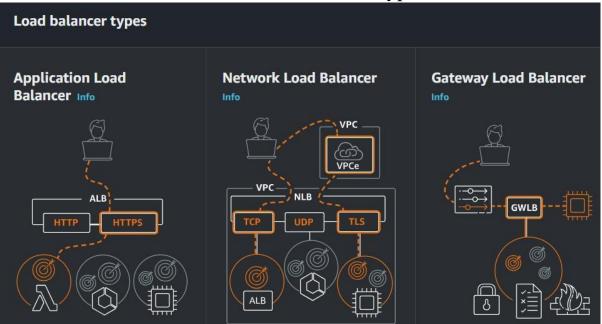
Creating Load Balancer

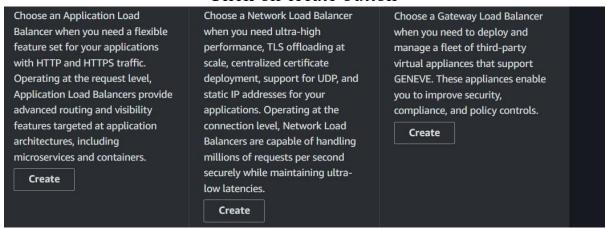
click on create load balancer



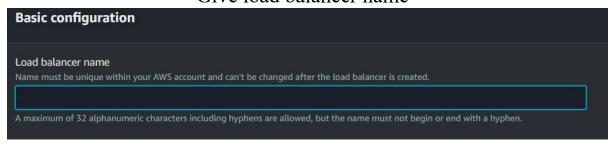
choose an load balancer type



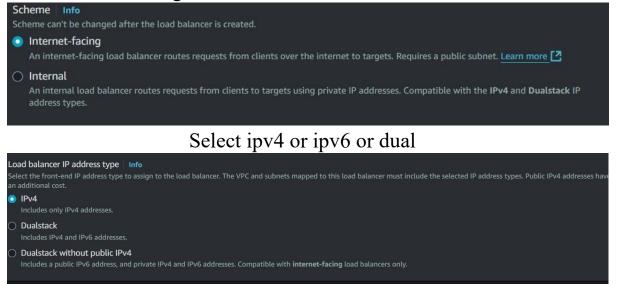
Click on create button



Give load balancer name



Select an scheme based upon your vm ,, like frontend instance means internet facing , backend instance means internal



Select vpc,, where your load balncer should be located

Network mapping Info	
The load balancer routes traffic to targets in the selected subnets, and in accordance with your IP address settings.	
VPC Info The load balancer will exist and scale within the selected VPC. The selected VPC is also where the load balancer targets must be hosted unless ro using VPC peering. To confirm the VPC for your targets, view target groups [2]. For a new VPC, create a VPC [2].	uting to Lambda or on-premises targets, or if
- vpc-079471e1f2ea7de9e	C
Mappings Info	

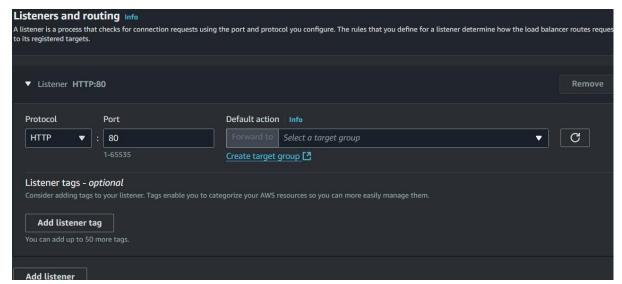
select an subnets where your load balancer should mange load based upon your subnets which you mentioned.

Mappings Info Select at least two Availability Zones and one subnet per zone. The load balancer routes traffic to targets in these Availability Zones only. Availability Zones that are not supported by the lobalancer or the VPC are not available for selection.
Availability Zones
ap-south-1a (aps1-az1)
ap-south-1b (aps1-az3)
ap-south-1c (aps1-az2)

Select security group,, or you have to create an security group for your load balancer and select that security group.

Security groups Info A security group is a set of firewall rules that control the traffic to your load balancer. Select an existing security group	p, or you can create a new security group [건.
Security groups Select up to 5 security groups default	▼ C

Mentions listerns,, source target group,, and you have to create an target group as well before it self.



Give an tags which will be useful for recognize purpose

▼ Load balancer tags - optional Consider adding tags to your load balancer. Tags enable you to categorize your AWS resources so you can more easily manage them. The 'Key' is required, but 'Value' is optional. For example, you can have Key = production-webserver, or Key = webserver, and Value = production.
No tags associated with this load balancer.
Add new tag You can add up to 50 tags.

