

## Problem and Upload evidence of fix:

1. Go to load balancer tab
2. Select target groups tab
3. After selecting target group click edit attribute
4. Check **enable load balancer generated cookie stickiness**.

We configured AWS ELB to distribute the load on multiple web servers. We observed that the same request might get routed to a different EC2 instance. It is required to always direct request to the same instance during the session. This requirement is referred to as session stickiness.

So, we enable load balancer generated cookie stickiness.

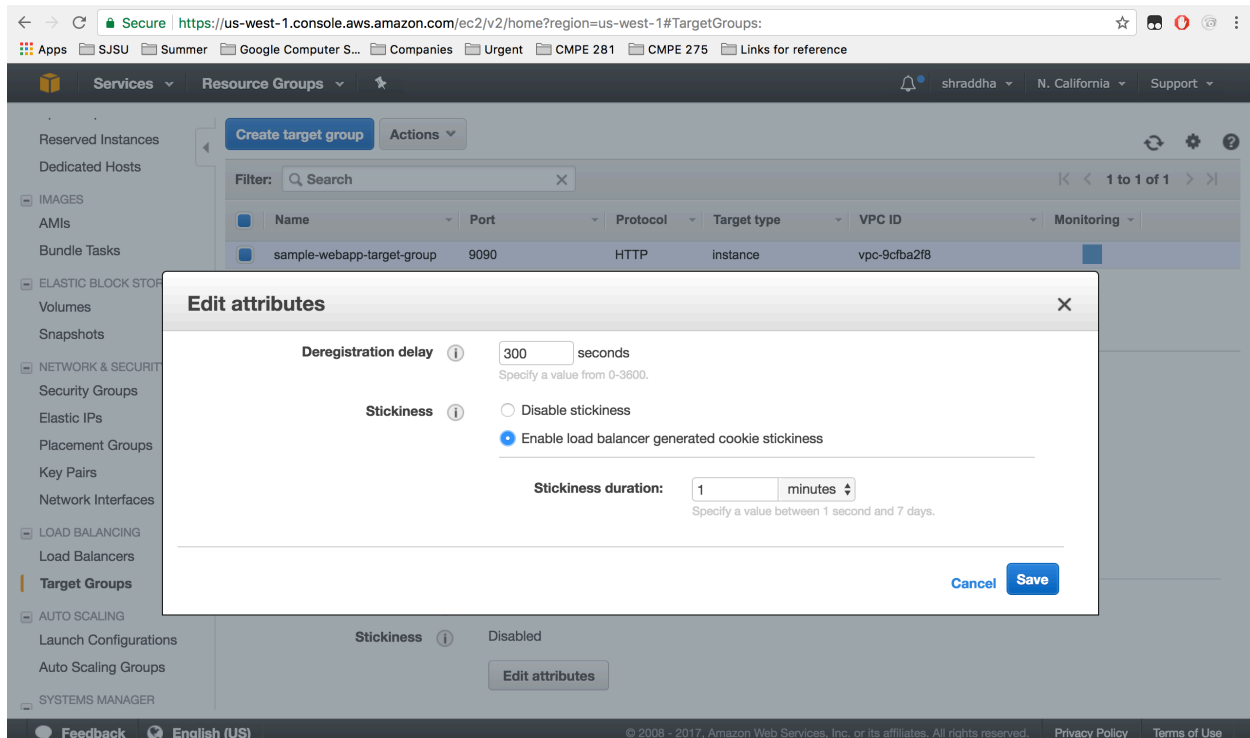
The screenshot displays the AWS Management Console interface for the 'us-west-1' region. The left-hand navigation pane shows various services, with 'Target Groups' highlighted under the 'LOAD BALANCING' section. The main content area shows the configuration for a target group named 'sample-webapp-target-group'. The configuration details are as follows:

Property	Value
Name	sample-webapp-target-group
Port	9090
Protocol	HTTP
Target type	instance
VPC ID	vpc-9cfba2f8
Monitoring	Enabled

Below the configuration details, the 'Attributes' section is visible, showing the following settings:

Attribute	Value
Deregistration delay	300 seconds
Stickiness	Disabled

An 'Edit attributes' button is located at the bottom of the attributes section.



Response:

<div> <div>GET http://ECS-first-run-alb-1944458275.us-west-1.elb.amazonaws.com:9090/</div> <div> <div>Request Headers:</div> <div> cache-control: "no-cache"  postman-token: "ee31e55a-8e0d-4a7d-8f0b-ea3e7cace4b8"  user-agent: "PostmanRuntime/6.3.2"  accept: "*//*"  host: "ECS-first-run-alb-1944458275.us-west-1.elb.amazonaws.com:9090"  accept-encoding: "gzip, deflate" </div> </div> <div> <div>Response Headers:</div> <div> date: "Sat, 23 Sep 2017 04:32:26 GMT"  content-type: "application/json"  transfer-encoding: "chunked"  connection: "keep-alive"  server: "Restlet-Framework/2.3.7"  vary: "Accept-Charset, Accept-Encoding, Accept-Language, Accept"  accept-ranges: "bytes" </div> </div> <div> <div>Response Body:</div> <div> status: "OK"  message: "Starbucks API Service: Version 3" </div> </div> </div>	<div>09:32:26.828</div> <div>200</div> <div>91 ms</div>
<div> <div>POST http://ECS-first-run-alb-1944458275.us-west-1.elb.amazonaws.com:9090/v3/starbucks/order</div> <div> <div>Request Headers:</div> <div> cache-control: "no-cache"  postman-token: "3d394fb3-25e6-47c3-93a3-41dad15c8338"  content-type: "text/plain"  user-agent: "PostmanRuntime/6.3.2"  accept: "*//*"  host: "ECS-first-run-alb-1944458275.us-west-1.elb.amazonaws.com:9090"  accept-encoding: "gzip, deflate"  content-length: 142 </div> </div> <div> <div>Request Body:</div> <div> {"location": "take-out", "items": [ { "qty": 1, "name": "latte", "milk": "whole", "size": "large" } ] } </div> </div> <div> <div>Response Headers:</div> <div> date: "Sat, 23 Sep 2017 04:34:24 GMT"  content-type: "application/json"  transfer-encoding: "chunked"  connection: "keep-alive"  server: "Restlet-Framework/2.3.7"  etag: "W/\"997258fa98176103126582b44083fda1\""  vary: "Accept-Charset, Accept-Encoding, Accept-Language, Accept"  accept-ranges: "bytes" </div> </div> <div> <div>Response Body:</div> <div> id: "34bf24bb-cdff-4d63-9d9e-b8ff56fcb6c1"  location: "take-out"  items: <div> <div>0:</div> <div> </div> </div> </div> </div> </div>	<div>09:34:24.419</div> <div>200</div> <div>269 ms</div>