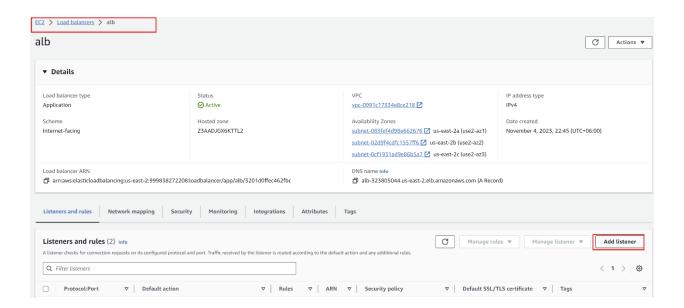
Configure SSL in ALB



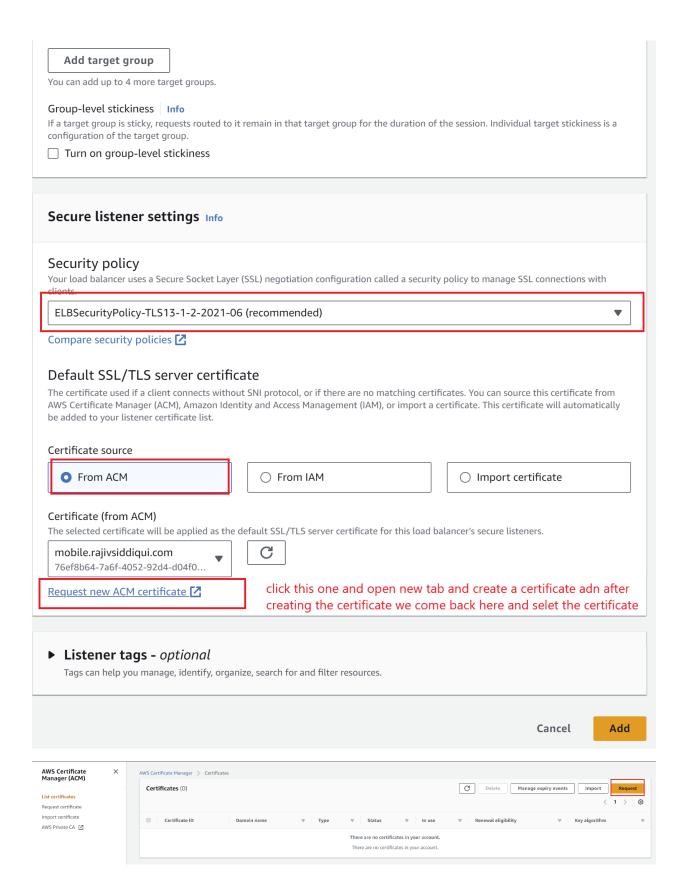
EC2 > Load balancers > alb > Add listener

