

Deployment of Corporate Portal

Version 0.1



Google Cloud

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Module 8: GCP – Corporate LMS (Moodle) with Cloud Storage

Revision History

Rev	Reason	Prepared	Approved	Date
0.1	Requirements	Mano		01-Sep-21
0.2	Implementation & results	Mano		01-Sep-21

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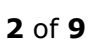
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2 Implementation

2.1.1 Enable Deployment Manager and install Bitnami Moodle solution

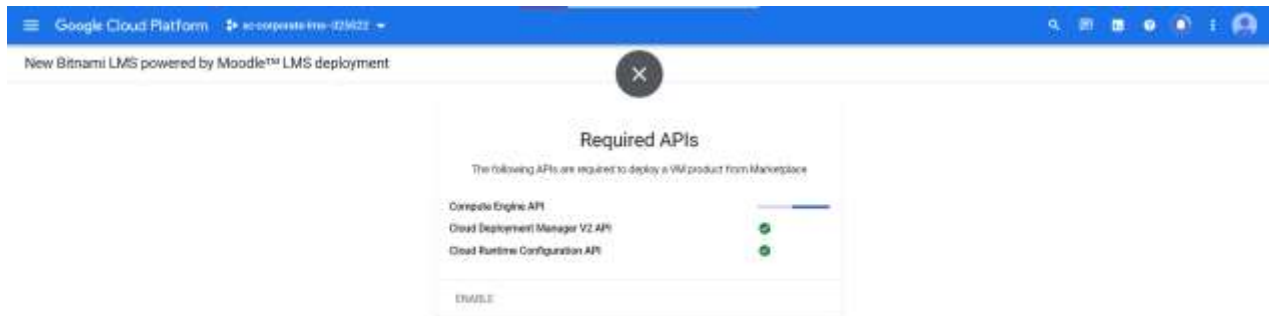


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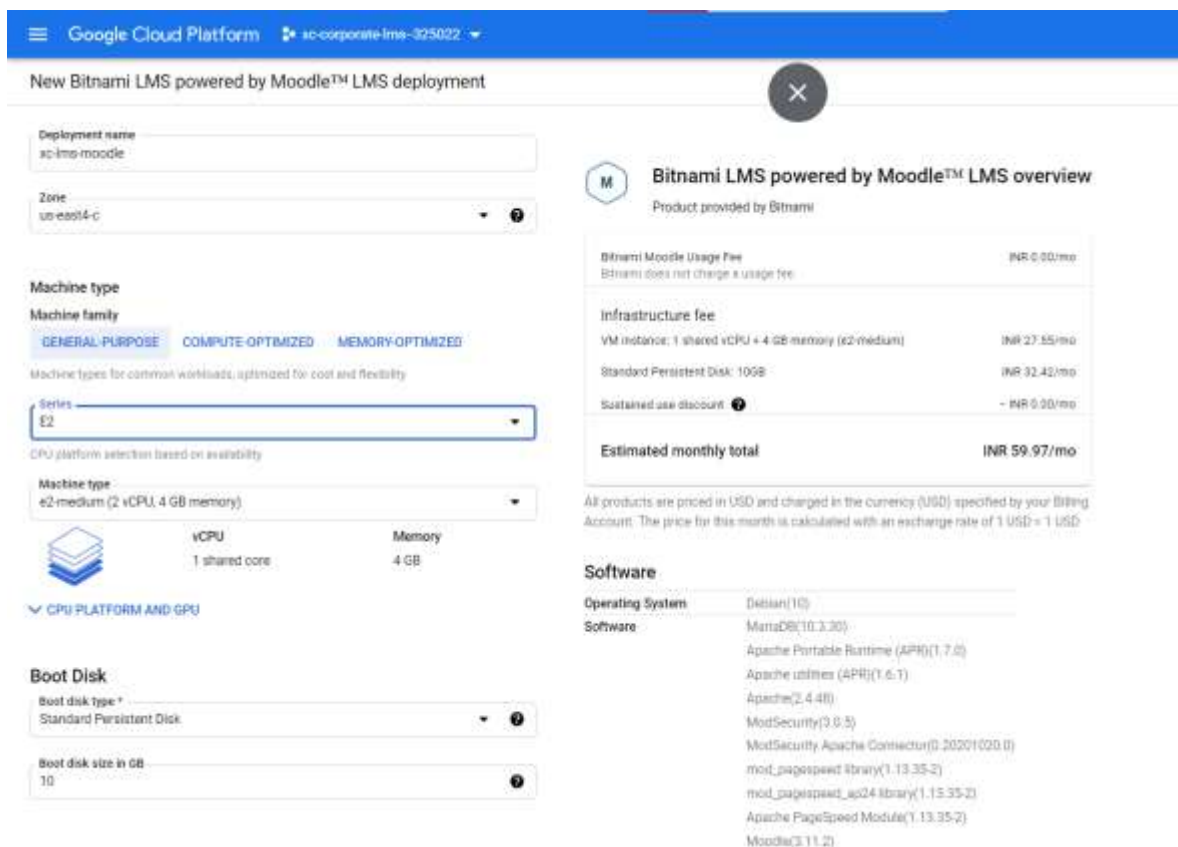
2.2 Creating Network Endpoint Groups

