

# NAT Gateways

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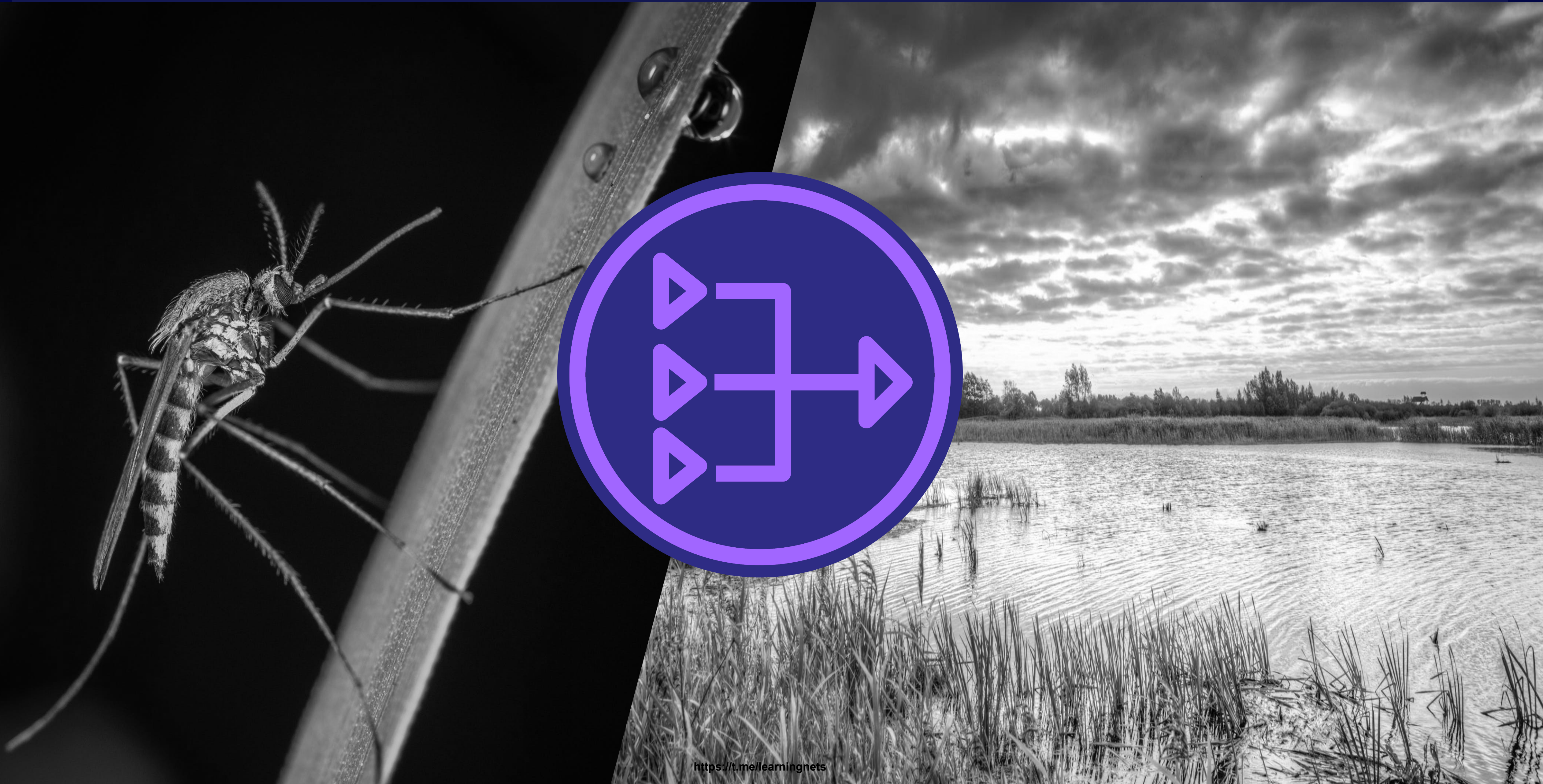


