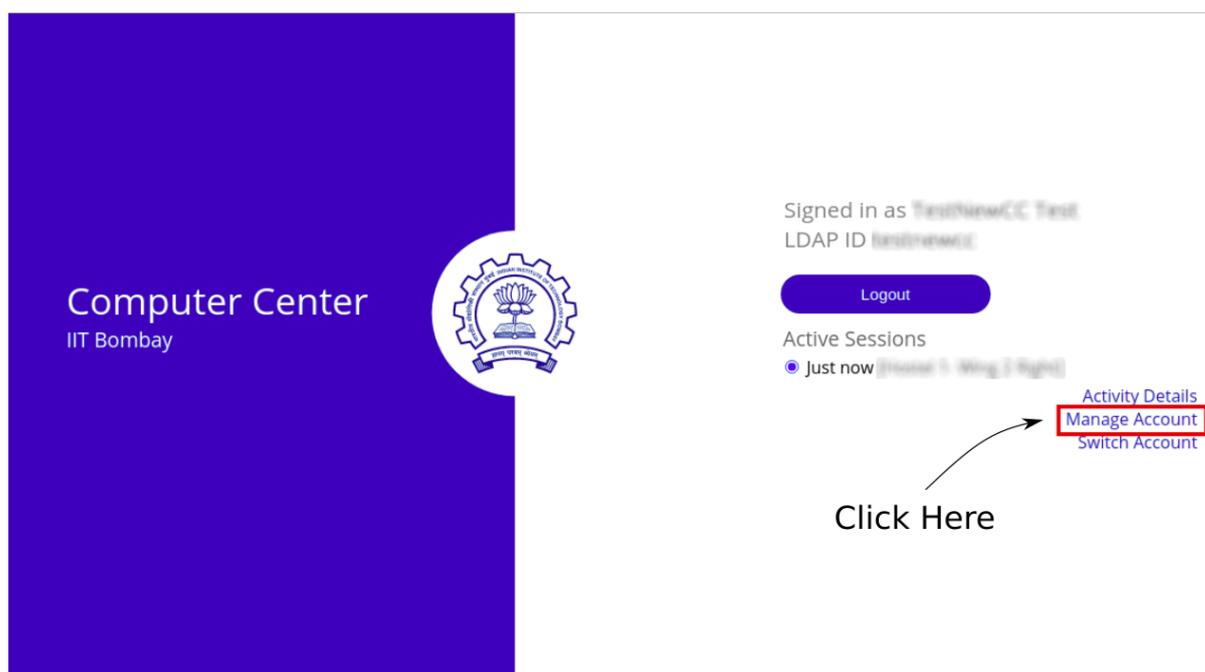
Accessing the internet from a system that doesn't have GUI (Graphical User Interface)

Note: Step no. 1, 2, and 3 are the one-time steps. You only need to follow these steps for generating Access Token. On day to day basis, you only need to run the command given in step no. 6 of this tutorial.

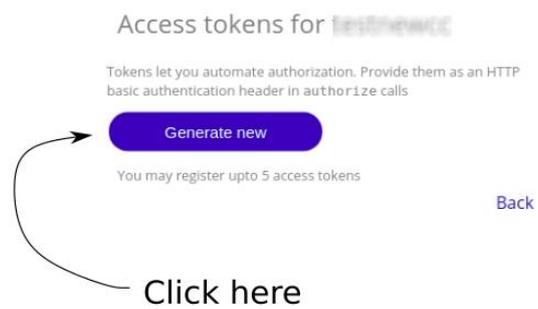
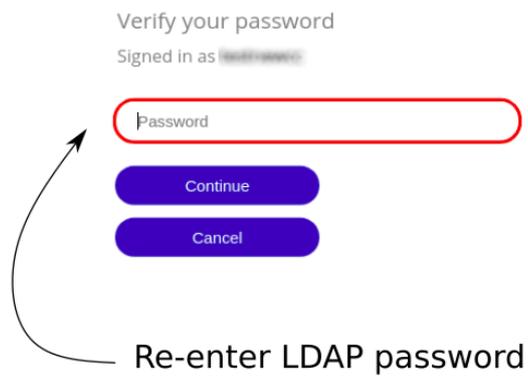
1) Visit <https://sso.iitb.ac.in> and log in with your LDAP id



2) After logging in, click on “Manage Account”



3) Follow below steps to generate “Access Tokens”



5) Now, to connect to the internet, we are using the curl command to send basic HTTP auth requests. You could also use other alternatives to send basic HTTP auth requests like “wget.”

