# Deployment of Corporate Portal

## Version 0.1



**Manohar Bangera**

**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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# 1 Scenario

Deployment of a 'corporate training portal' on GCP using deployment manager, GCE & cloud storage.

## 1.1 System Requirements



**Figure 1.1 : Architecture**

## 1.2 TLDR; Evidence



**Figure 1.2: Successful Moodle customization & Viewing training video**

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## 2  Implementation

### 2.1   Installing Moodle via Deployment Manager

#### 2.1.1  Enable Deployment Manager and install Bitnami Moodle solution
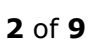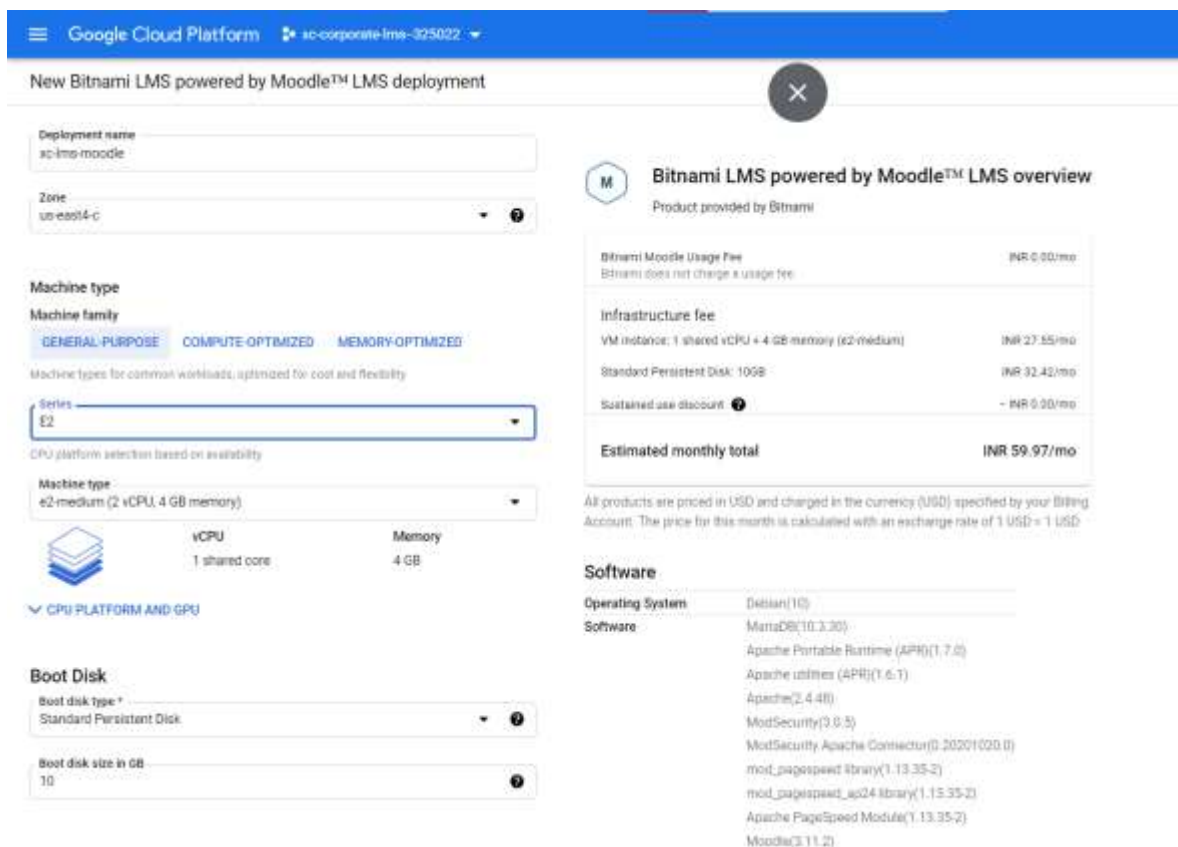
## 2.2 Creating Network Endpoint Groups