Run the load balancer script and check if NEGs were created (See Comp Engine menu)

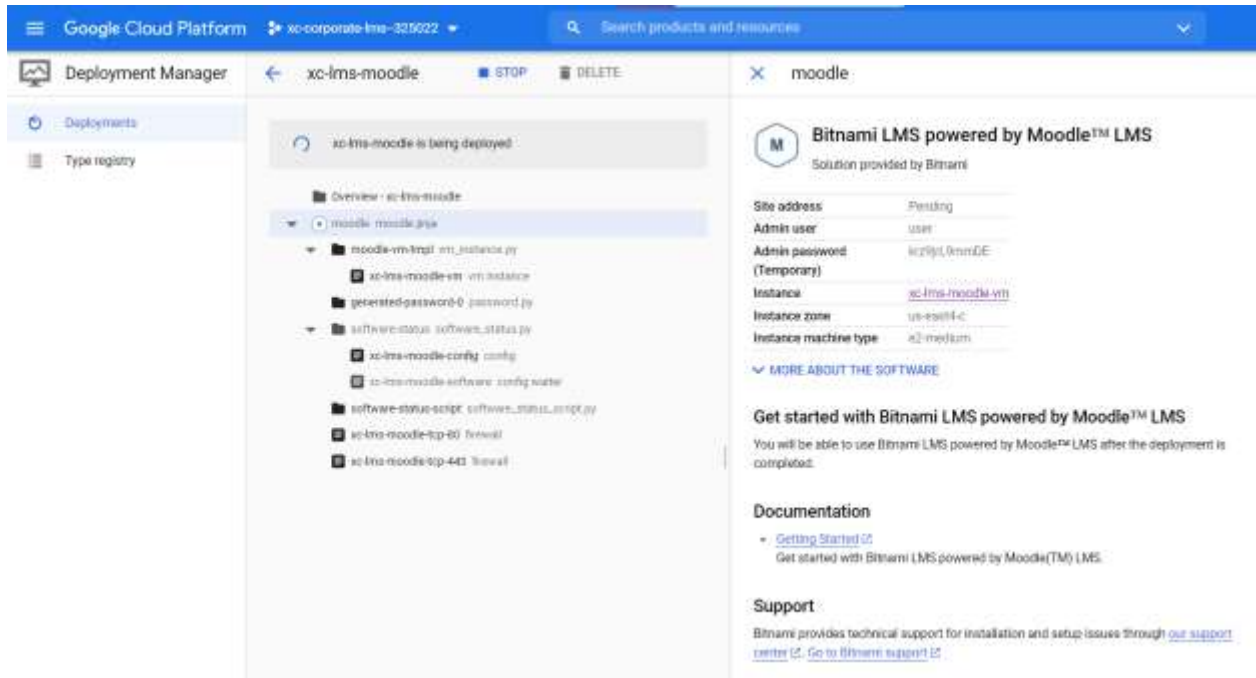
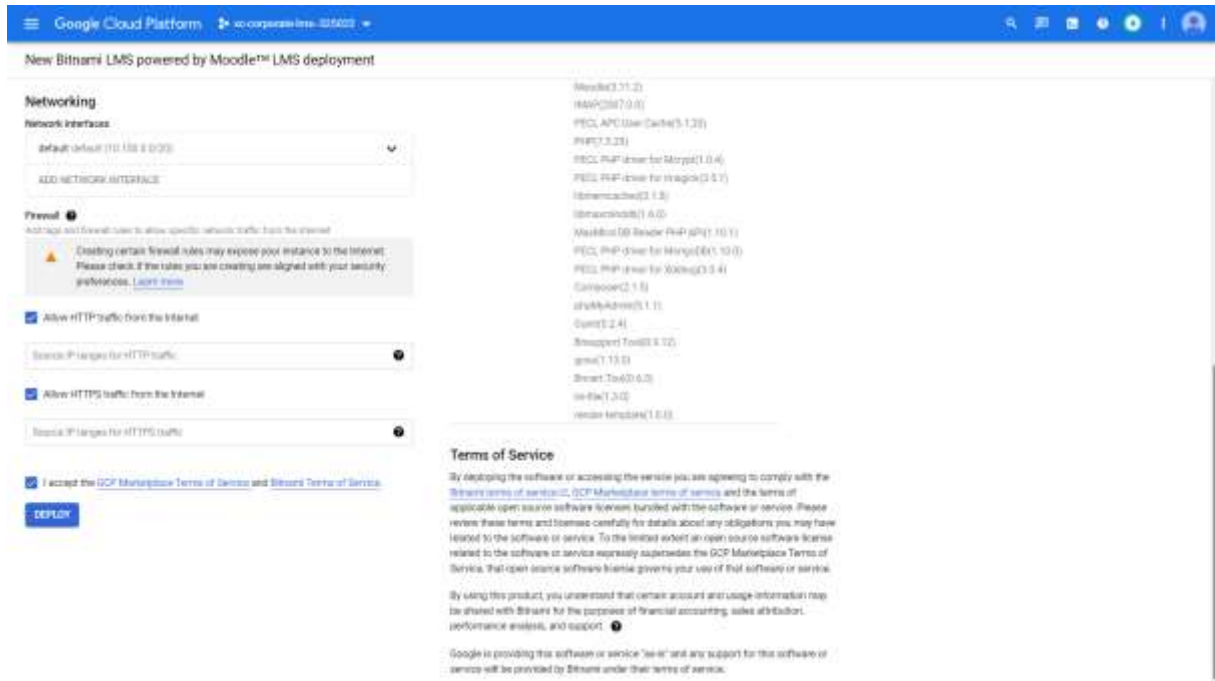
2.2.1 NEG Instance running



