弹性ip-elastic ip

弹性ip，尽量不要用它，仅作了解

Elastic IPs

- When you stop and then start an EC2 instance, it can change its public IP.
- If you need to have a fixed public IP for your instance, you need an Elastic IP
- An Elastic IP is a public IPv4 IP you own as long as you don't delete it
- You can attach it to one instance at a time

Elastic IP

- With an Elastic IP address, you can mask the failure of an instance or software by rapidly remapping the address to another instance in your account.

- You can only have 5 Elastic IP in your account (you can ask AWS to increase that).

- Overall, try to avoid using Elastic IP:
  - They often reflect poor architectural decisions
  - Instead, use a random public IP and register a DNS name to it
  - Or, as we'll see later, use a Load Balancer and don't use a public IP

Elastic IP
Pricing

- You don't pay as long as the Elastic IP is attached to a **running** EC2 instance
- You start paying if the EC2 instance is stopped
- In which case, the pricing is :
  - $0.000 for one Elastic IP address associated with a running instance
  - $0.005 per additional Elastic IP address associated with a running instance per hour on a pro rata basis
  - $0.005 per Elastic IP address not associated with a running instance per hour on a pro rata basis
  - $0.000 per Elastic IP address remap for the first 100 remaps per month
  - $0.100 per Elastic IP address remap for additional remaps over 100 per month

参考视频: https://www.youtube.com/watch?v=h-yOoHbH_Dw