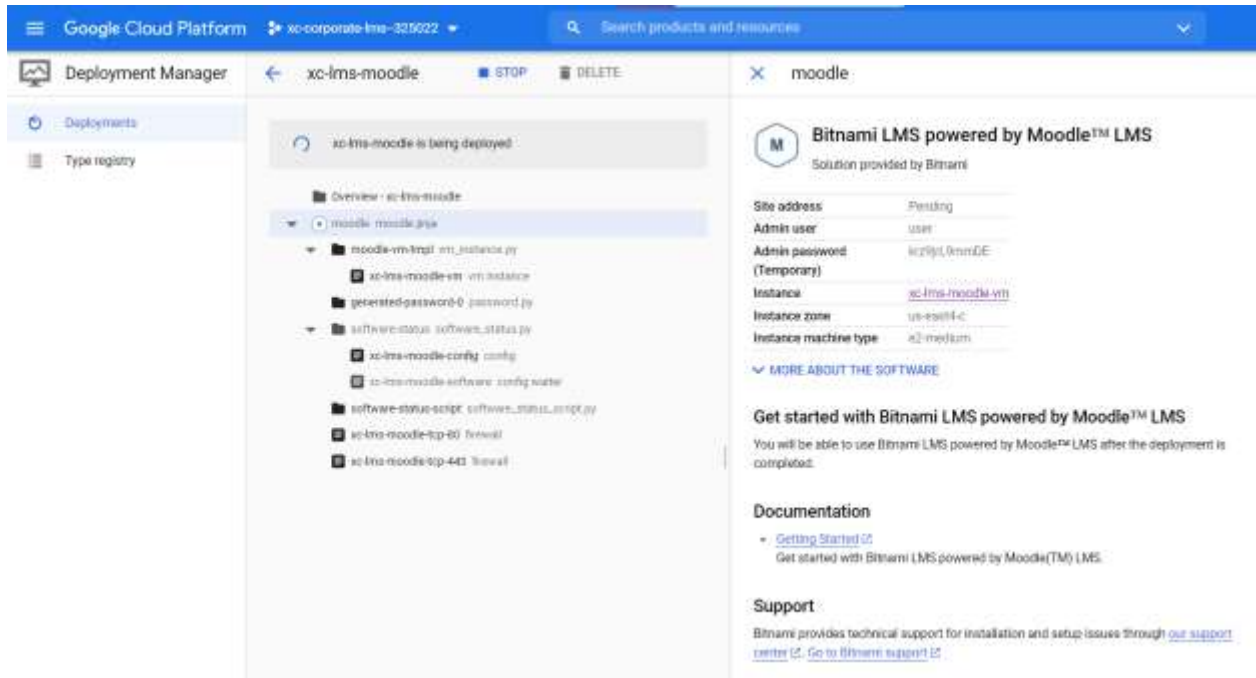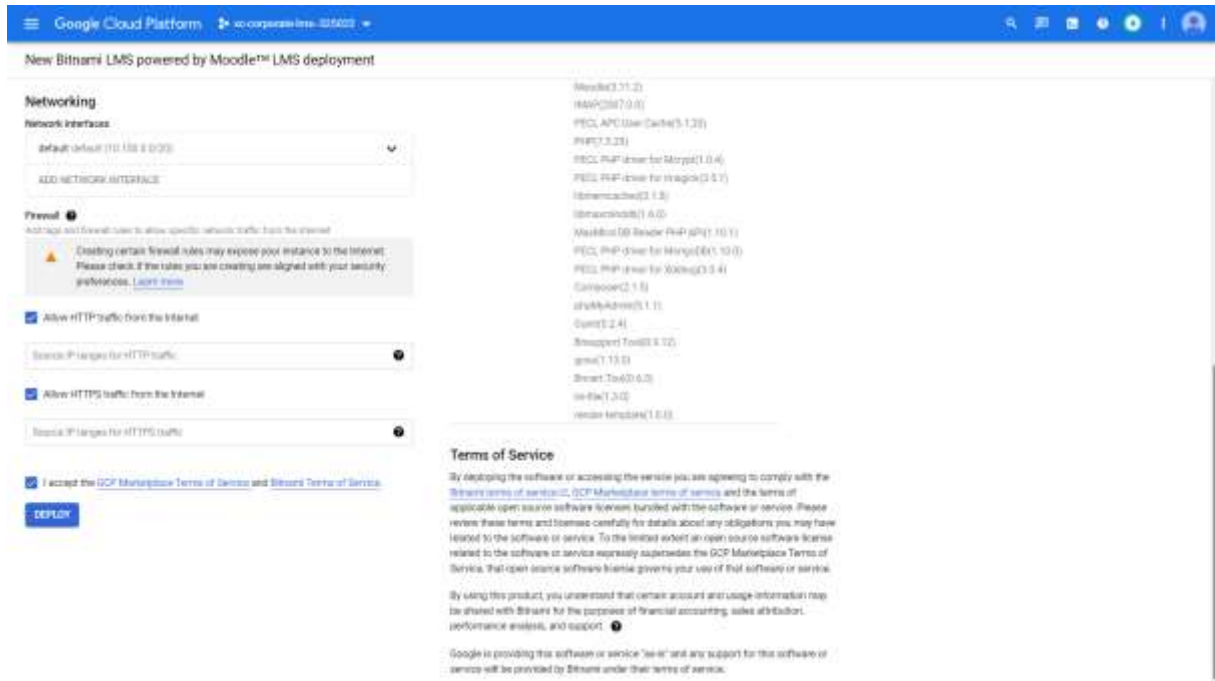Run the load balancer script and check if NEGs were created (See Comp Engine menu)