2.2.2 Create global backend service



2.2.3 Add backend to service



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It might take some time to come up:

The screenshot shows the Bitnami LMS powered by Moodle™ LMS page in the Google Cloud Platform console. The page displays the following information:

- Site address:** <http://34.145.181.216/>
- Admin user:** user
- Admin password (Temporary):** krz9jrt,9mmDE
- Instance:** [xc-lms-moodle-vm](#)
- Instance zone:** us-east4-c
- Instance machine type:** e2-medium

Below the information, there is a section titled "Get started with Bitnami LMS powered by Moodle™ LMS" with a button "VISIT THE SITE".

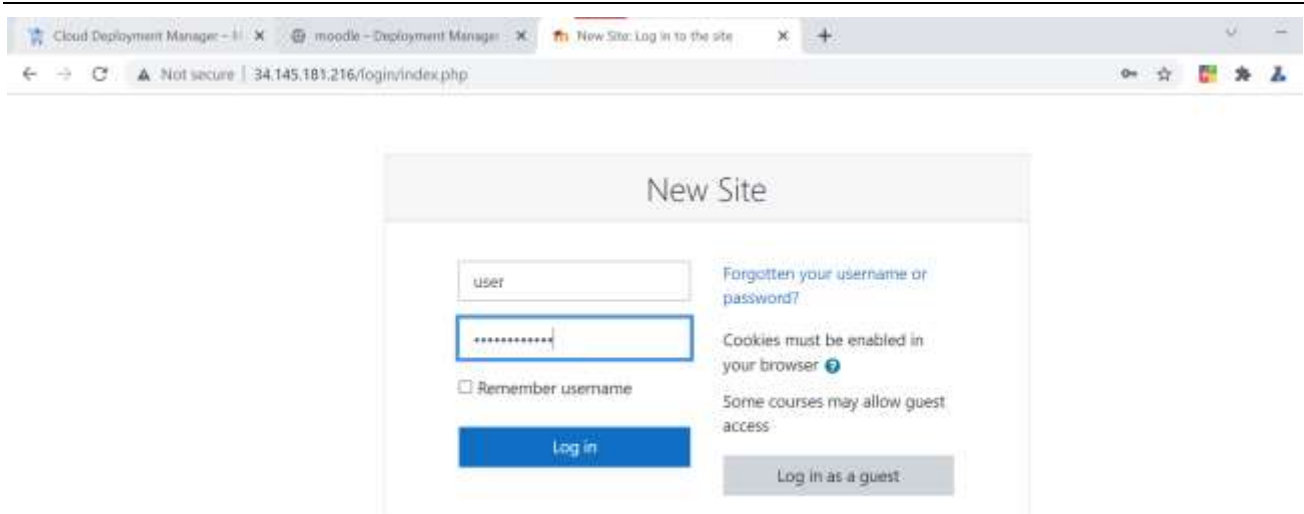
Under "Suggested next steps", there are two items:

