Amazon VPC-2

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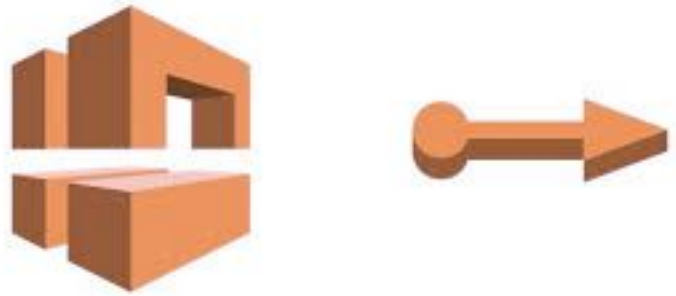
Elastic IP

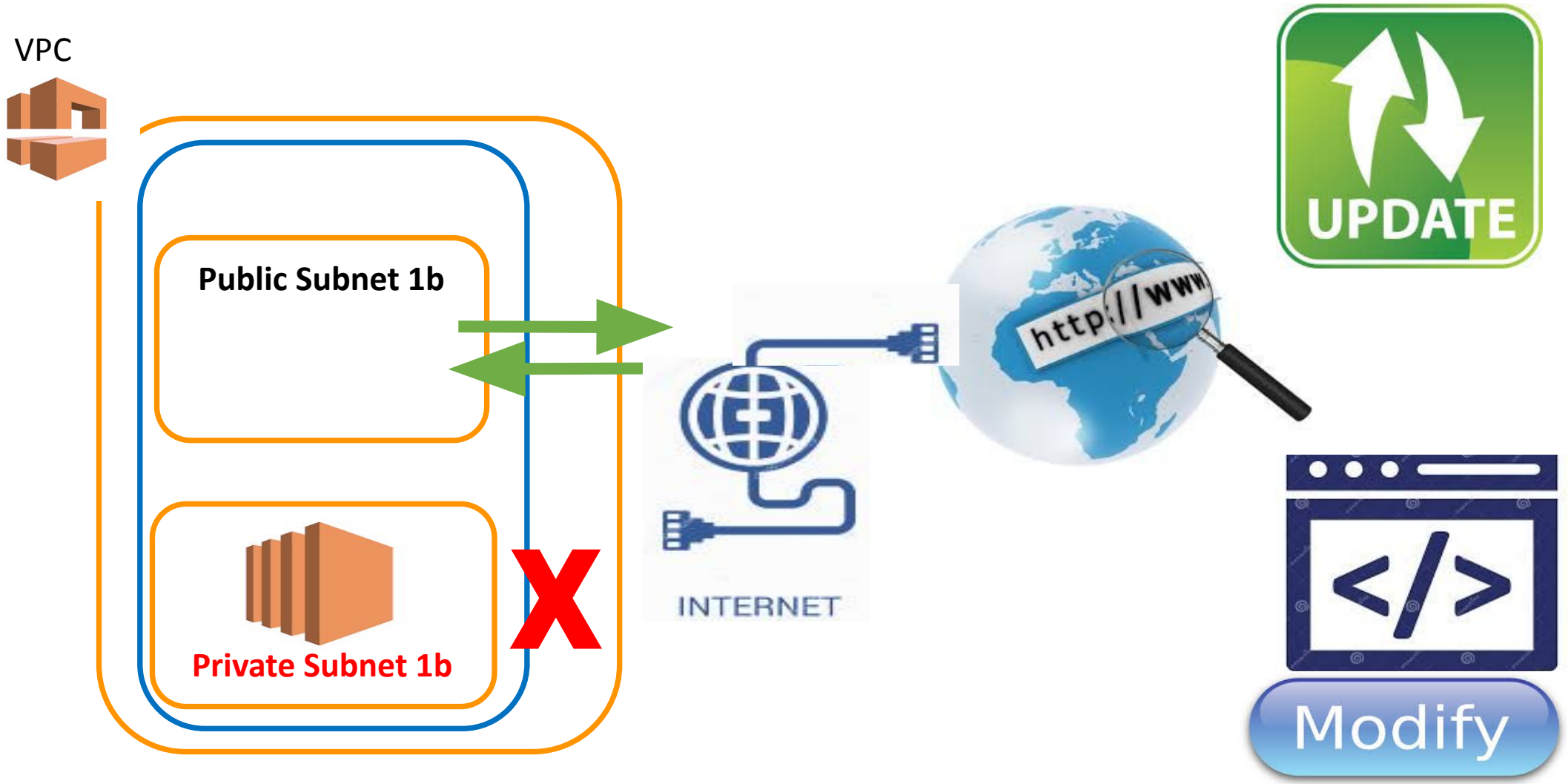


- An Elastic IP address is a Static IPv4 Address