### 2.2.1 NEG Instance running
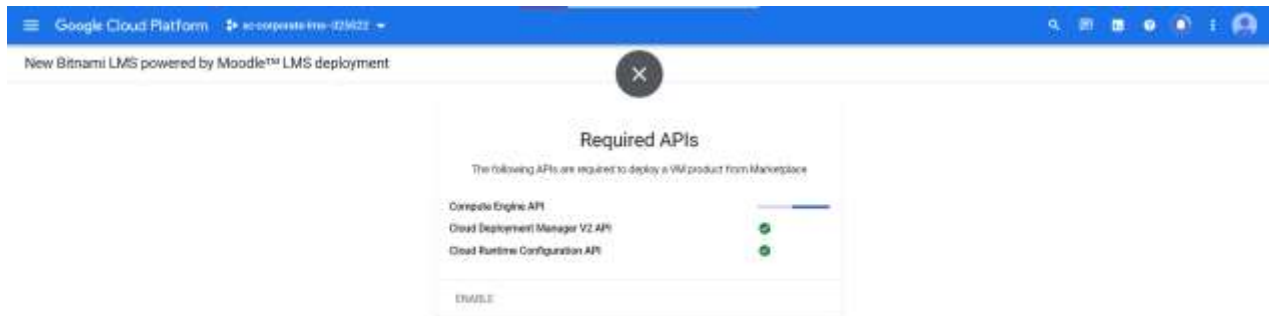


### 2.2.2 Create global backend service

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### 2.2.3  Add backend to service

It might take some time to come up:

## 2.2.4  Add backend to service



After some time the URL comes up..
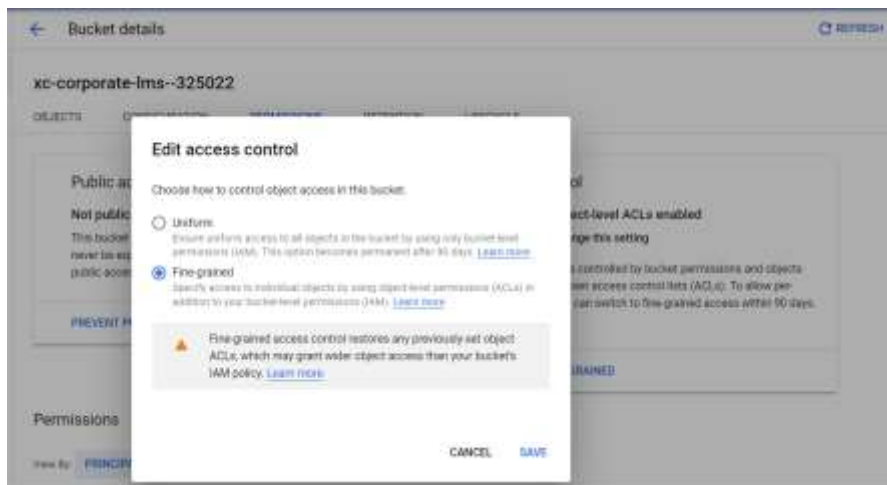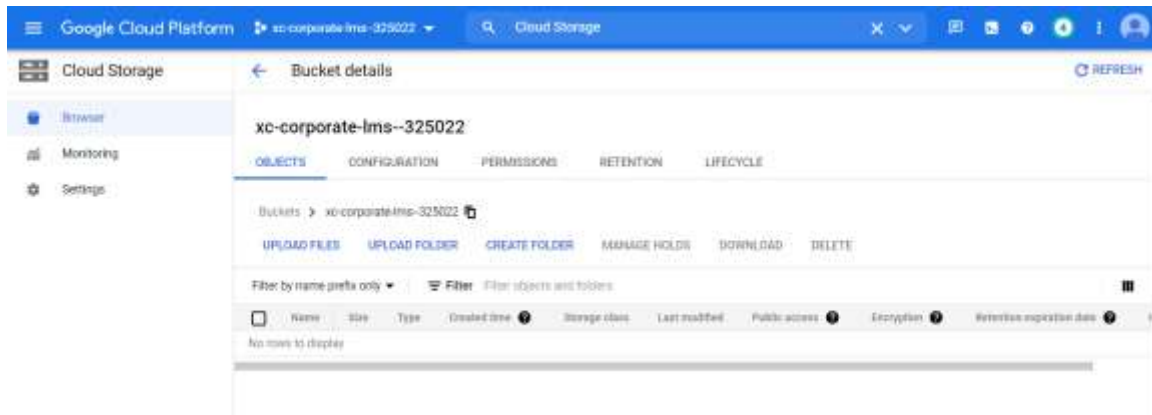
## 2.3 Customizing Training Portal