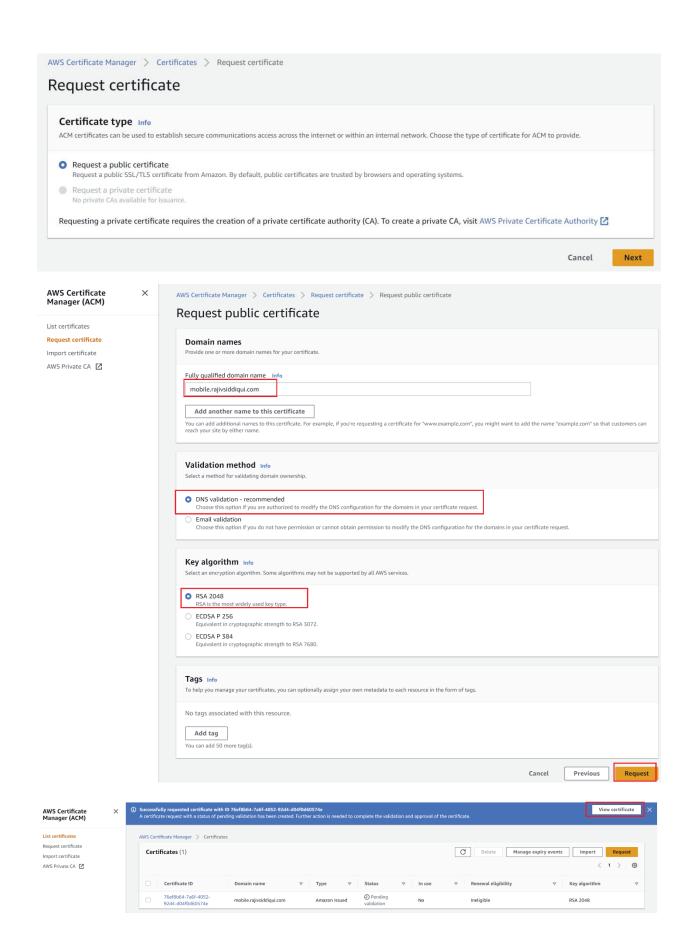
Add listener Info

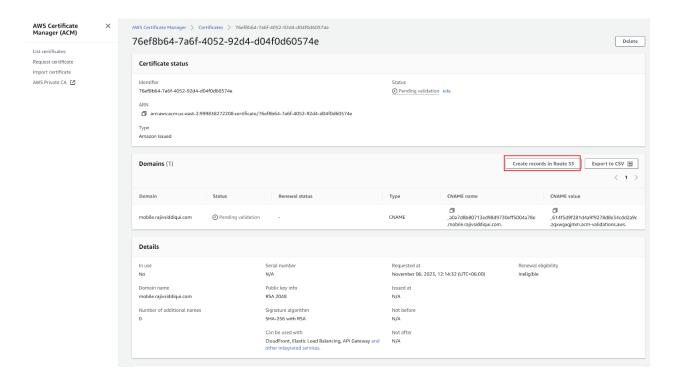
Add a listener to your Application Load Balancer (ALB) to define how client requests and network traffic are routed within your application. Every listener is made up of a default action that's required and can only be edited. Additional rules can be added, edited and deleted from the listener.

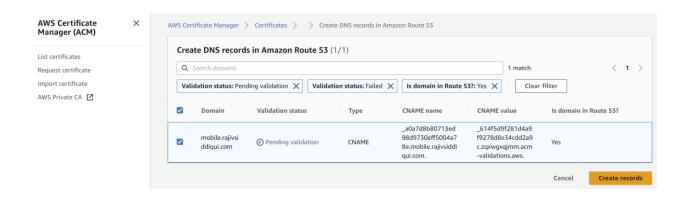
▶ Load balancer details: alb

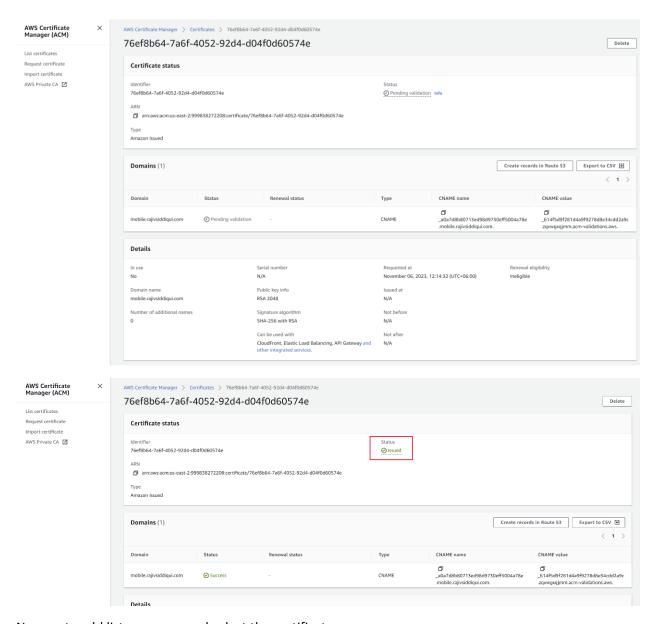
Listener details: HTTPS:443 A listener checks for connection requests using the protocol and port that you configure. The default action and any additional rules that you create determine how the Application Load Balancer routes requests to its registered targets. Listener configuration The listener will be identified by the protocol and port. Protocol Port Used for connections from clients to the load balancer. The port on which the load balancer is listening for connections. HTTPS 443 1-65535 Default actions Info The default action is used if no other rules apply. Choose the default action for traffic on this listener. Authentication Info ☐ Use OpenID or Amazon Cognito Include authentication using either OpenID Connect (OIDC) or Amazon Cognito. **Routing actions** O Redirect to URL Forward to target groups Return fixed response Forward to target group Info Choose a target group and specify routing weight or Create target group <a>Z. Weight Target group Percent 100% HTTP C tq-alb 1 Target type: Instance, IPv4 0-999



