Amazon VPC-2

AGENDA

- VPC Solutions

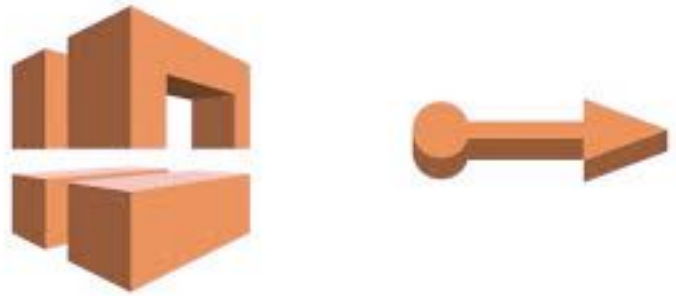
-Elastic IP

-Bastion Host /Jump Box

-NAT Gateway

-NAT Instance

Elastic IP

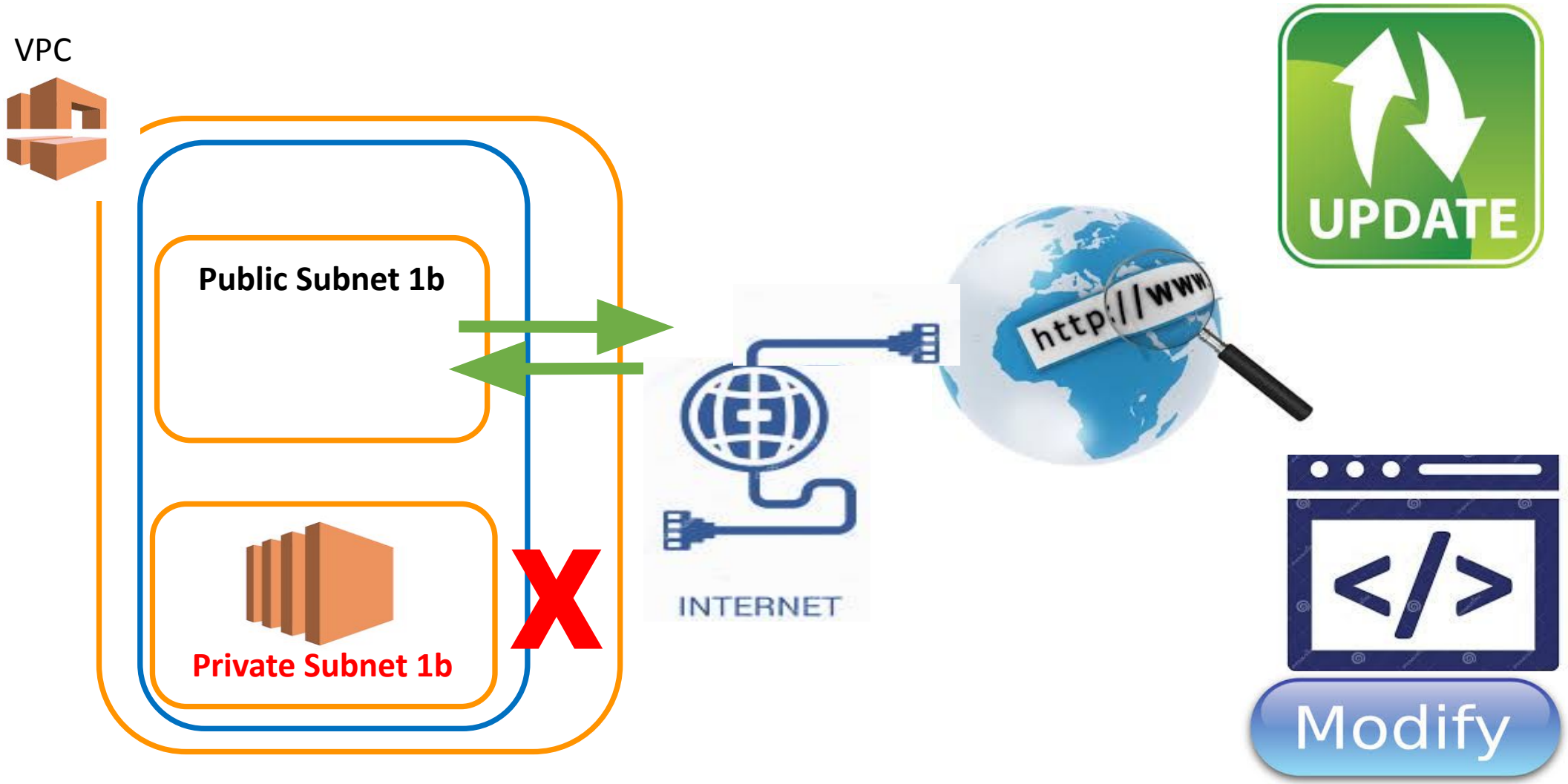


- An Elastic IP address is a Static IPv4 Address

