We would like to move the public IP addresses of the NAT Gateways in QA, staging and prod to NAT Gateways in the newly created Egress-VPC. This would create a single point of egress to all payment providers and remove the need to have additional public IP's whitelisted in the future as new QA environments are built.

Payment Provider

KEY

- - - - proposed NATgw Connectivity
· · · · · Current NATgw Connectivity

886422109205 (Production)
Region: Oregon US-West-2

Prod Egress VPC

Public Route Table(combined rules)		Private Route Table(combined rules)	
10.32.128.0/23	local	10.32.128.0/23	local
0.0.0.0/0	igw-01d550eb7a06cd0f4	0.0.0.0/0	nat-0a7c073f4076c44f673
10.10.0.0/16	tgw-051b3b455f4790f49	0.0.0.0/0	nat-0c1fcd2f9dced79286
10.120.0.0/16	tgw-051b3b455f4790f49	0.0.0.0/0	nat-0a72cd5e0a903729a

3AZ with 3 NAT Gateway
Us-west-2a - nat-0c1fcd2f9dced79286 - 52.43.105.77
Us-west-2b - nat-0a72cd5e0a903729a - 44.236.02.129
Us-west-2c - nat-073ad07076c44f673 - 44.235.188.193

Prod-egress-VPC
Subnet : 10.32.128.0/23
vpc-080f39d4611c8cfea

us-west-2a us-west-2b us-west-0c

542735611355 (Catalina Production)
Region: Oregon US-West-2

Catalina-Prod-VPC
Subnet : 10.120.0.0/16
vpc-004e5bf1abddefae5

Private subnet AZ-2A
Private subnet AZ-2B
Private subnet AZ-2C

Egress VPC

Public Route Table(combined rules)		Private Route Table(combined rules)	
10.120.0.0/16	local	10.120.0.0/16	local
0.0.0.0/0	igw-030fc49e431a205c0	0.0.0.0/0	tgw-051b3b455f4790f49

tgw-051b3b455f4790f49

0.0.0.0/0 via TGWxt

0.0.0.00 via TGW
NOT YET FORWARDED

0.0.0.00 via TGW

Prod-microservices-VPC
Subnet : 10.10.0.0/16
vpc-01b022d12e989e96e

Private subnet AZ-2A
Private subnet AZ-2B
Private subnet AZ-2C

Prod-microservices-VPC

Public Route Table(combined rules)		Private Route Table(combined rules)	
10.10.0.0/16	local	10.10.0.0/16	local
0.0.0.0/0	igw-0099cccbd237ea0ff	0.0.0.0/0	tgw-051b3b455f4790f49

Production
Subnet : 10.95.0.0/16
vpc-081cb0f3b37931b94

3AZ with 2 NAT Gateway
Us-west-2a - 52.12.36.191
Us-west-2b - 35.167.138.202

Private subnet AZ-2A
Private subnet AZ-2B
Private subnet AZ-2C

Production

Public Route Table(combined rules)		Private Route Table(combined rules)	
10.95.0.0/16	local	10.95.0.0/16	local
0.0.0.0/0	igw-0cbb05655b28cefdf	0.0.0.0/0	nat-0e3384b0e0a6720f8
		0.0.0.0/0	nat-08feeb0d05156263a0