

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.

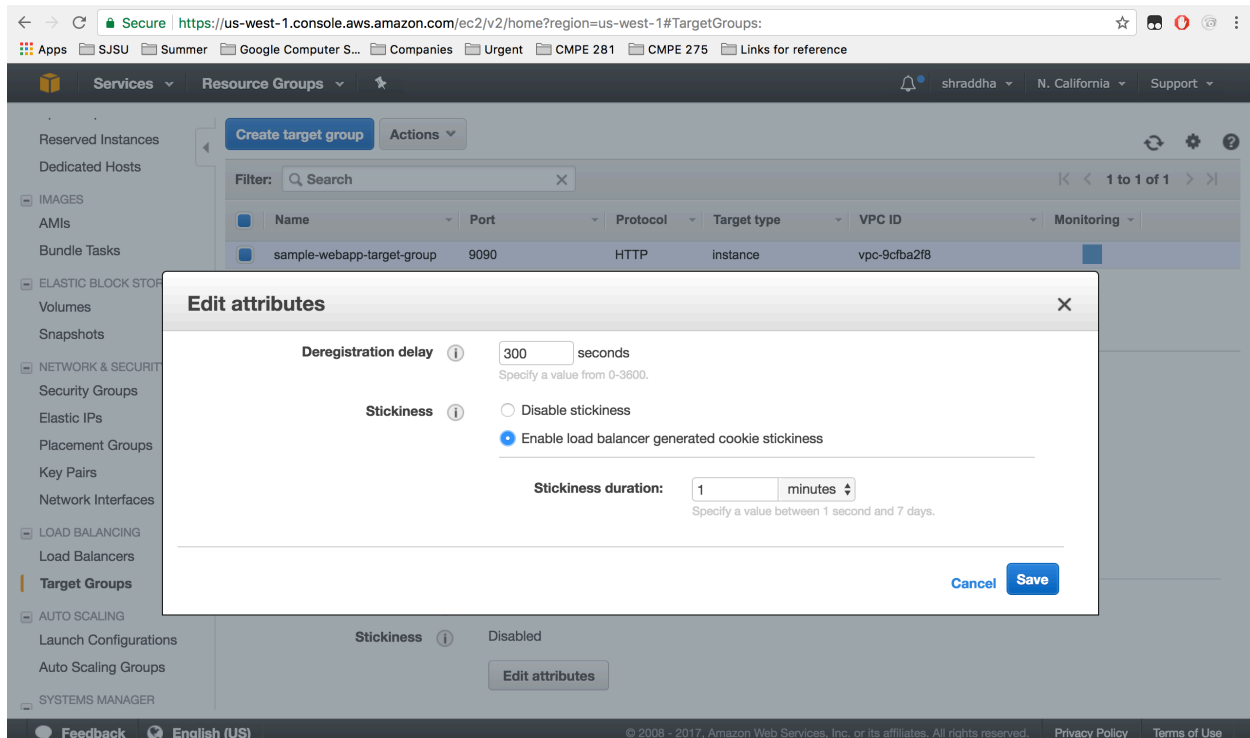
The screenshot shows the AWS Management Console interface for configuring a target group. The left sidebar contains a navigation menu with categories like IMAGES, ELASTIC BLOCK STORE, NETWORK & SECURITY, LOAD BALANCING, and AUTO SCALING. The 'Target Groups' option under 'LOAD BALANCING' is selected. The main content area displays a table with one target group: 'sample-webapp-target-group'. Below the table, the configuration details for this target group are shown, including Protocol (HTTP), Port (9090), Target type (instance), VPC (vpc-9cfba2f8), and Load balancer (ECS-first-run-alb). The 'Attributes' section shows 'Deregistration delay' set to 300 seconds and 'Stickiness' set to 'Disabled'. An 'Edit attributes' button is located at the bottom of the attributes section.

Name	Port	Protocol	Target type	VPC ID	Monitoring
sample-webapp-target-group	9090	HTTP	instance	vpc-9cfba2f8	<input type="checkbox"/>

Attributes

Deregistration delay	300 seconds
Stickiness	Disabled

[Edit attributes](#)



Response:



GET http://ECS-first-run-alb-1944458275.us-west-1.elb.amazonaws.com:9090/v3/starbucks/orders	10:44:37.882
<div>Request Headers:<div>cache-control: "no-cache" postman-token: "453fd712-fcdf-45bd-ba4b-3cb969e7f57c" user-agent: "PostmanRuntime/6.3.2" accept: "*//*" host: "ECS-first-run-alb-1944458275.us-west-1.elb.amazonaws.com:9090" cookie: "AWSALB=CX3VDJAxxlwjtuJ3nQxlbq0IP8jWcMjck1A2BdkKxwJWJcj5KvJ8zkWxNUAw8G2B/ngmUpT+snqXmeR+4fJg0S51sOmL2RlguG7jeExTxmBUwcQATkgSNqP3jBm" accept-encoding: "gzip, deflate"</div></div>	200 941 ms
<div>Response Headers:<div>date: "Sat, 23 Sep 2017 05:44:38 GMT" content-type: "application/json" transfer-encoding: "chunked" connection: "keep-alive" set-cookie: "AWSALB=tUaabXfw6pKfczee3tGQw3VYwRqYPAAZqv09/9itGcmh8fmSuZnravngQPXRkQwiWdRVlWlWm3YTJ9fLitoYjRXlJwBy0VvKu0ME4qZnzkrTTjpfWb0efpsrzMFV; Expires=Sat, 30 Sep 2017 05:44:38 GMT; Path=/" server: "Restlet-Framework/2.3.7" vary: "Accept-Charset, Accept-Encoding, Accept-Language, Accept" accept-ranges: "bytes"</div></div>	
<div>Response Body:<div><div>0:<div><div>id: "34bf24bb-cdff-4d63-9d9e-b8ff56fcb6c1" location: "take-out"</div><div>items:<div>0:<div><div>qty: 1 name: "latte" milk: "whole" size: "large"</div></div></div></div><div>links:<div>payment: "http://ecs-first-run-alb-1944458275.us-west-1.elb.amazonaws.com:9090/v3/starbucks/order/34bf24bb-cdff-4d63-9d9e-b8ff56fcb6c1/pay" order: "http://ecs-first-run-alb-1944458275.us-west-1.elb.amazonaws.com:9090/v3/starbucks/order/34bf24bb-cdff-4d63-9d9e-b8ff56fcb6c1" status: "PLACED" message: "Order has been placed."</div></div></div></div></div></div>	