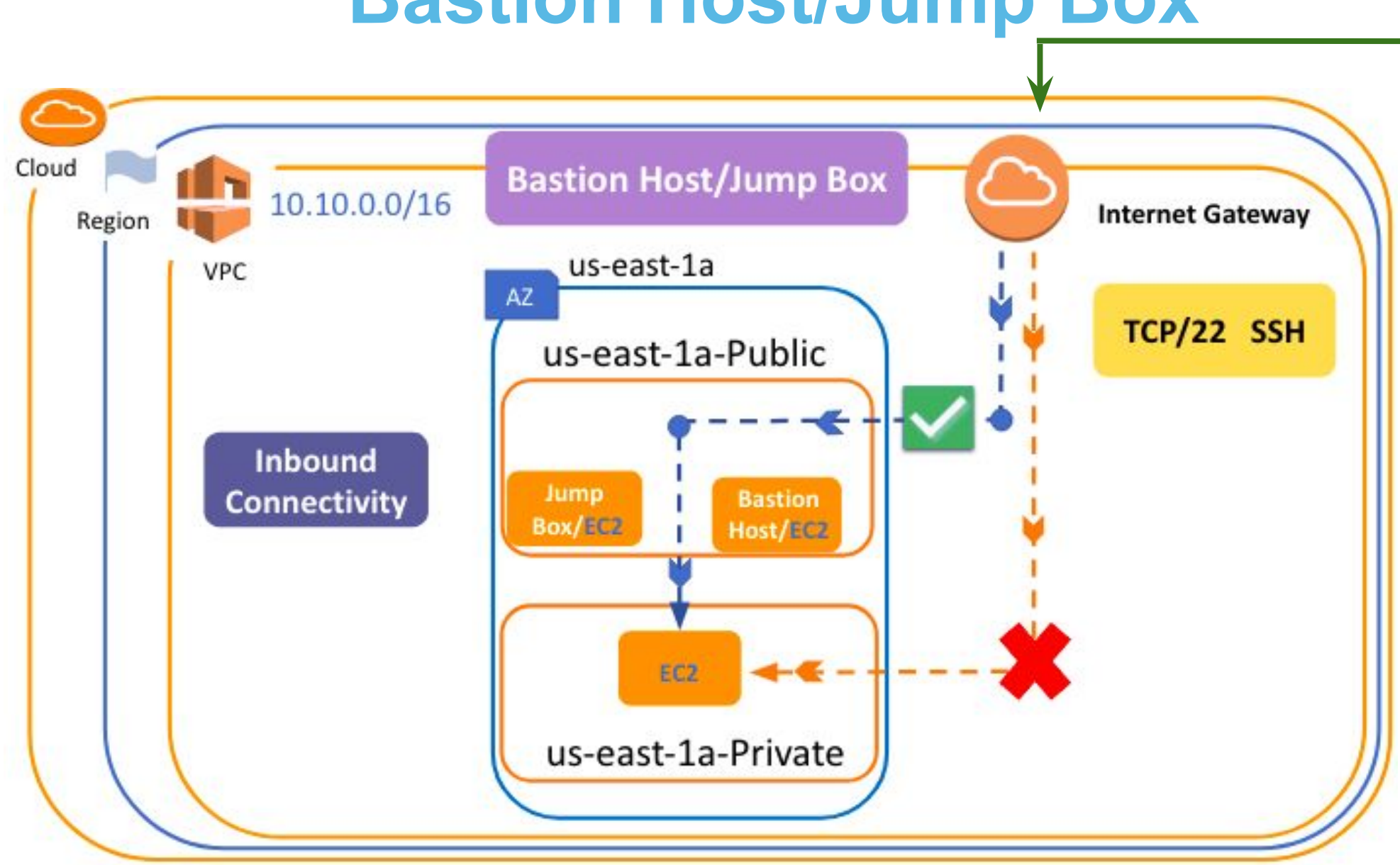
- Legal requirement for some applications or license policy to may render you to use static IP. In addition, some AWS components/services such as NAT Gateway and Route 53 may need Elastic IP.