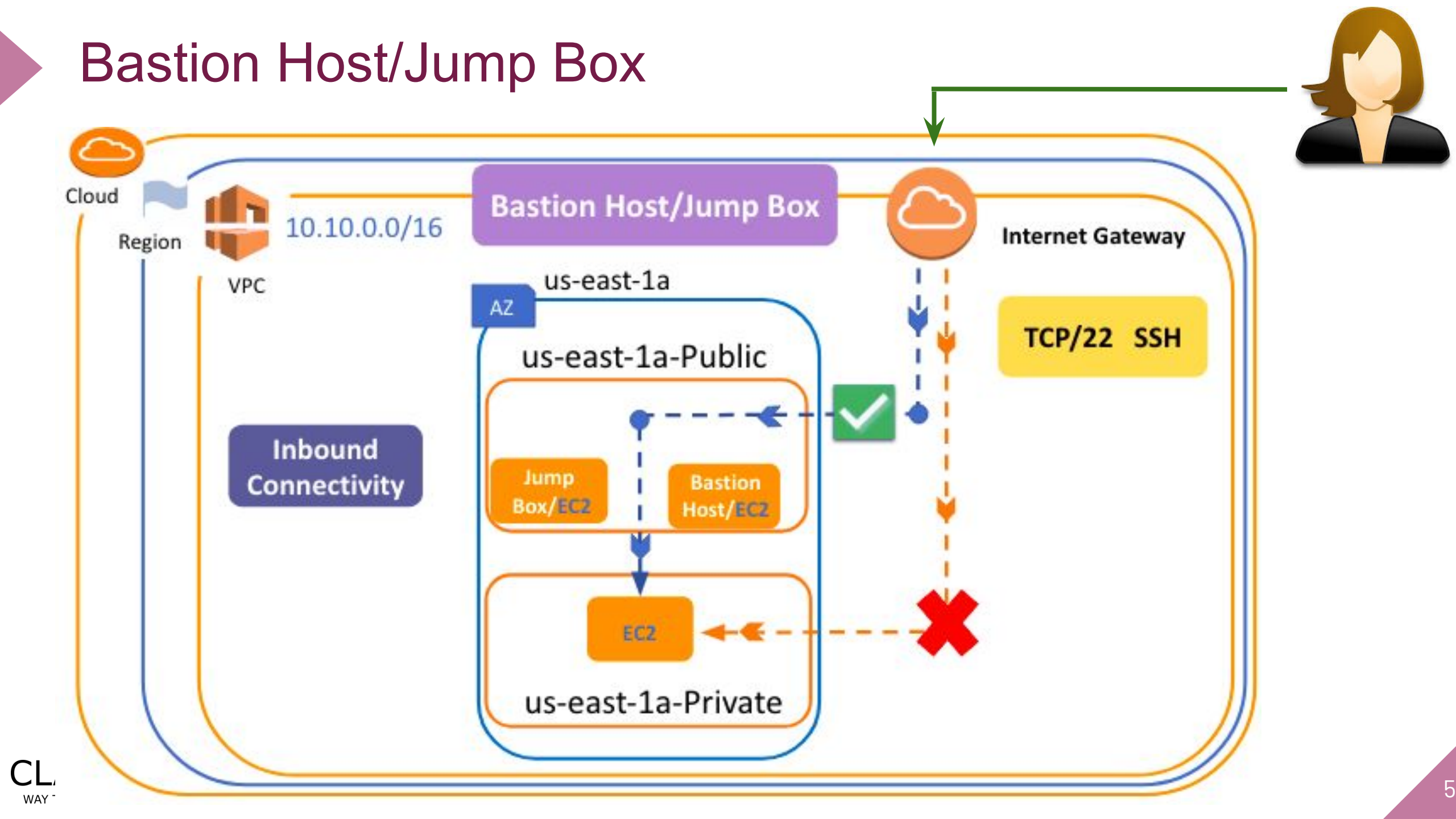
- Legal requirement for some applications or license policy to may render you to use static IP. In addition, some AWS components/services such as NAT Gateway and Route 53 may need Elastic IP.