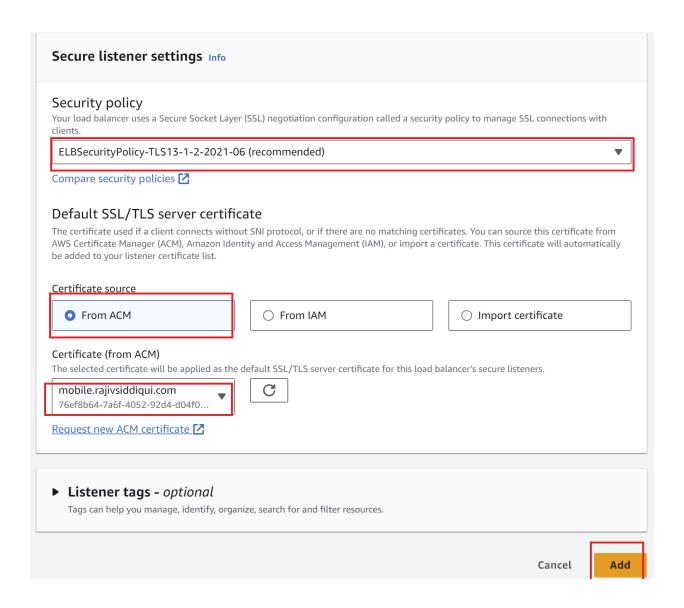






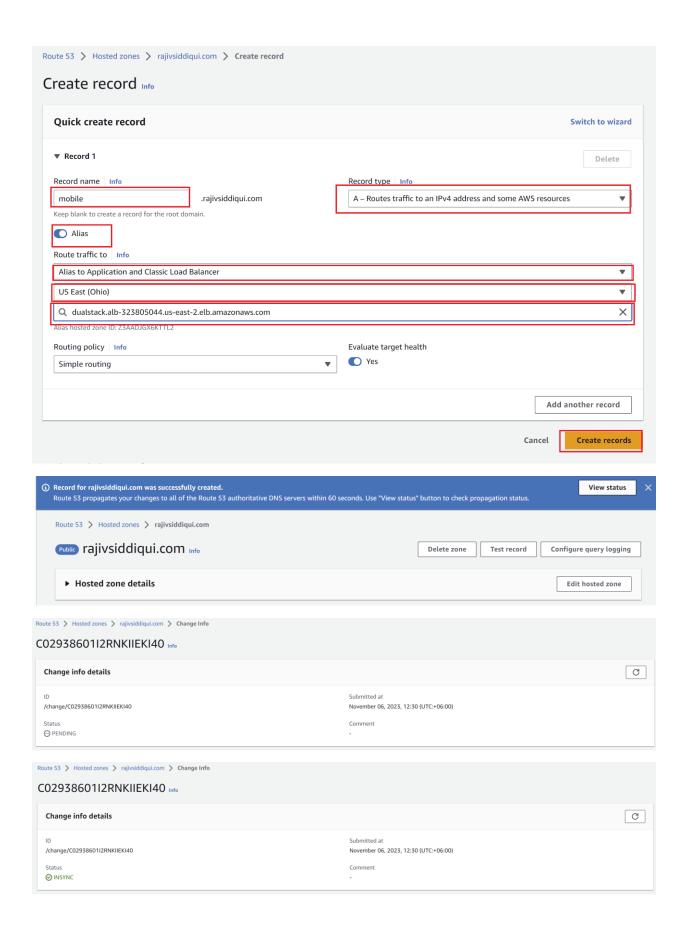


Now go to add listener page and select the certificate



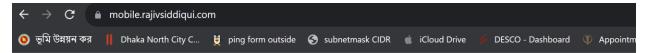
Now click add

Now go to the route 53 add a record mobile.rajivsiddiqui.com



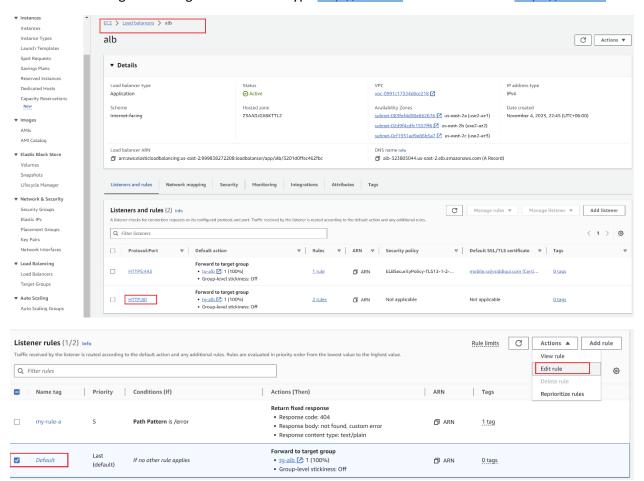
Now we can browse our page by SSL

https://mobile.rajivsiddiqui.com



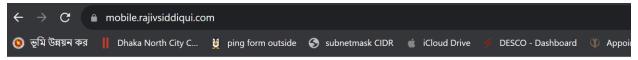
Hello World from ip-172-31-15-142.us-east-2.compute.internal

Now need to change one thing which is if user type http://doamin then it redirect to https://doamin the statement to s



Listener configuration The listener will be identified by the protocol and port.				
Protocol Used for connections from clients to the load balancer.	Port The port on which the load balancer is listening for connections.			
HTTP ▼	80			
	1-65535			
Default actions Info The default action is used if no other rules apply. Choose the default action for traffic on this listener. Routing actions				
Forward to target groups	edirect to URL		Return fixed	response
Redirect to URL Info Redirect client requests from one URL to another. You can one of the following components: protocol, port, hostnam URI parts Full URL Protocol Used for connections from clients to the load balancer. HTTPS Custom host, path, query	Port The port on which 443 1-65535 or to reta	the load balancer	t modify retain their is listening for conne t enter #{port}	
Select to modify host, path and query. If no changes are made, settings from the request URL are retained. Status code				
301 - Permanently moved ▼				
► Listener tags - optional Consider adding tags to your listener. Tags enable you to categorize your AWS resources so you can more easily manage them.				
			Cancel	Save changes

Now if we browse http://mobile.rajivsiddiqui.com it will redirect to https://mobile.rajivsiddiqui.com it will redirect to https://mobile.rajivsiddiqui.com



Hello World from ip-172-31-12-179.us-east-2.compute.internal