**Brock Tubre**

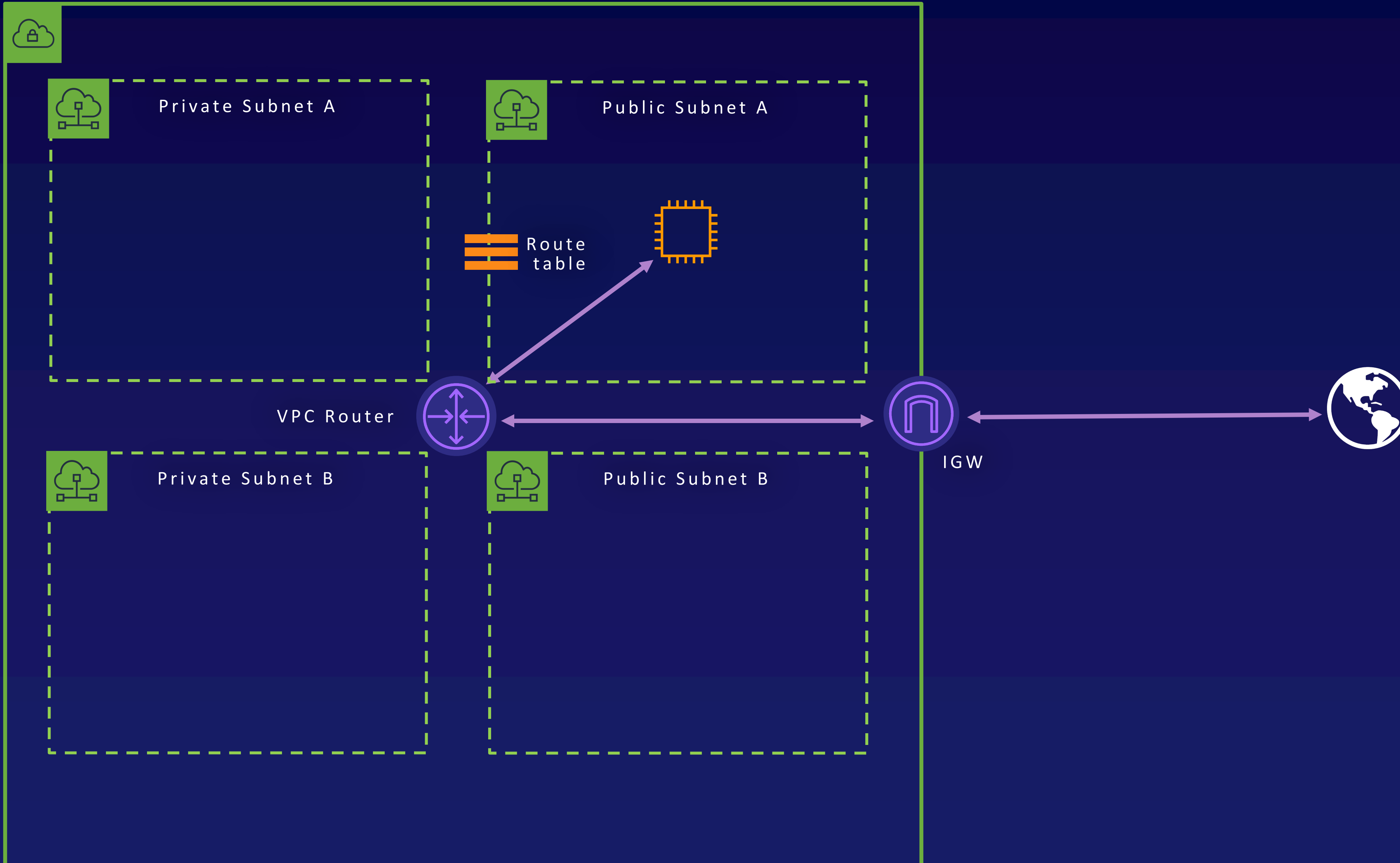
TECHNICAL INSTRUCTOR

# Gnat or NAT?