- Change the temporary password:** For additional security, it is recommended that you change the password.
- Assign a static external IP address to your VM instance:** An ephemeral external IP address has been assigned to the VM instance. If you require a static external IP address, you may promote the address to static. [Learn more](#)

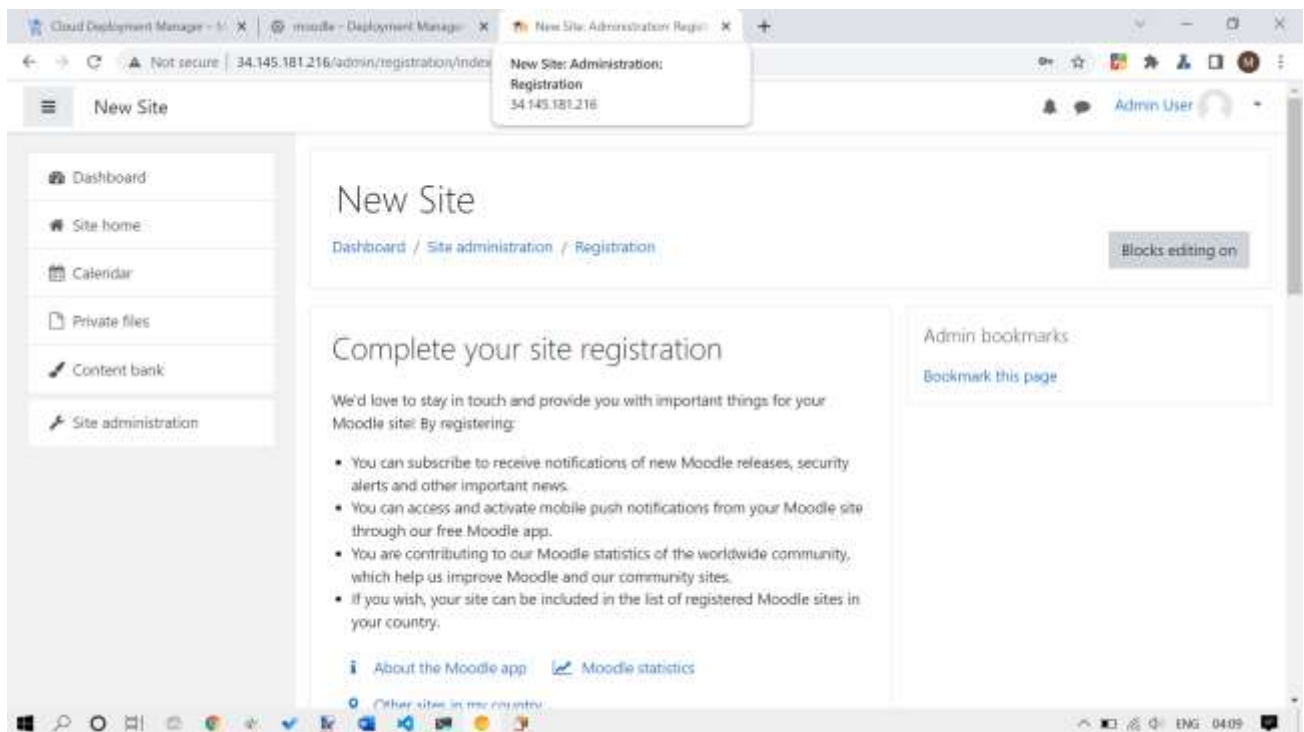
The screenshot shows the Google Cloud Platform console with the Deployment Manager page for the "xc-lms-moodle" deployment. The left sidebar shows the "Deployments" section. The main content area displays the deployment details for "xc-lms-moodle".