- Elastic IP is cost same as public IPv4 address. You will be charged for each EIP if you reserve and not use it.

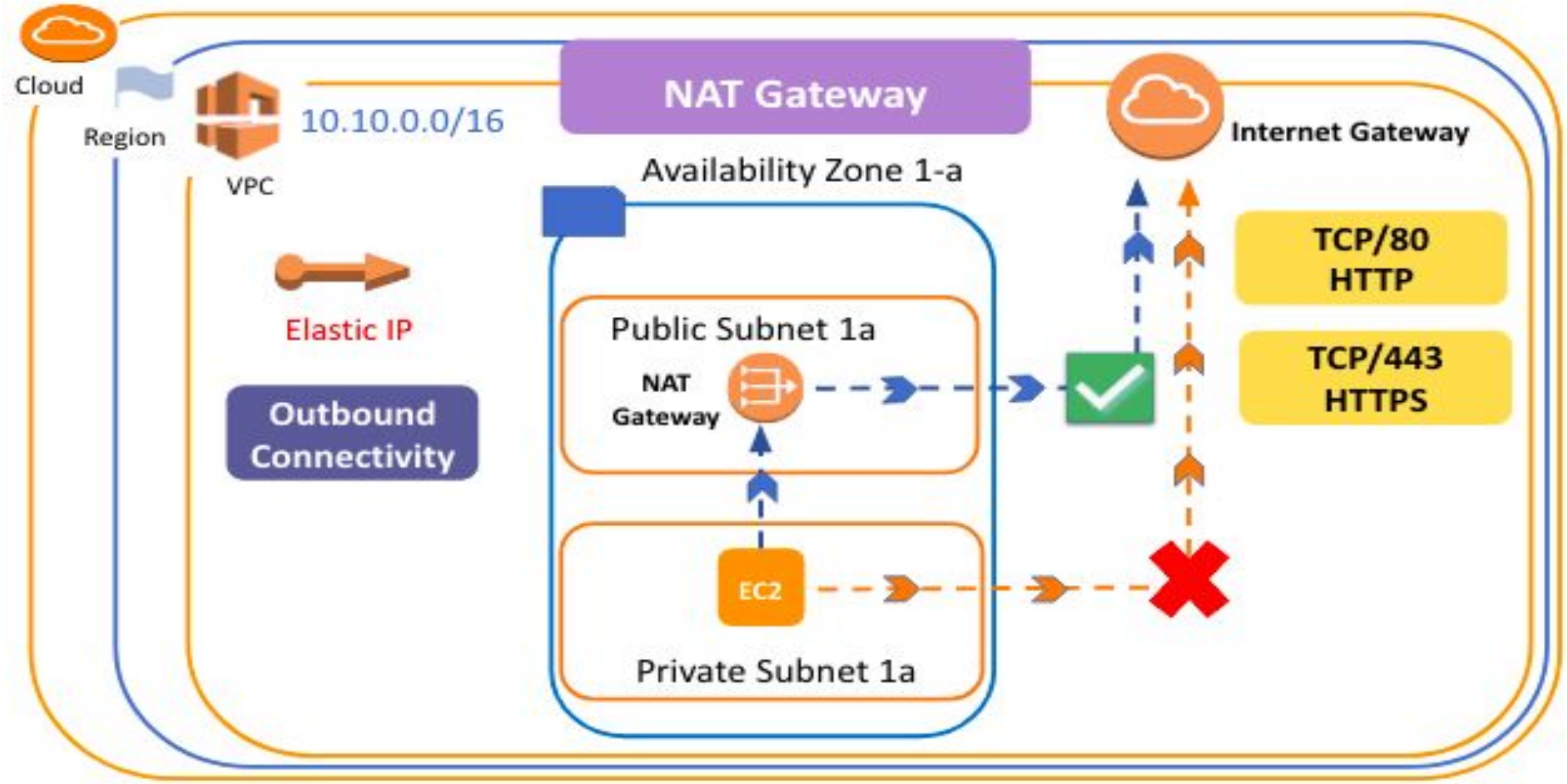
Why NAT Gateway, NAT Instance and Bastion Host?



