

Automatic scaling and load balancing with EC2 and ALB

Not in use

Launch workspace

Inbox

Tasks

3 of 5 completed

1

Create S3 bucket and upload artifacts

2

Create Target Group and Application Load Balancer

3

Create Launch Template and Auto Scaling group

4

Test with multiple connections from browser

5

Clean up lab environment

Report issue

Test with multiple connections from browser

You will not be able to create new instances until you have completed this task.

Jul 7, 6:56 PM

Thank you for your contribution to this project! Great to see you nearing the end. We will be releasing the finished product.

Launch

✓ Mark task as complete

Example approach

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1. In the **AWS Management Console**, go to **Services** and click **EC2**
2. In the left-hand menu, choose **Load Balancers** and under the Basic Configuration for the **HTTPLoadBalancing** load balancer copy the **DNS name** to your clipboard
3. In a browser window paste the DNS name of the load balancer and refresh a few times to confirm you are cycling between instances in different Availability Zones
4. You should currently have two instances running. To cause a scaling event keep refreshing your browser connection multiple times per minute over a three-minute period
5. Within a few minutes you should find that a scale-out event occurs and multiple EC2 instances are automatically launched and viewable in the EC2 Dashboard under **Instances**
6. Next, close the browser / tab that you used to connect to the Elastic Load Balancer. After around 15 minutes a scale-in event should occur and automatically terminate EC2 instances that are no longer required