On the right, there is a preview of the Bitnami LMS powered by Moodle™ LMS page, which is identical to the one shown in the previous screenshot.

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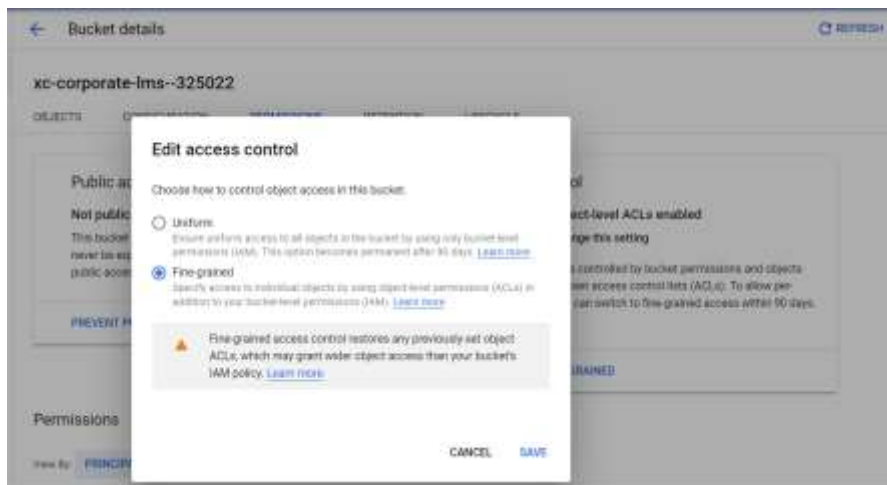
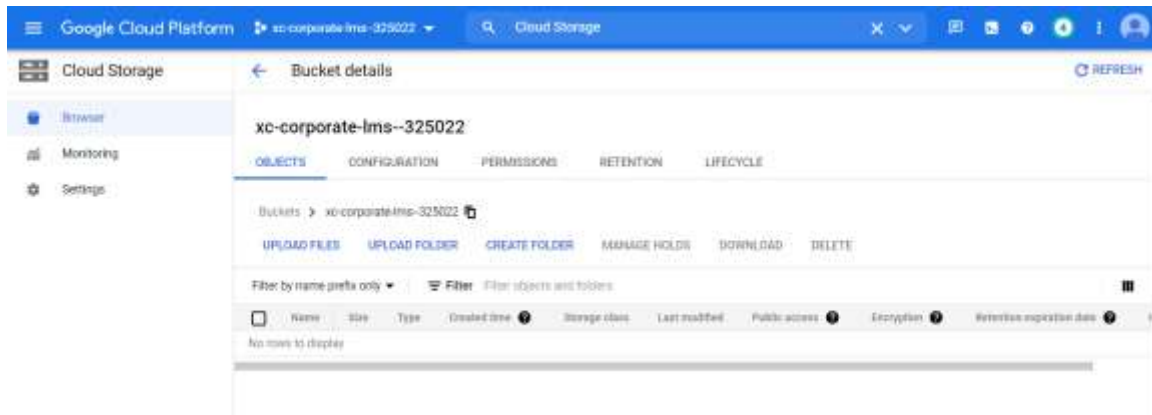