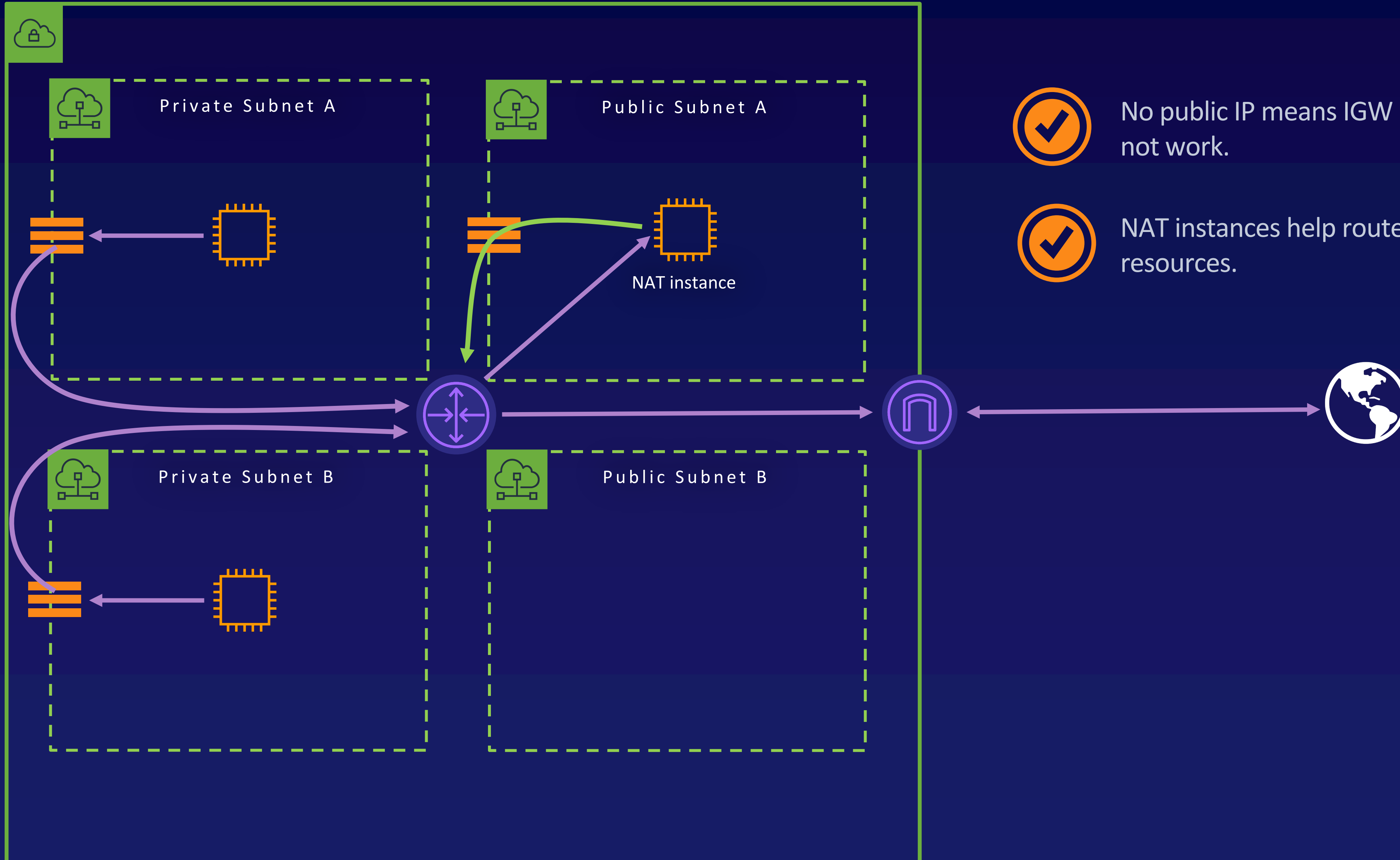




# Historical NAT Instance Architecture



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