

PAGE 44 DATE DATE DATE
#ELB Types:
· Application Load Balancer (ALB)
Network Load Balancer (NLB)
· Gateway Lad Balancer [GW18]
· Claruc Lead Balancer [C1B]
ELB Schemes
· Internet-facing: ELB nodes Raving Bublic IP addresser.
The state of the s
Internal: ELB nodes have private IP
Both internet-facing and internal load balancer
private IP addresses. Therefore, your target de net need bublic IP addresses to receive
request from an internal or an internal
ELB Target Types: ELB distribute infaming +xellic to!

PAGE 45 · Instance [602, 602 with Auto Scaling, Containers with ECS) · IP addresses [VR Subnets, RFC 1918CIDR, On-Fremiser with Direct Connect Or Site-to-Side VPN · Lambda functions (for AIB type) # ELB Components Architecture Land Balancer Rule 48 tener Ruly Rule Listener (Tarnet) Frank Torget) (Target) Target (Health) Tarrel Target Group (Health CHeck ELB Lord Balancer serves as a single point of Conket for clients and distributes incoming application + raffic across multiple in multiple Availability Zones. EKS

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DATE | | | | | | | PAGE 46 18 teners: · Listener Check for Connection request from Clients using probable and port that you Configure · Listenex Lefines hew your inbound

Connections are routed to your largest

groups based on rules.

For every load Balancer, you must

Configure of least one lister. Rules: The rules that you define for a listener determine how to load beloncer route requires to its registered to rights. · Each rule Consist of priority, one or more actions, and one or more Conditions Gach listener ben a default rule and you can opposely define additional Torget Groups · A target group is a group of resources
their you want your ELB to route
request to

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	· You can Combanto / How IEVB to mute
	Yesquest to WAL
11.60	Leveline Thethe for worden the it
20	You Can Configure your ELB with a number of different target groups, each associated with different listener Configuration and
	different target groups, each associated
	with different listener Configuration and
1	associated rules.
	11
	e Each target group routes requises to one Of more registered targets, such as 602 Inskince, using the protocol and fort number their you specify.
	Or more registered targets, such as ECZ
	Inskince, Using the protocol and fort number
1000	their you specify.
	The state of the s
	· You can register a target with multiple
	kriget groups.
261/11	=> Health Check >> To discover the availability of
4	Jour forgets (eg. ECZ inskince)
\	a local halomest bernalically 80nd bings
	Ottombly Connections or sends regulate to text
	the GC2 is instence. These tests exe called
	attempts Connections or sends requests to text the GC2 is instance. These texts are called feelth Checks.
	10541 Struggy
	· You can Configure keelth Check on ker
10018	· You can Configure kealth Check on her largest group basis
9	days been been the CLIS or will
	disting it
BKS	

10/12/2021 DATE | | | | | | PAGE 48 # ELB Ky Roints for adding clasticty to your application · ELB dees not have defined IPM addresses it is resolved using DNS name. ond not across multiple regions. · You Can skarfy only one sybnet her
Availability Zone (AZ). · ELB Les more then one listeners. e.y 11719, · For internet-faint load belancer, the IRY by AWS. For internal land beforers, the DPV4 address are assigned from the subust CTDR. To ensure the fraffic 18 evenly distributed you need to ensure the "Cross-Zone Lead blancing" Obtion 18 english.