- Elastic IP is free of charge as long as they are being used. However, you will be charged for each EIP if you reserve and not use it.

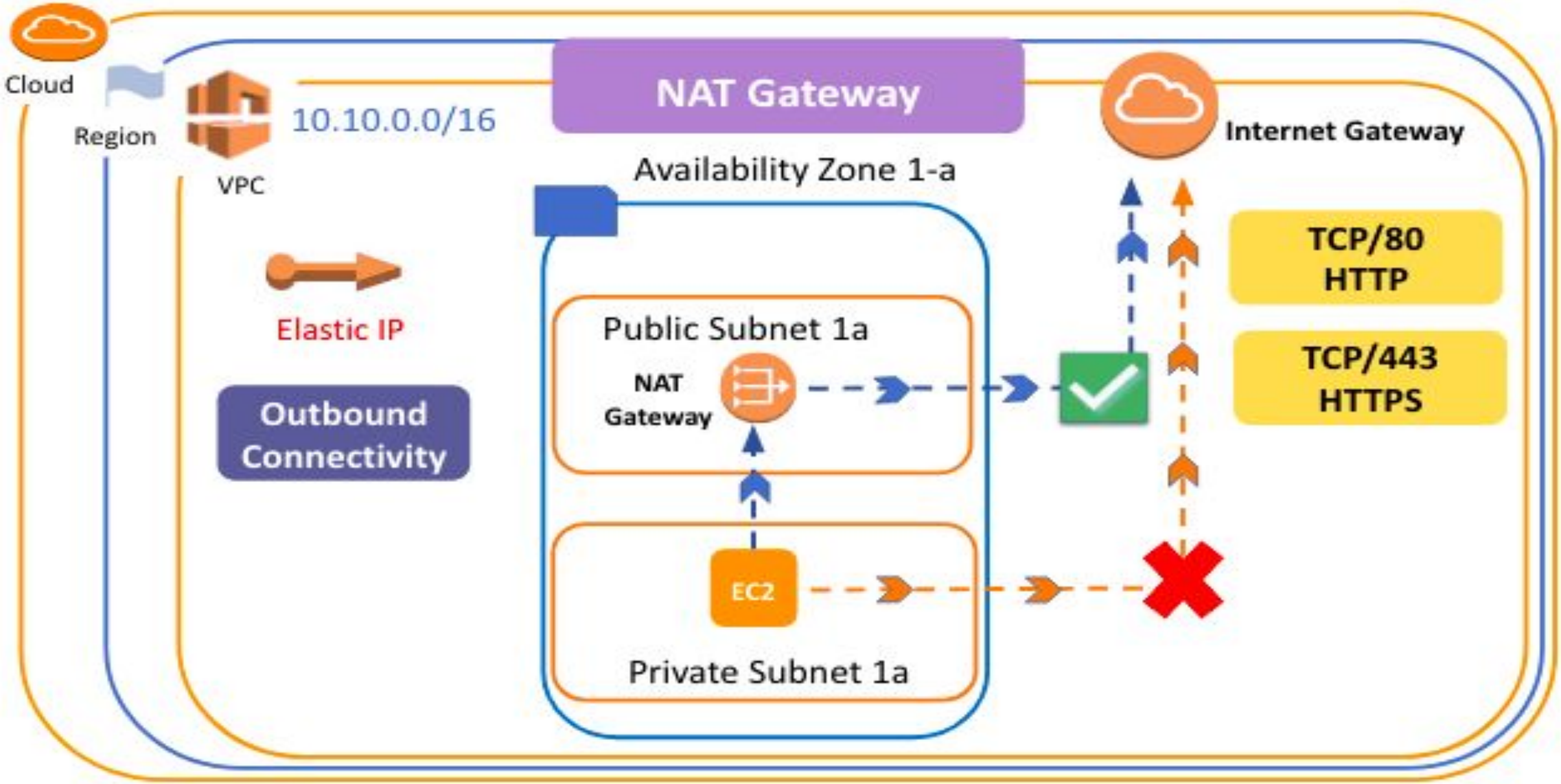
Why NAT Gateway, NAT Instance and Bastion Host?



