#### History

EC2

Certificate Manager

Console Home

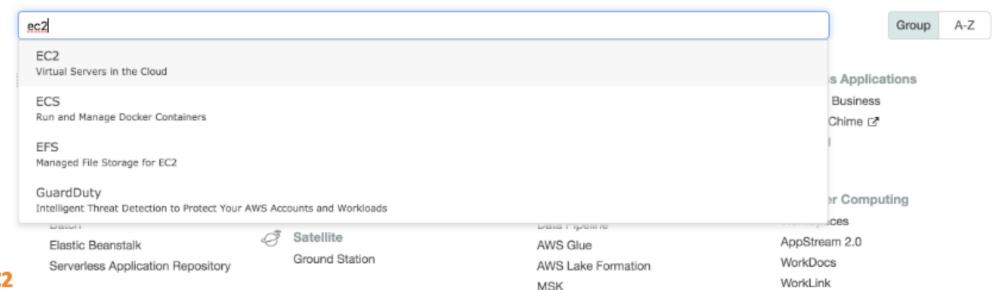
CloudFormation

Lambda

MAI

# Step 1:

Navigate to EC2





#### Storage

S3

EFS

FSx

S3 Glacier

Storage Gateway

AWS Backup



#### Database

RDS

DynamoDB

ElastiCache



## Management & Governance

AWS Organizations

CloudWatch

AWS Auto Scaling

CloudFormation

CloudTrail

Config

OpsWorks

Service Catalog

Systems Manager

Trusted Advisor

Control Tower

Managed Services

• clo



IAM

Resource Access Manager

Cognito

Secrets Manager

GuardDuty

Inspector

Amazon Macie 🗷

AWS Single Sign-On Certificate Manager

Key Management Service

CloudHSM



## Internet Of Things

IoT Core

Amazon FreeRTOS

IoT 1-Click

IoT Analytics

IoT Device Defender

IoT Device Management

IoT Events

IoT Greengrass

IoT SiteWise

IoT Things Graph



EC2 Dashboard New

Events New

Tags

Reports

Limits

#### **▼ INSTANCES**

Instances

Instance Types

**Launch Templates** 

Spot Requests

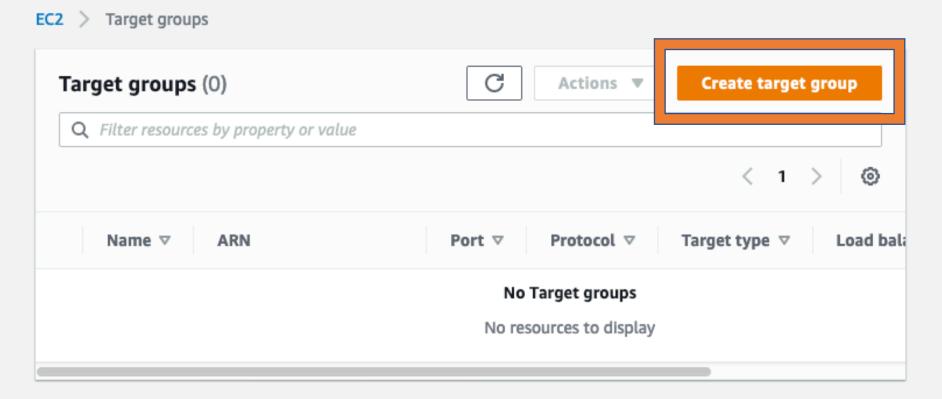
Savings Plans

Reserved Instances

Dedicated Hosts New

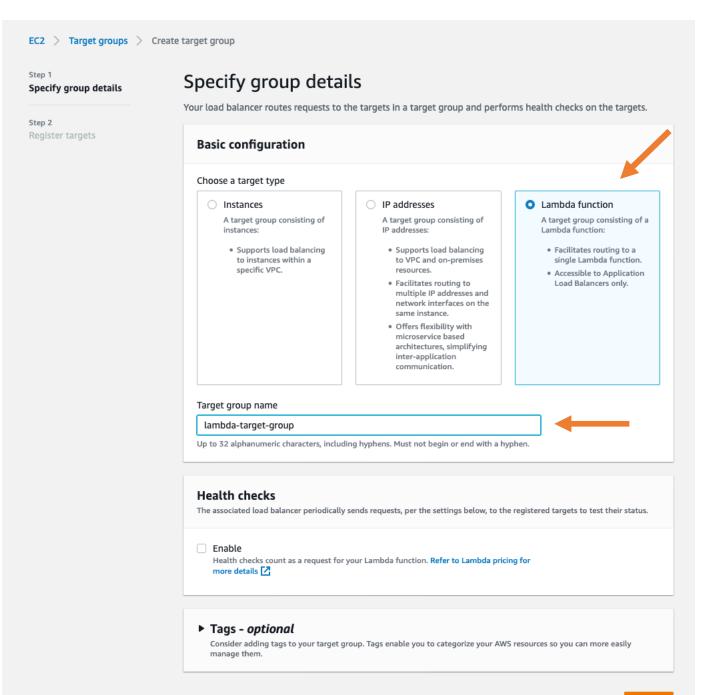
Scheduled Instances

**Capacity Reservations** 



# Step 2:

Select "Create target group"



