

PAGE 59 IF Features: · Layer 4 (Connection - band) Load Balancing: You can load TCP and UDP fraffic, routing Connections to targets - 602 instances, microservices and Countainers. · Low Latency: NIB Office extremely low lextencies

for latency - sensitive application.

NIB Ras quility to Landle Voletile workbods

and scale to millions of request ker seemd

and brivide the best throughput. · TLS Offlooding: NLB supports client TLS Servion termination Concryption & decryption. This embles you to affect to The local belonger, while preserving the source of address for your back-end application. · Preserve Source IP address: MB preserves that client side surve pp allowing back-end to see the IP address of the client. This can then be used by application for further eks

	DATE
	DATE DATE
	PAGE 60
and it	the state of the s
	1 to Ol, board
U Thr	Steets 1P Support > NLB automotically prival
	State 1P Support > NLB outomatically production of State IP few Availability
ed a	2ene & Csybnes) that can be used by cipplication as the front end IP of the lead belancer.
	Zone & (840 next) Then Con the total
	as the brint end IP of the lead agapter.
	W The from the
THE	at the sup of a college you the
-	Clastic IP support - NLB also allers you the
ciu 1	obtion to any a with
	IP bes Availability Zone (Subret) theye by briding
cius	IP PER KNOWLENDES ZONE COLORS
	your own fixed 8P.
C III	CIL P. Chhy SMADA (SOUXCO TP Glini4)
	Shehy Sermons - Shey sermon (Source IP affinity)
	OXA MACKANISM THE STUDY
	V. some alliest to the summe target.
C MIN	Stickiness is defined at the target grup level.
	SACRINES 18 DEPART OF THE 19-12
	Lang-lived TCP Connections - NLB Supports leng-lived
	Long-lived TCP Connection - NIB supports leng-lived TCP Connection their are
700	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CHIL	ideal for websocket type of application
	A CONTRACTOR OF THE PARTY OF TH
THE STATE OF THE S	a A god time xIIR can be anabled in a
The state of the s	Lemal Isalation - NZO COIL WILLIAM TO
	Single. Hvalability Lone to
	Support oxplicted thet require sond ixalshow
The same of the sa	NIZ to live I for All alle to and tackers
	NIB 18 designed for opportunity Grande 44401
2	10 - a 8m de 20ne Hawaver, It 18 recommend to
	Conhairs the land belonger and Lorget in
3	multiple Die De Del De De La Colle
	Mysipse 1145 for ucherny Ly granding
	Professional Control of the Control
BIG	

13/12/2021 DATE | | | | | | | | PAGE 6 / DNS feil-OVIV - If there ore no healthy
targets registered with the

NLB OX If NLB nucles in a gran

Dene are unkealthy, then Amazon

Route 53 will direct traffic to load
balancer nodes in other As: Integration with Routes 3 - In the exent their your NIB is unxusponsive integration with Route 53 will remove the unavailable load balance IP address from service and obsect traffic to the alternate NLB in another Integration with AWS services - NLB is integrated with other ATB ANS Service Such as Flyto scaling, Electic Containers Service (ECS), Clastic Been Stelk, AWS Cortificate Manager CACM, Claud Watch Config, Cloud Trail, Code Deploy and Cloud forms APT Support - MB Load Belancer (ALB). This will imple you to work with target growps Lealth Checks, and lead balance across

PAGE 62 multiple box's on the same ECZ instance to support Containerised application Key Points: 1. NLB operates at Connection level. 2. You Cannot associate Security Graip with NIB. 3. You can select only one Sylnet for Avail, UA; 9. NLB is more expensive as Compare to other AWS LB: J. Both Classic LB and ALB use Connection multiplexing, but NIB dang. 6. NLB support for registering target by

IP address, including targets outside the

VPC for the lead belonger 1. NLB supports for routing requests to militale abblications on a single ECZ instance User can register leach instance at IP address with the same target group using multiple

13/12/202) DATE | | | | | PAGE 63 NLB with TCP & TLS Listeners can be und to setup Privatelink. You connet soup

Privatelish with UPP listener on NLB. and DNS failover features to enhance
the availability of the application Junning behind NIB'S You can monitor and analyze traffic batterns & troubleshoot issues with cloud watch metrics , VPC flow Logs & cleral Trail logs. For TP traffic, the NLB Salects a kinger Using a flow Lesh algerithm bared on the probocal source IP address, source hart, and destination IP address, distination borst of Sezuence number 80 me hort both 1CP and UDP on the 80 me hort , create a TCP UDP listener. The kinget grups for TCP UDP listener must ure the TCP UDP putacel.