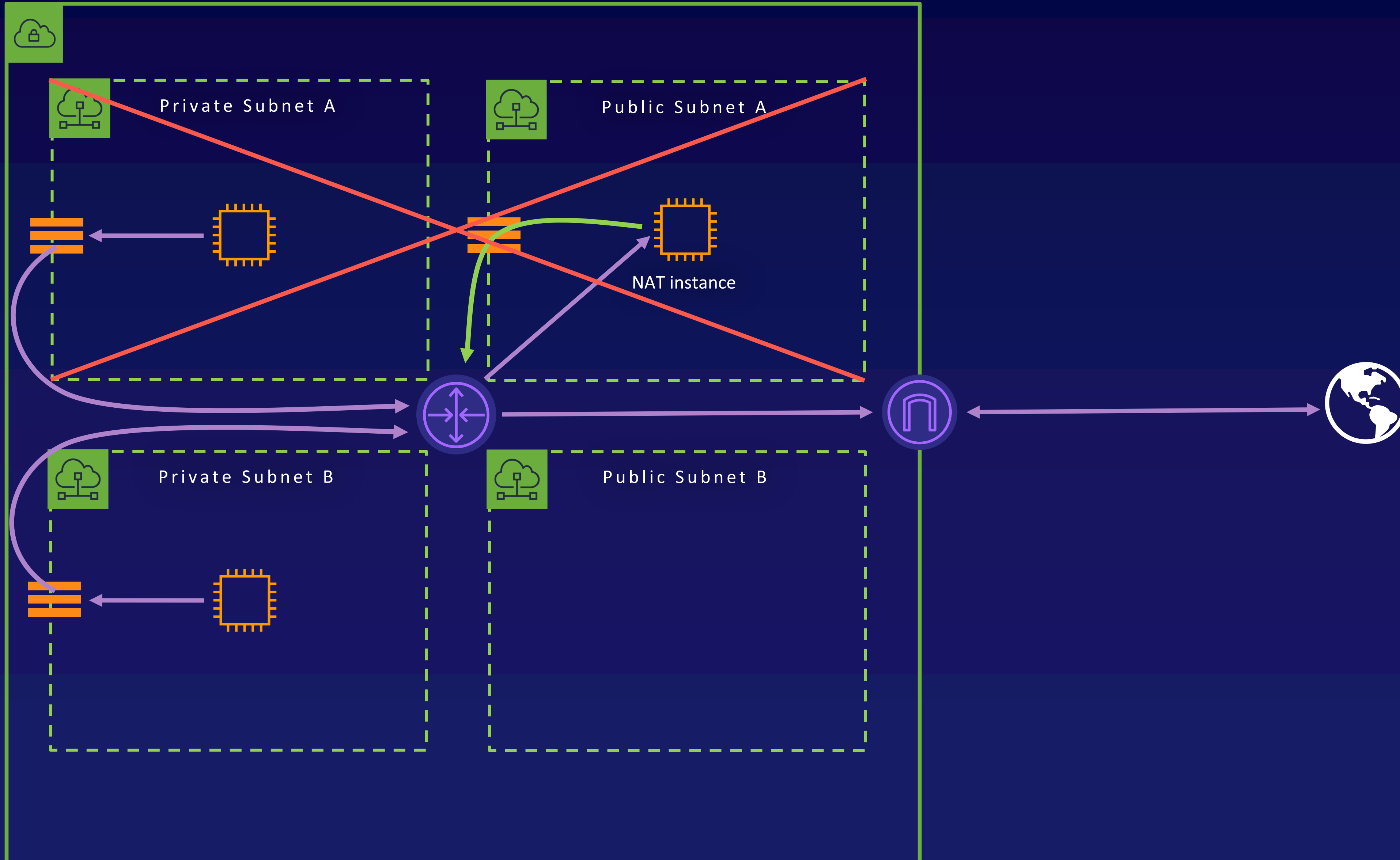


No public IP means IGW architecture will not work.