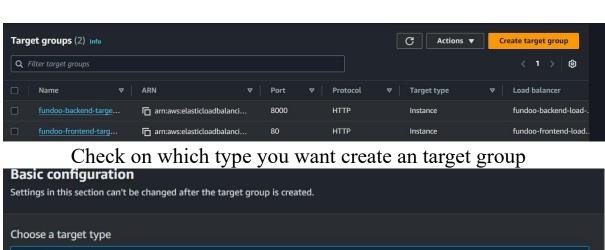
Check once whatever you have give and mentions details of load balancer

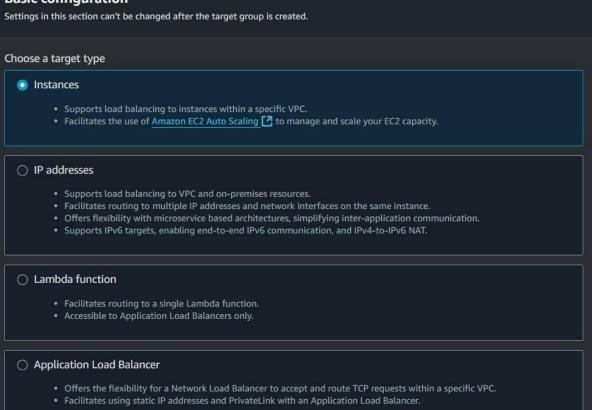
Summary Review and confirm your configurations. Estimate cost [2]					
Basic configuration Edit Load balancer name not defined Internet-facing IPv4	Security groups Edit • default sg-0c5996b74ed43e9b0	Network mapping Edit VPC vpc-079471e1f2ea7de9e Subnet not defined	Listeners and routing Edit • HTTP:80 defaults to Target group not defined		
Service integrations Edit AWS WAF: None AWS Global Accelerator: None		Tags Edit None			
Attributes ① Certain default attributes will be applied to your load balancer. You can view and edit them after creating the load balancer.					

Finally click on create load balancer you successfully created an load balancer



Create target group
Click on create load balancer





Give an target group name in meaning full way ..

larget group name					
A maximum of 32 alphanumeric characters incl	uding hyphens are allowed, but the name must not begin or end with a hyphen.				
Give port					
	responds to the Load Balancer type that will route traffic to it. Some protocols now include et mitigation options once your target group is created. This choice cannot be changed				
НТТР	▼ 80				
	1-65535				

Select ip address type

IP address type

Only targets with the indicated IP address type can be registered to this target group.

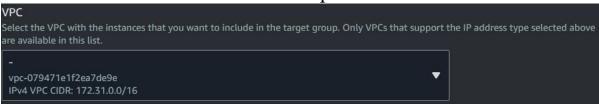
O IPv/

Each instance has a default network interface (eth0) that is assigned the primary private IPv4 address. The instance's primary private IPv4 address is the one that will be applied to the target.

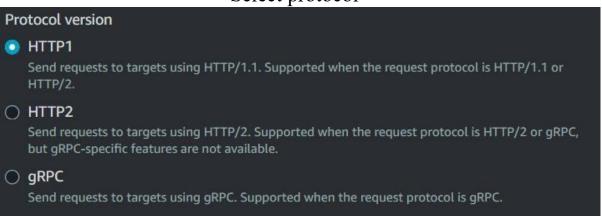
□ IPv€

Each instance you register must have an assigned primary IPv6 address. This is configured on the instance's default network interface (eth0). Learn more

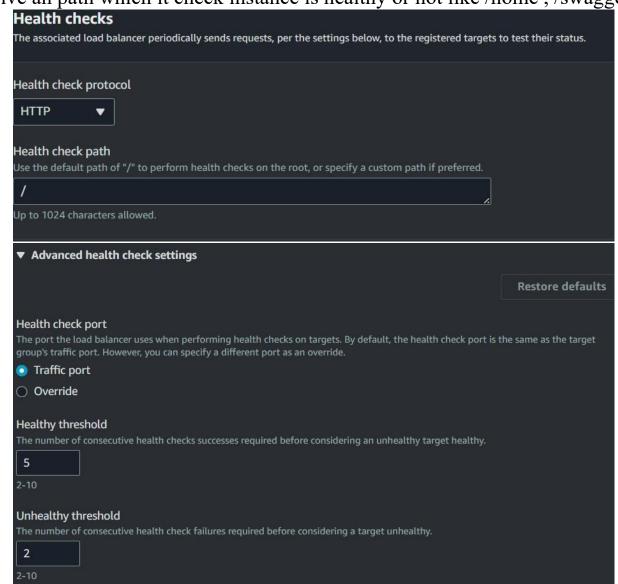
Select vpc

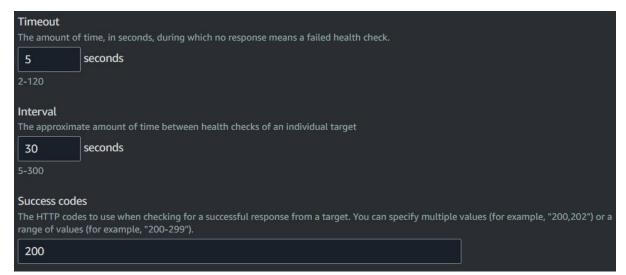


Select protocol

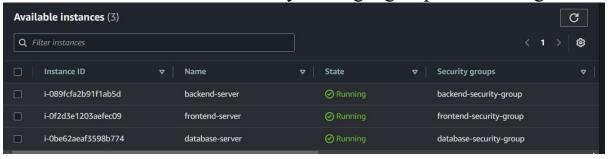


Give an path which it check instance is healthy or not like /home, /swagger

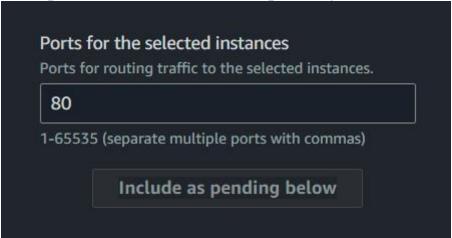




Select an instance for which your target group should assign



Give port ,, click on include as pending belowbutton



Click on create button