6) Run the below command to connect to the internet

Syntax:

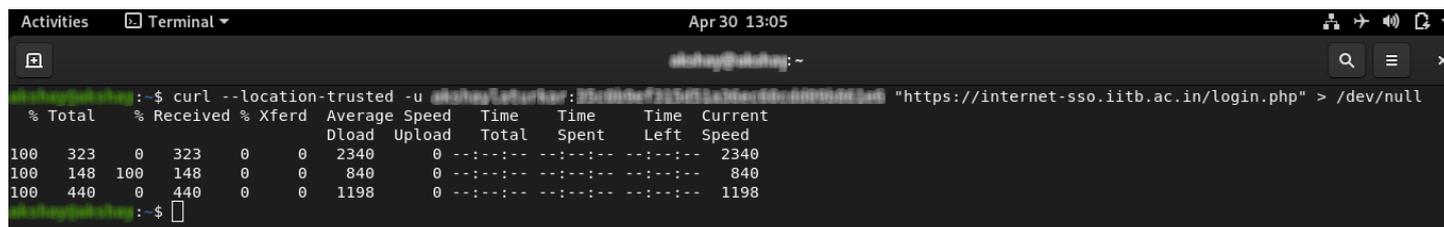
```
curl --location-trusted -u [LDAPID]:[Access Token] "https://internet-sso.iitb.ac.in/login.php" > /dev/null
```

Example:

If your LDAPID is ldapuser1 and AccessToken is 7240e9e7114315sr6e2605d2h1466457, then replace the above two entries [LDAPID] and [AccessToken] with actual entries

```
curl --location-trusted -u ldapuser1:7240e9e7114315sr6e2605d2h1466457 "https://internet-sso.iitb.ac.in/login.php" > /dev/null
```

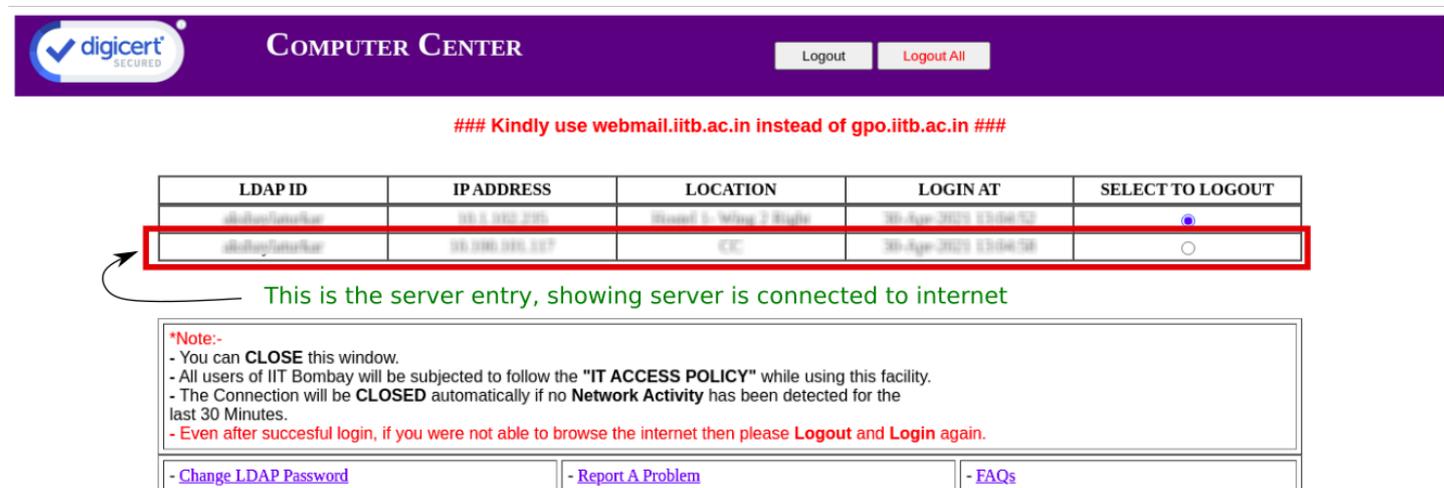
The below image shows results after sending HTTP request via curl command



```
Activities Terminal Apr 30 13:05
aldhy@aldhy: ~
~$ curl --location-trusted -u ldapuser1:7240e9e7114315sr6e2605d2h1466457 "https://internet-sso.iitb.ac.in/login.php" > /dev/null
% Total % Received % Xferd Average Speed Time Time Time Current
         Dload Upload Total Spent Left Speed
100 323 0 323 0 0 2340 0 0 0 2340
100 148 100 148 0 0 840 0 0 0 840
100 440 0 440 0 0 1198 0 0 0 1198
~$
```

Now the server is connected to the internet, which can be verified by accessing internet-sso.iitb.ac.in from your local machine. A sample bash script is available on this link <https://gitea.iitb.ac.in/ninad/internet-login>

Note: Soon internet.iitb and internet-sso will be merged, and only internet.iitb will be available.



digicert SECURED COMPUTER CENTER Logout Logout All

Kindly use webmail.iitb.ac.in instead of gpo.iitb.ac.in

LDAP ID	IP ADDRESS	LOCATION	LOGIN AT	SELECT TO LOGOUT
aldhy@aldhy	10.1.100.225	Ground 3, Wing 3, Bldg 3	30-Apr-2023 13:04:52	<input checked="" type="radio"/>
aldhy@aldhy	10.100.100.127	CC	30-Apr-2023 13:04:58	<input type="radio"/>

This is the server entry, showing server is connected to internet

*Note:-
- You can CLOSE this window.
- All users of IIT Bombay will be subjected to follow the "IT ACCESS POLICY" while using this facility.
- The Connection will be CLOSED automatically if no Network Activity has been detected for the last 30 Minutes.
- Even after successful login, if you were not able to browse the internet then please Logout and Login again.

- Change LDAP Password - Report A Problem - FAQs