2.2.4 Add backend to service



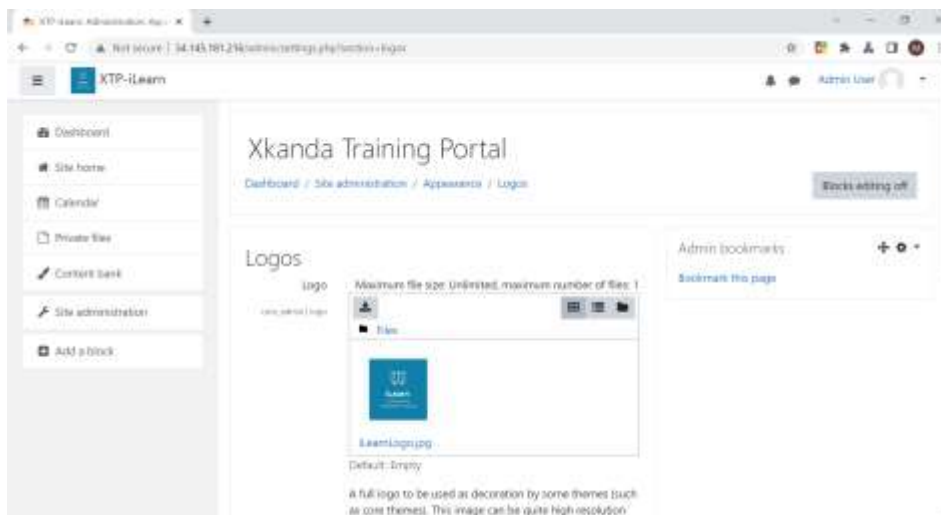
After some time the URL comes up..

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2.3 Customizing Training Portal

