aws summit

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DEV203

Cloud-grade network segmentation using AWS Transit Gateway & Terraform

William Collins
Principal Cloud Architect
Alkira



Agenda

- How did we get here?
- Benefits of segmentation
- Thinking through the workflow
- Let's demo!



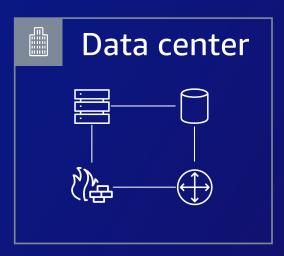
How did we get here?



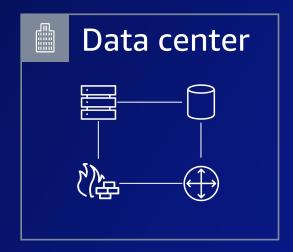
Enterprise

(15K or more employees)

100–2,000 applications

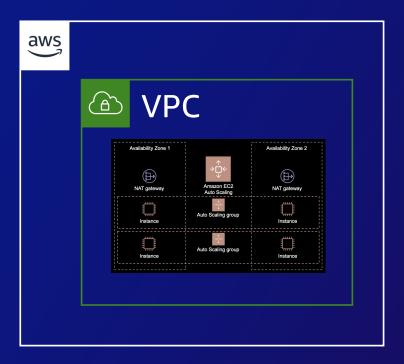


How did we get here?



Cloud adoption

Transition business units, teams, technologies, and processes to leverage AWS



Benefits of segmentation













VPCs

Acceleration in AWS adoption for large enterprises leads to an increase in VPCs over time



AWS Transit Gateway

Simplifies connectivity at scale for VPCs and onpremises networking



Terraform

Infrastructure as code tool that uses a declarative approach for managing cloud resources

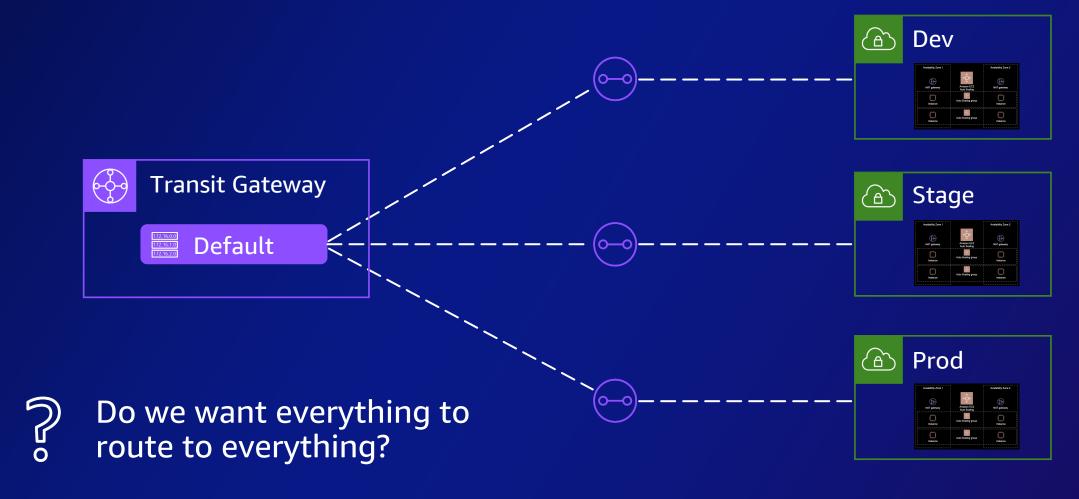




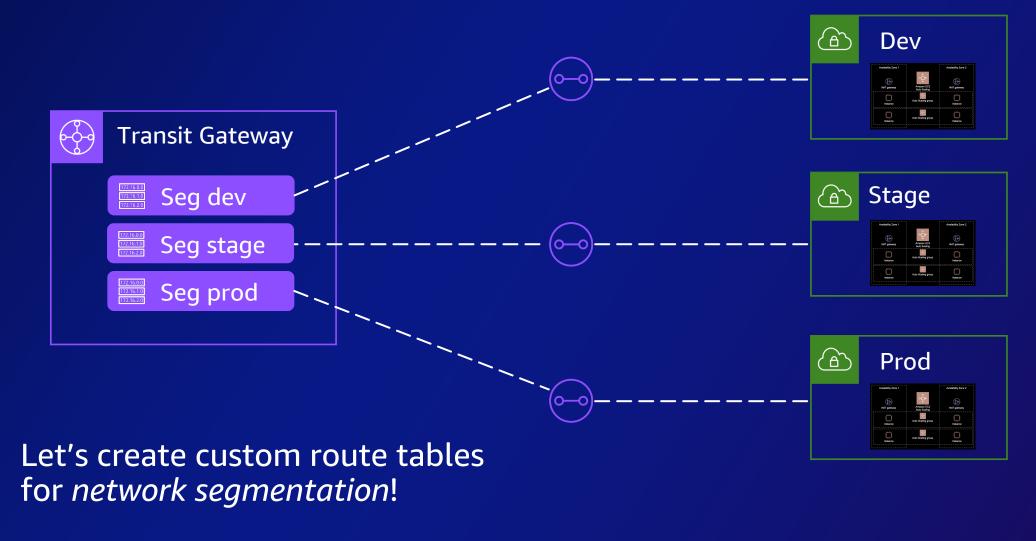


Default provider behavior will associate attachments with Transit Gateway's default route table and propagate routes





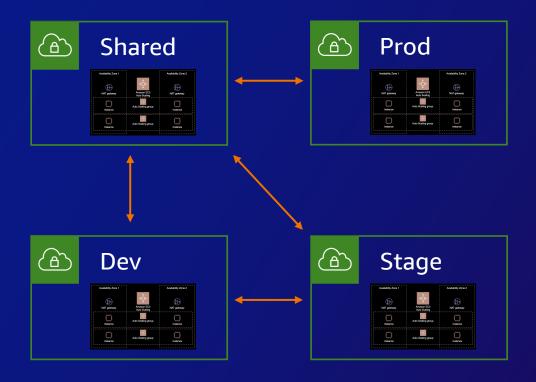






Demo!

- "Shared" can reach all VPCs
- "Dev" and "Stage" have reachability to each other but not to "Prod"



Thank you!

William Collins



in linkedin.com/in/william-collins

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