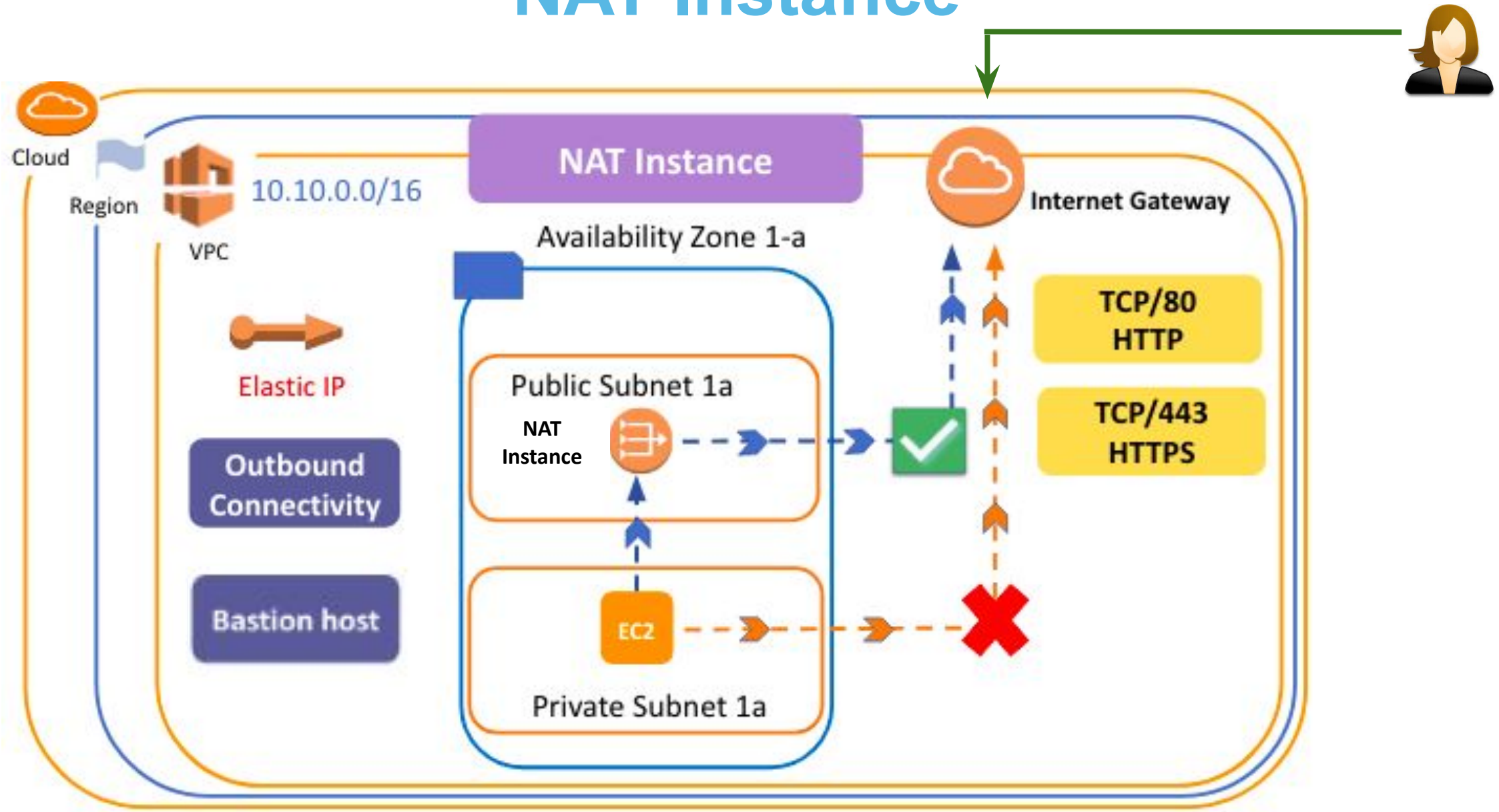
Bastion Host/Jump Box



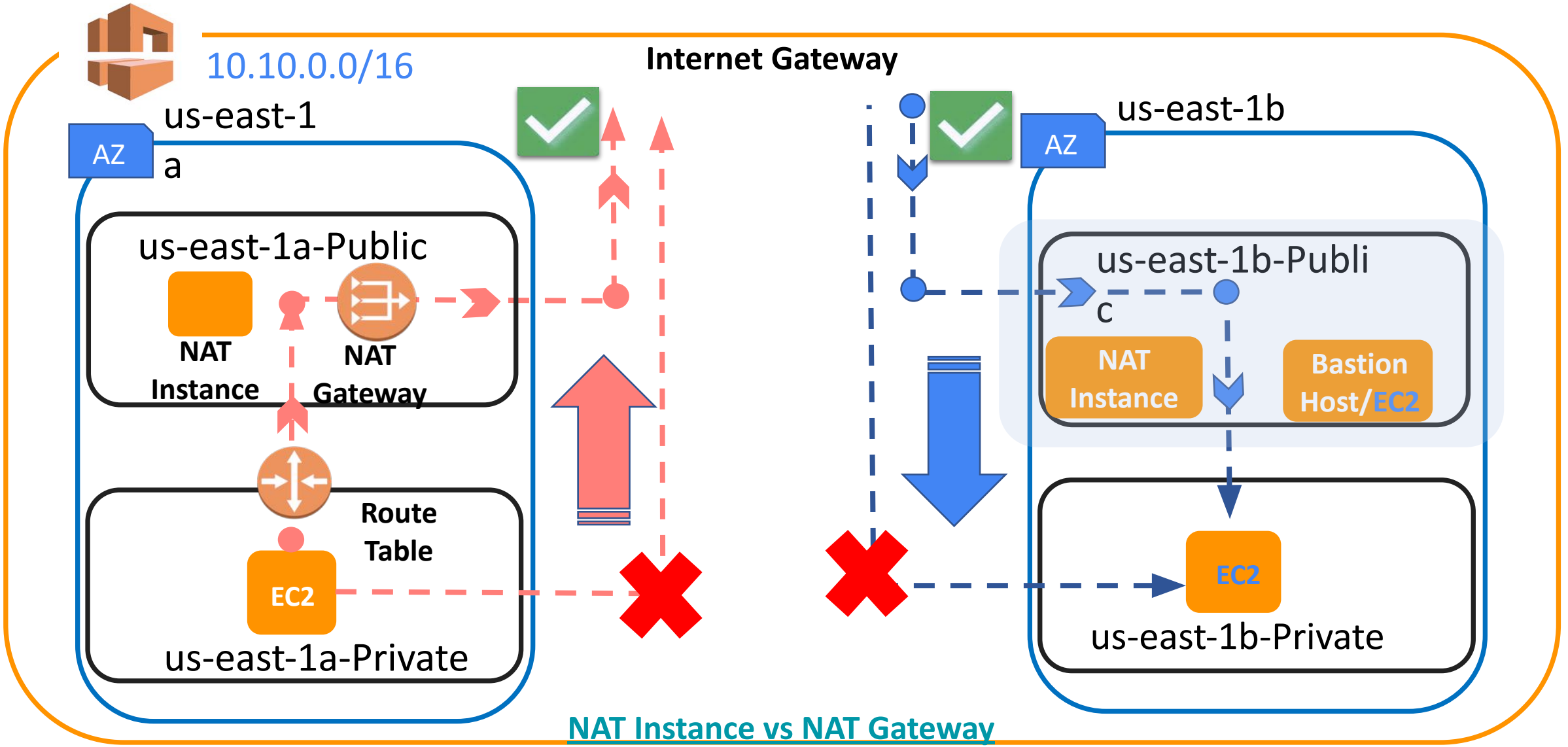
NAT Gateway


Cloud
Region
VPC
10.10.0.0/16
NAT Gateway
Internet Gateway
Availability Zone 1-a
Elastic IP
Outbound Connectivity
Public Subnet 1a
NAT Gateway
TCP/80 HTTP
TCP/443 HTTPS
EC2
Private Subnet 1a

NAT Instance



NAT Gateway vs. Bastion Host/Jump Box



NAT Instance vs NAT Gateway

THANKS!

Any questions?