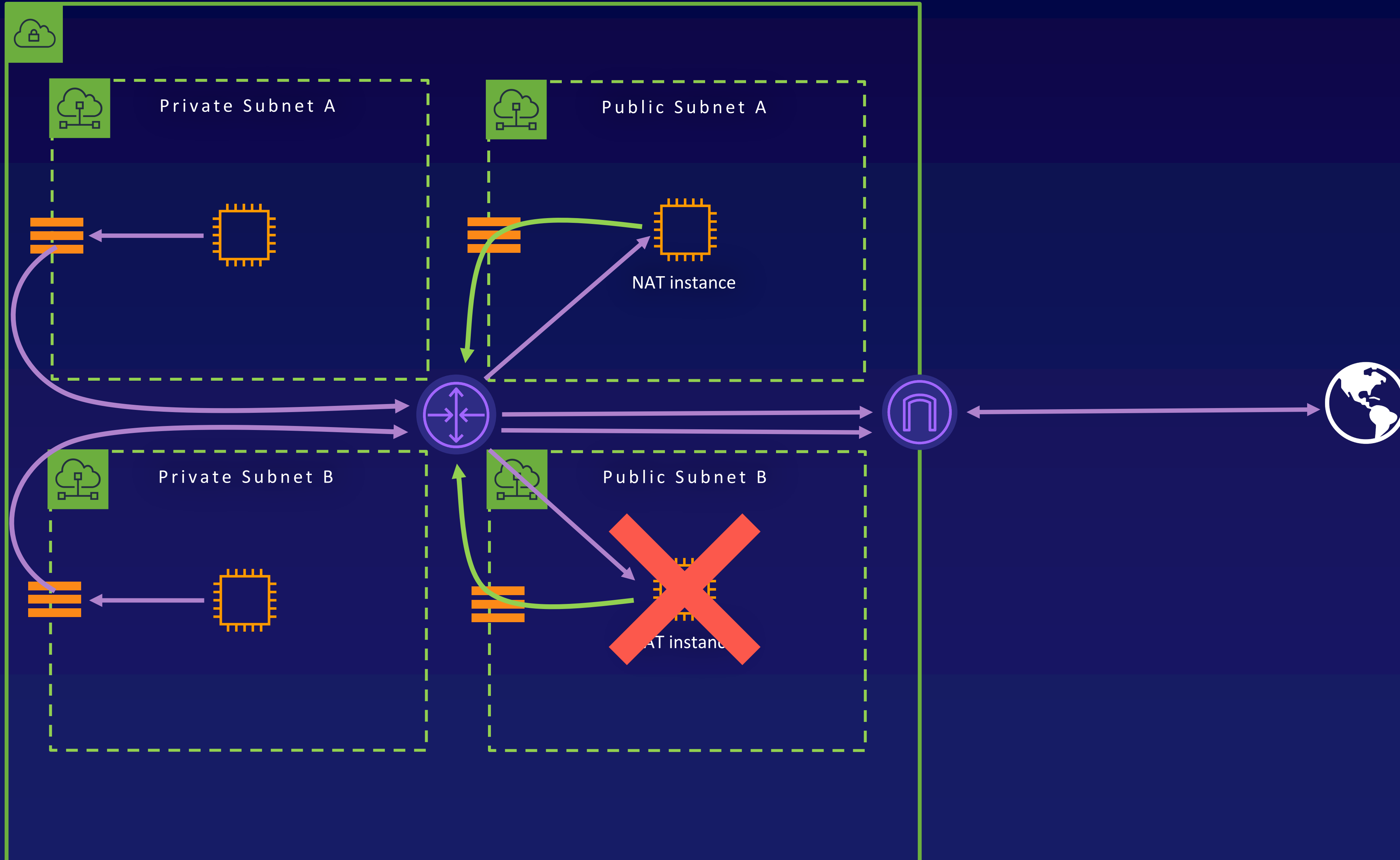


NAT instances help route traffic to private resources.