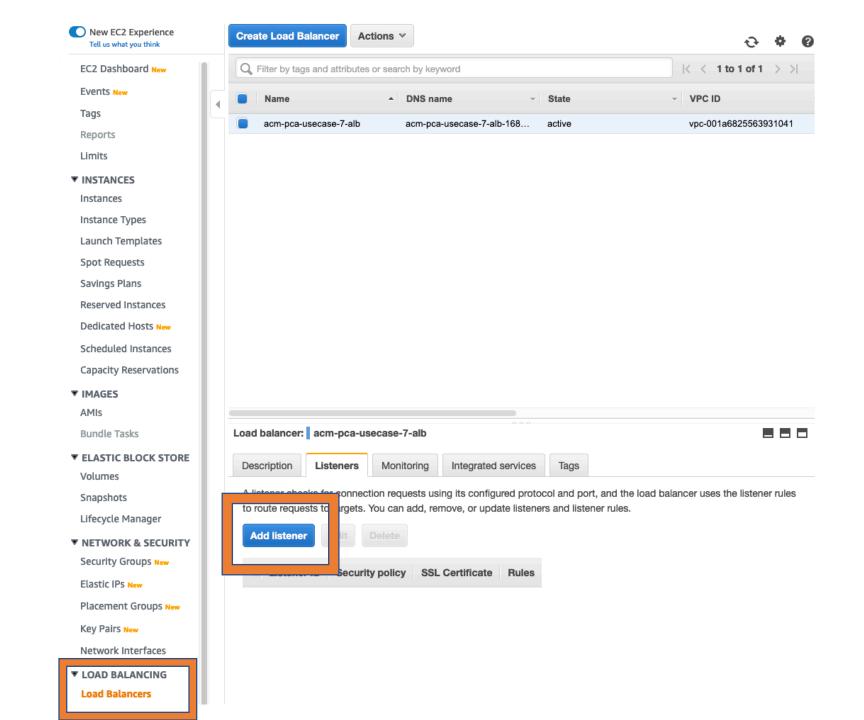
## Step 3:

- Target type: Lambda function
- Name it: lambda-target-group
- Click next

Step 4: Choose: builders-lambda-origin-one EC2 > Target groups > Create target group Click 'Create target group' Step 1 Register targets Specify group details You can register and deregister targets at any time. You can leave your target group empty if you wish. Step 2 Register targets Lambda function You can specify a single Lambda function as the target O Choose a Lambda function from list or create function builders-lambda-origin-one Version Alias \$LATEST Enter a Lambda function ARN. Lambda [2] Add a function later Create target group Previous Cancel

## Step 5:

- Navigate to 'Load Balancers'
- Go to Listeners Tab
- Click on 'Add listener'



### acm-pca-usecase-7-alb | Add listener

Listeners belonging to Application Load Balancers check for connection requests using the protocol and port you configure. Each listener must include a default action to ensure all requests are routed. Once you have created your listener, you can create and manage additional routing rules as needed. Learn more

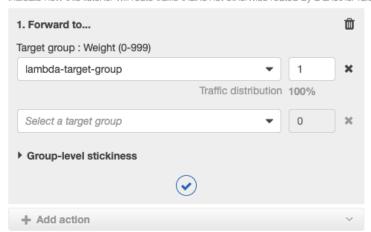
#### Protocol: port

Select the protocol for connections from the client to your load balancer, and enter a port number from which to listen to for traffic.



#### Default action(s)

Indicate how this listener will route traffic that is not otherwise routed by a another rule.



## Step 6:

- Select protocol as **HTTPS**
- Forward to lambda-target-group. This is the lambda function with the HTML code that's behind the ALB
- Leave the security policy as default
- For **Default SSL Certificate** Select **From ACM** and the private certificate that you created earlier
- Don't forget to click Save on top right of the screen

# Security policy ELBSecurityPolicy-2016-08 ▼ Default SSL certificate From ACM (recommended) ▼ acm-pca-usecase-7-alb-1883777602.us-west-2.elb.amazona... ▼