### 2.3.1 Changing Appearance
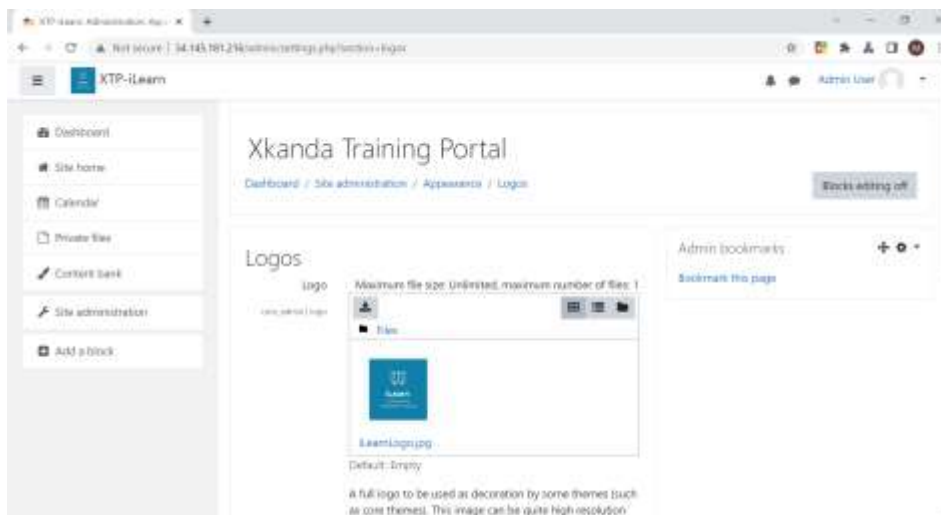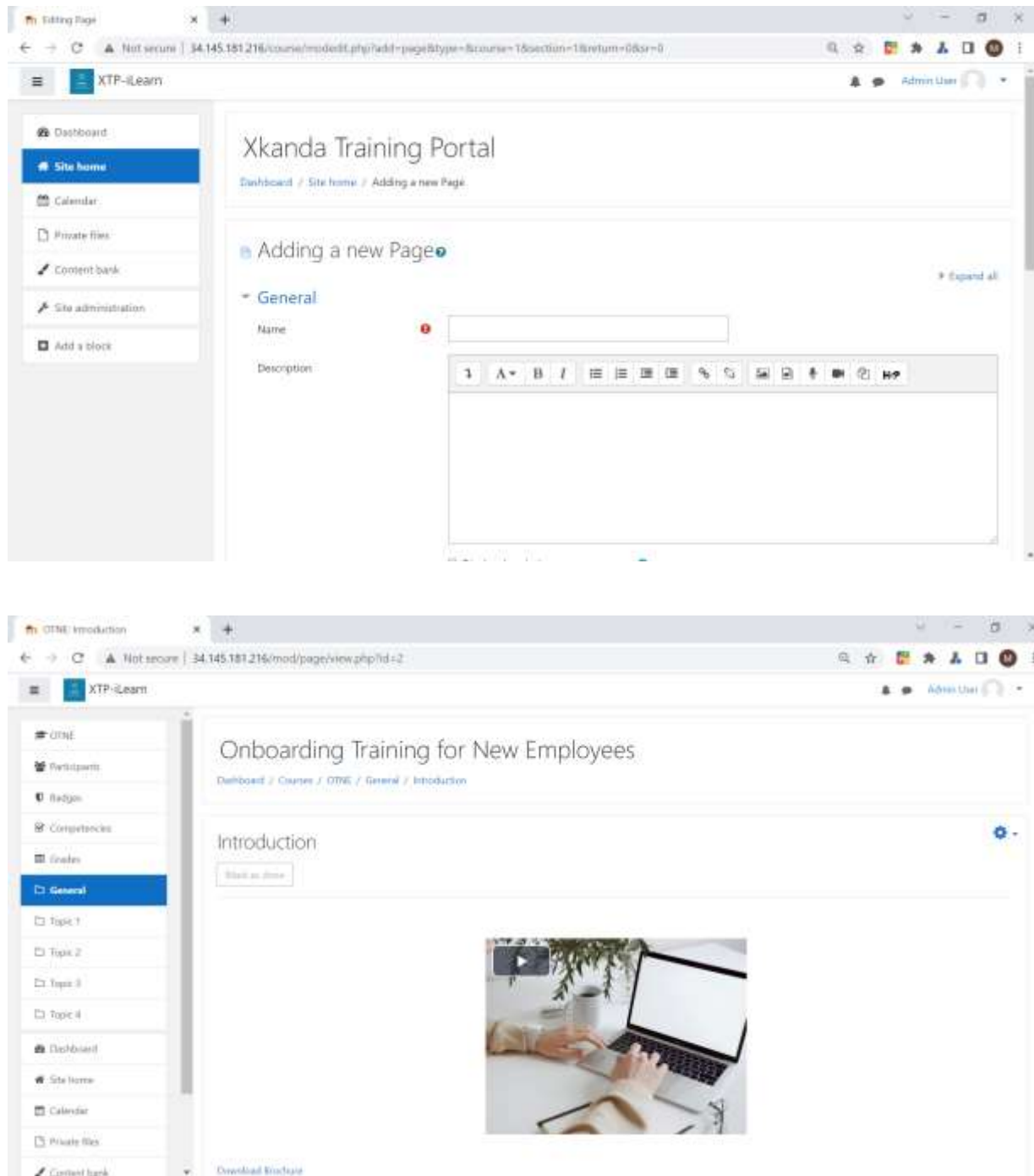
### 2.3.2 Adding Content