2.3.1 Changing Appearance



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2.3.2 Adding Content

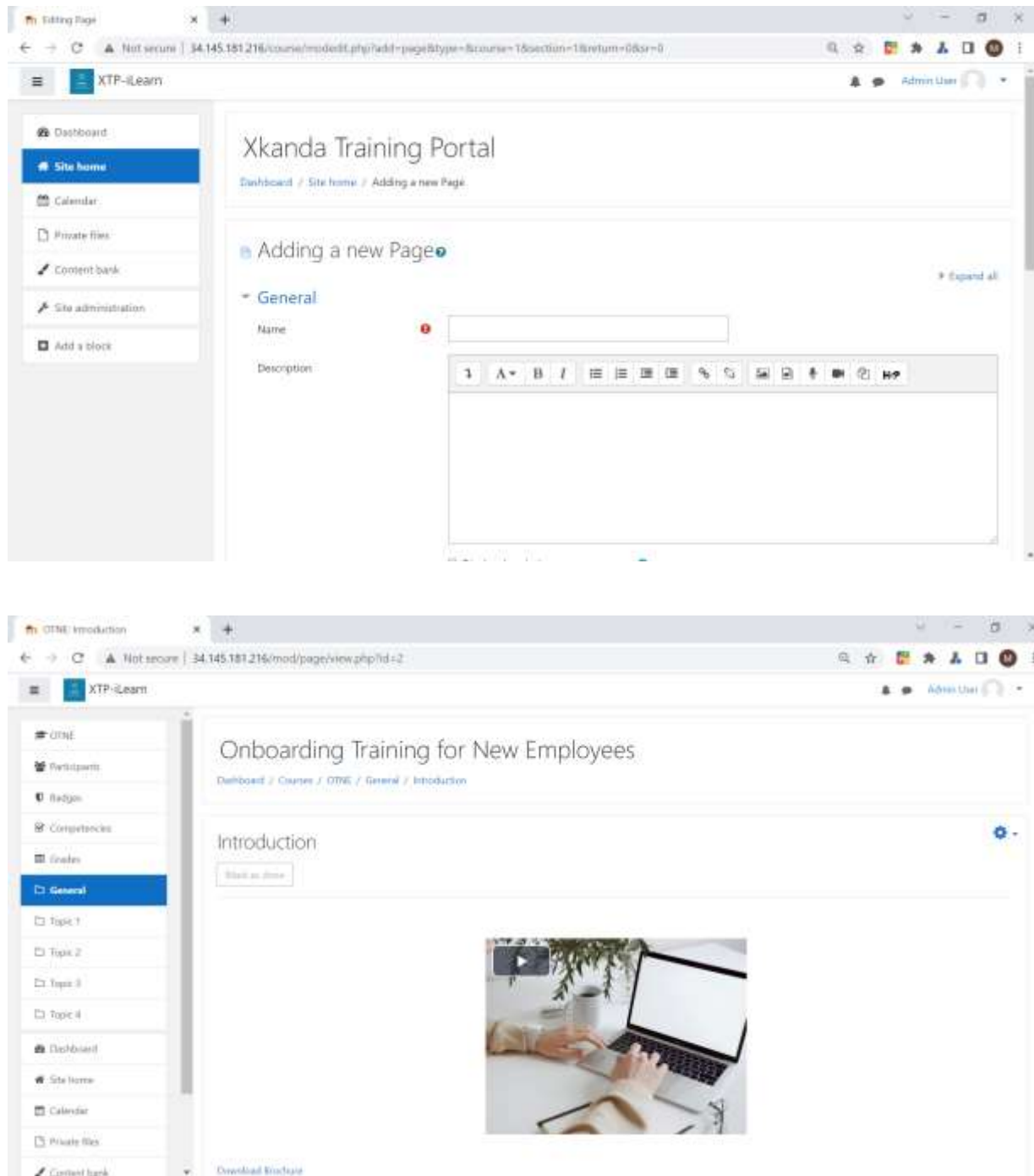


Figure 2.1 : Uploading Training Content

3 Testing the Training Portal

3.1 Using the Training Portal

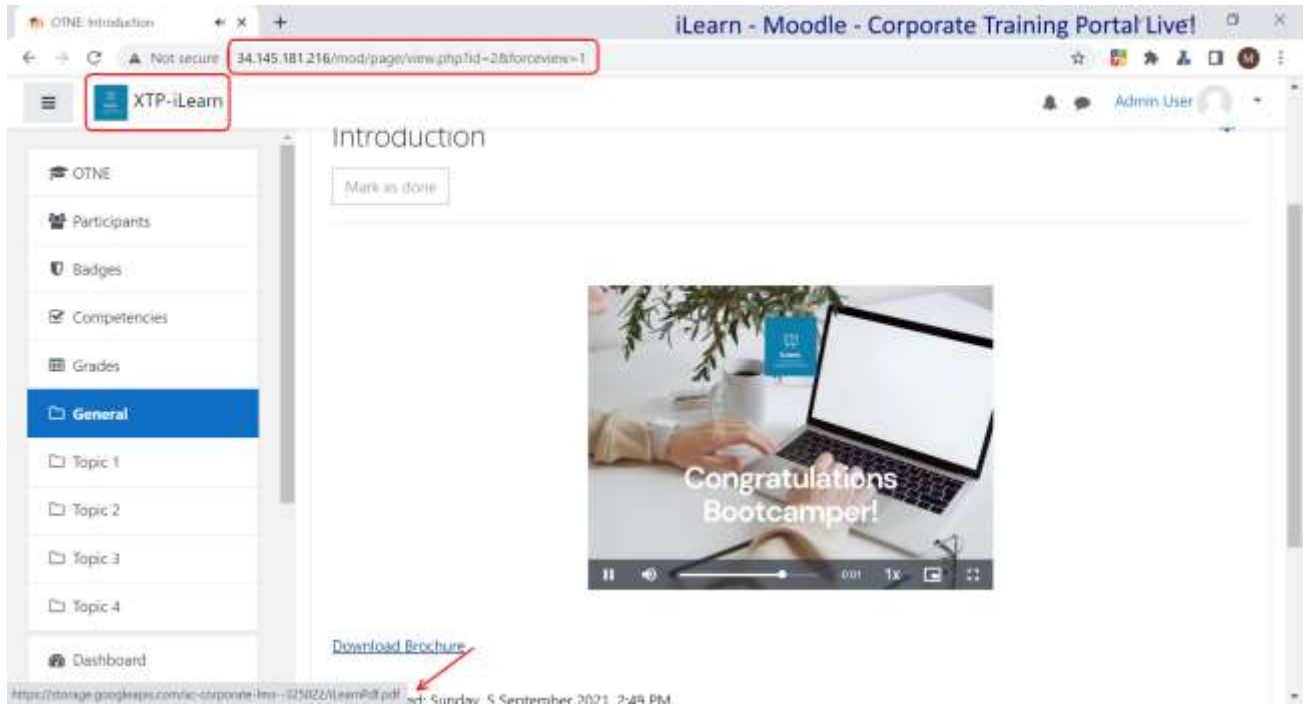


Figure 3.1 : iLearn Training Portal

4 References

[GCP]	https://console.cloud.google.com/home/dashboard?project=tcb-xkandcloud-gcp-aws&cloudshell=false
[Project]	https://github.com/xmano/gcp-corporate-training-portal