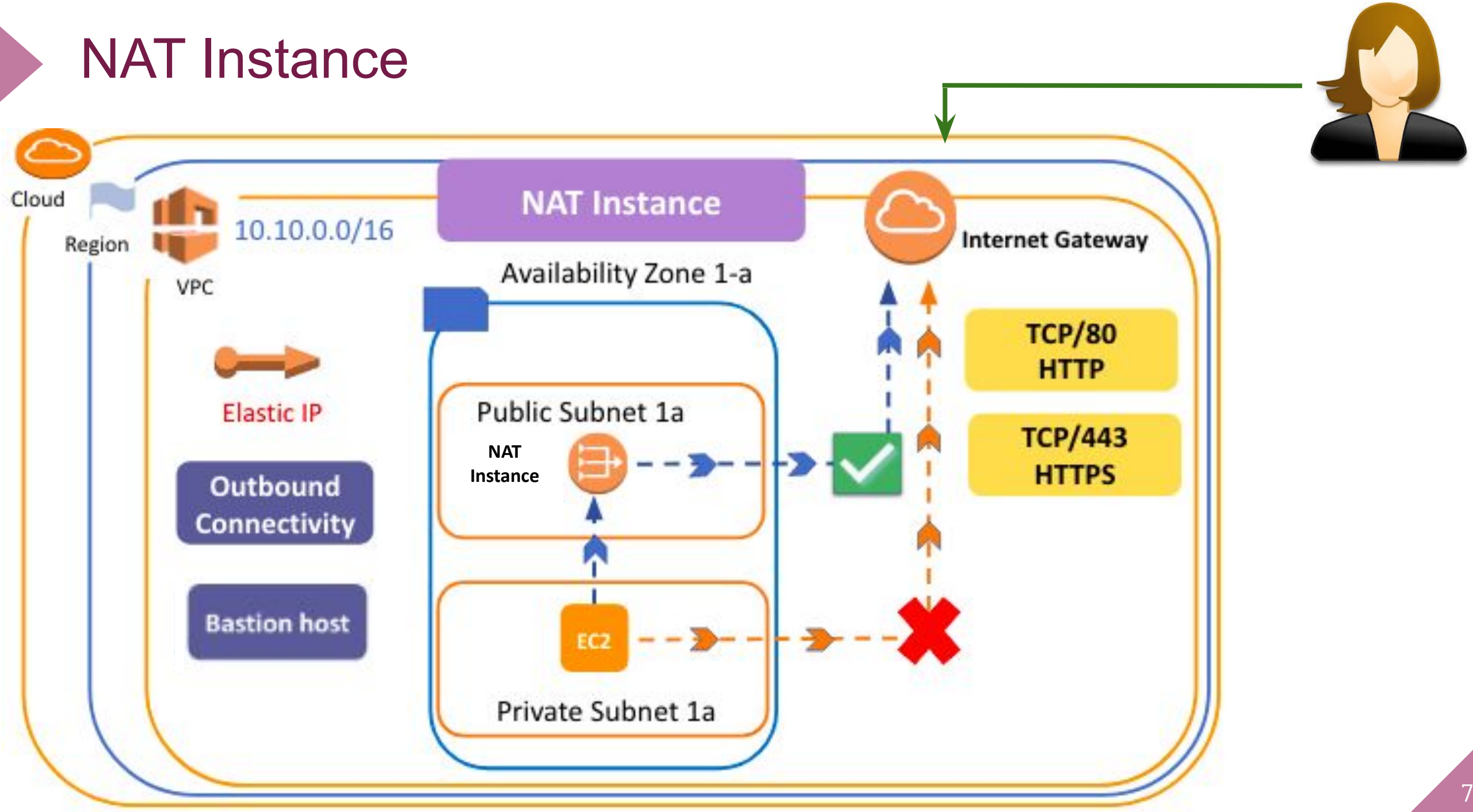
Bastion Host/Jump Box



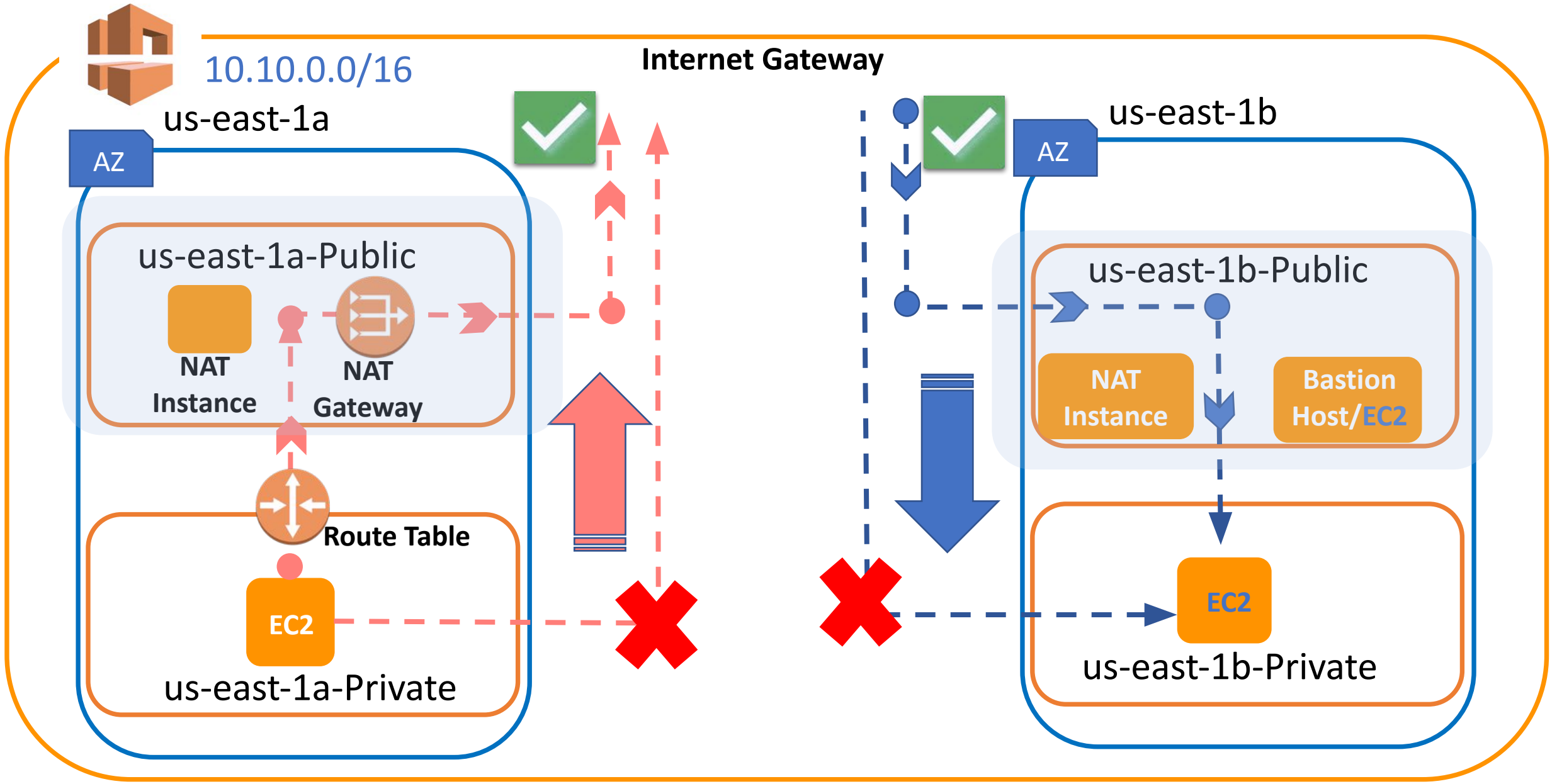
NAT Gateway


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
EC2
Private Subnet 1a
TCP/80 HTTP
TCP/443 HTTPS

NAT Instance



NAT Gateway vs. Bastion Host/Jump Box



THANKS!

Any questions?