**Figure 2.1 : Uploading Training Content**

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# 3 Testing the Training Portal
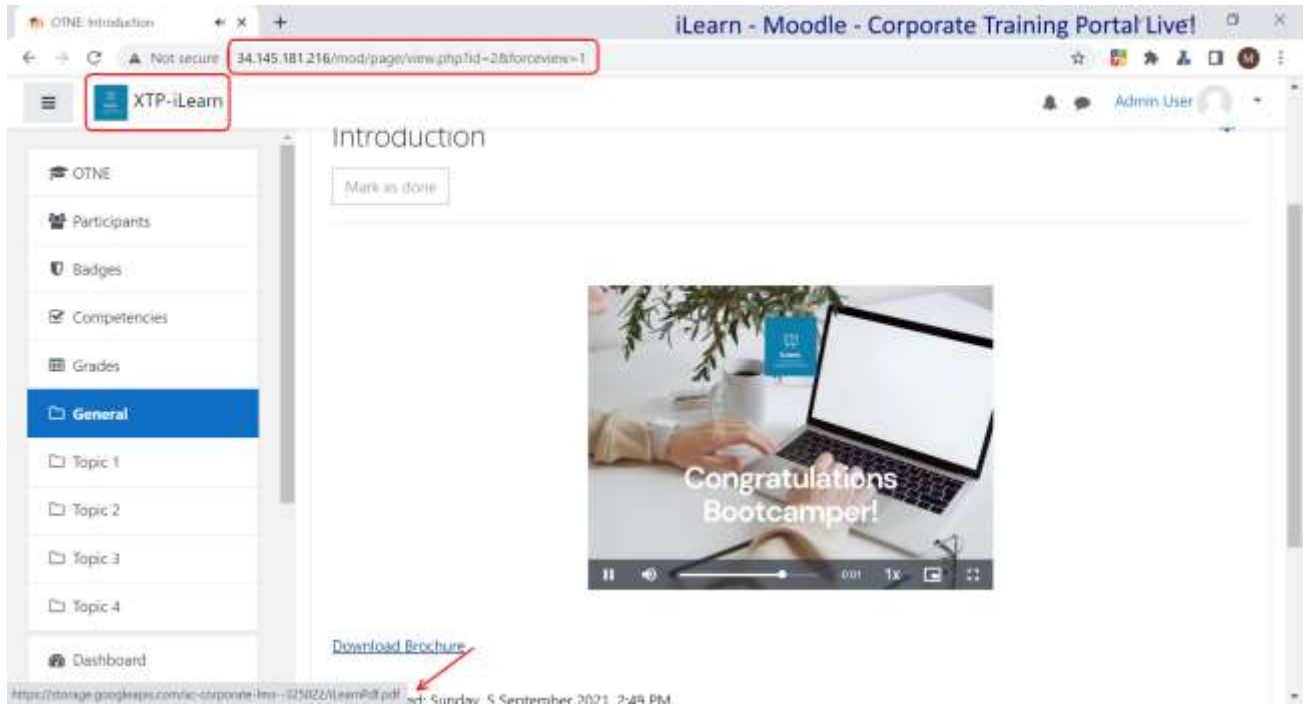
## 3.1 Using the Training Portal



**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 |
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