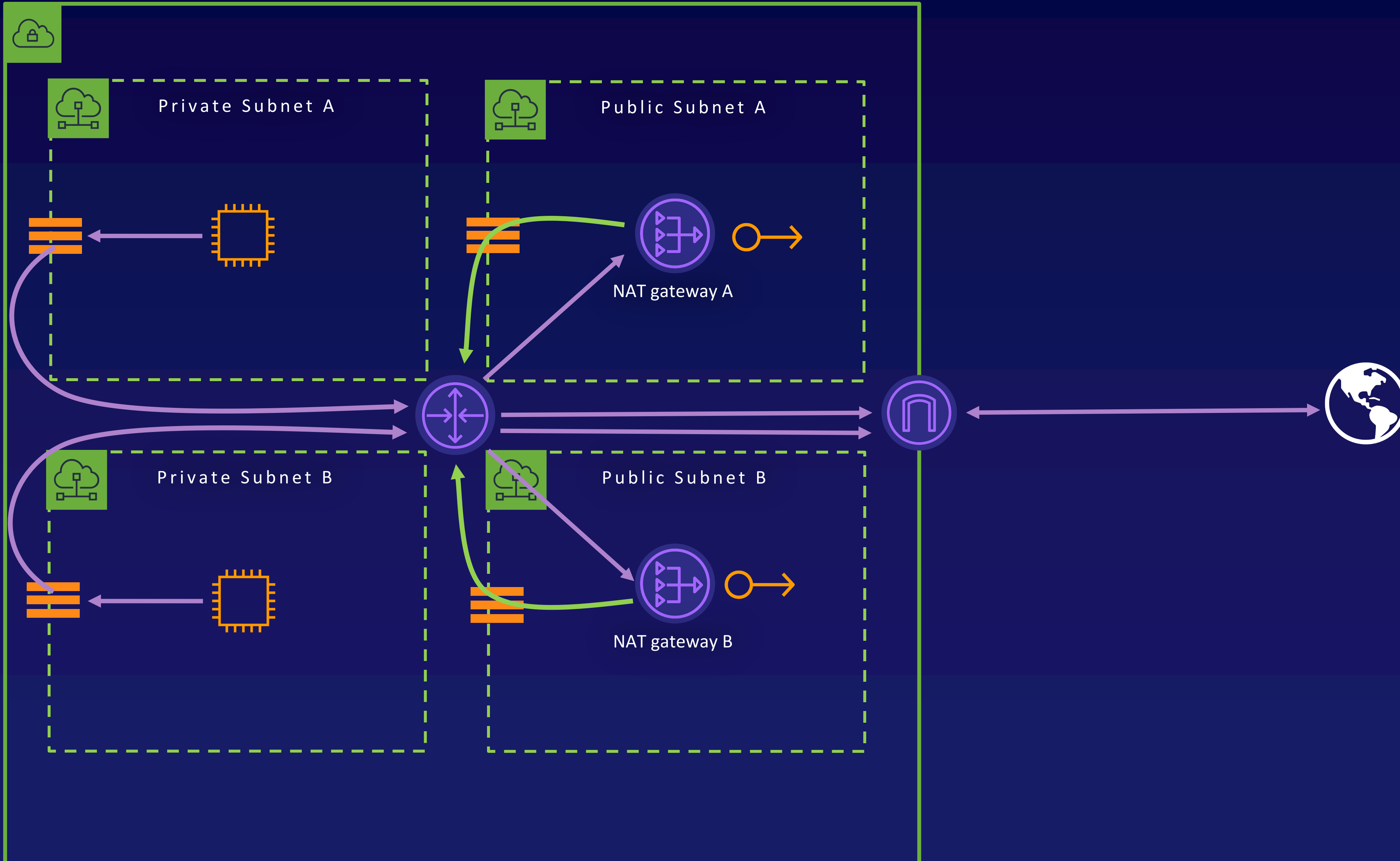
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# NAT Gateway Architecture



NAT Gateways

NAT Instances

# Key Features and Limitations

NAT Gateways	NAT Instances
Managed by AWS and is highly available. Create a NAT gateway in each AZ for redundancy and zone-independent architectures.	You manage NAT instances and use scripts to support failover between instances.

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Cannot associate SGs with a NAT gateway, but can associate SGs with resources behind the NAT gateway.	Associate SGs both on your NAT instance and the resources behind it.