AWS re:Invent

WIN406-R

Build multi-region SQL Server Always On availability groups

Anup Sivadas
Solutions Architect
Amazon Web Services

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Agenda

Why a multi-region architecture is important

Architecture patterns

Demo

Q&A

Why a multi-region architecture is important

- For those workloads that require more resiliency against a rare, unplanned event (like a region failure), and to ensure availability under any circumstances
- Serve the read workloads from a region that is closer to your user base
- Scale-out reads

Architecture patterns

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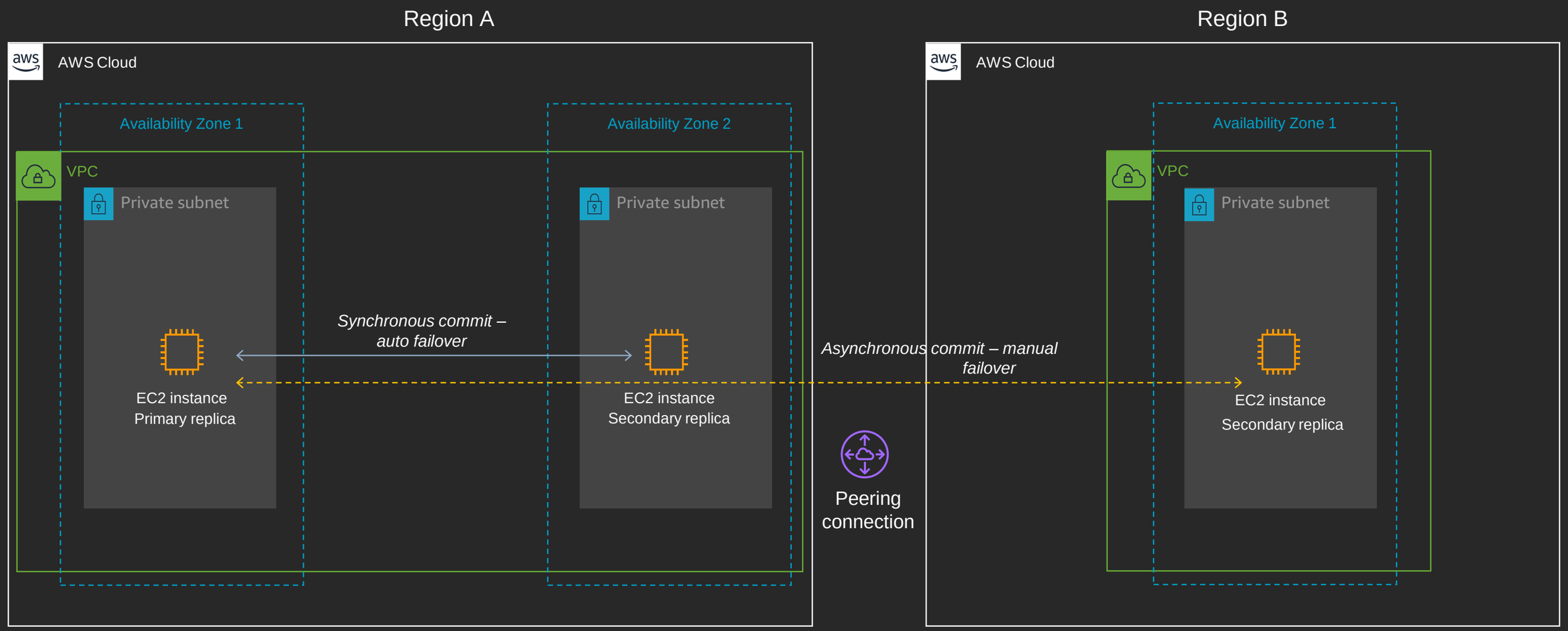
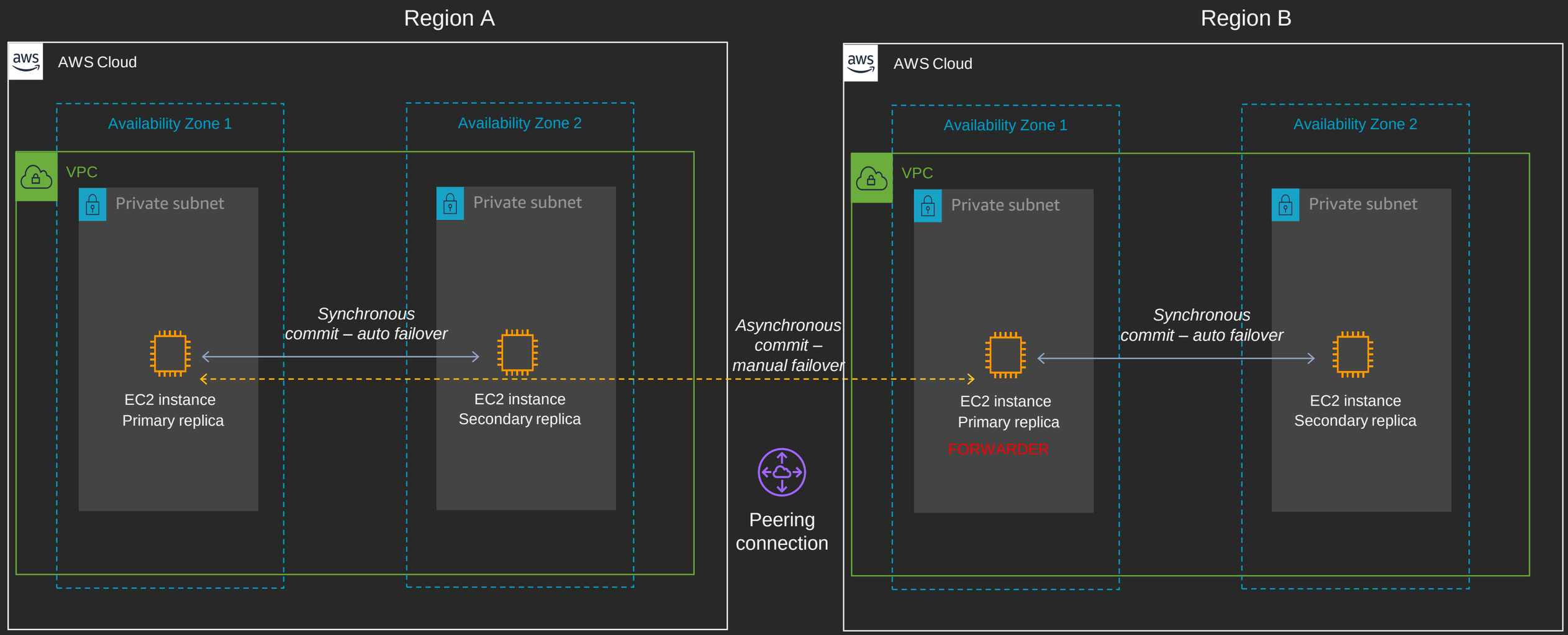
Architecture patterns

Multi-region always-on availability group—Traditional approach



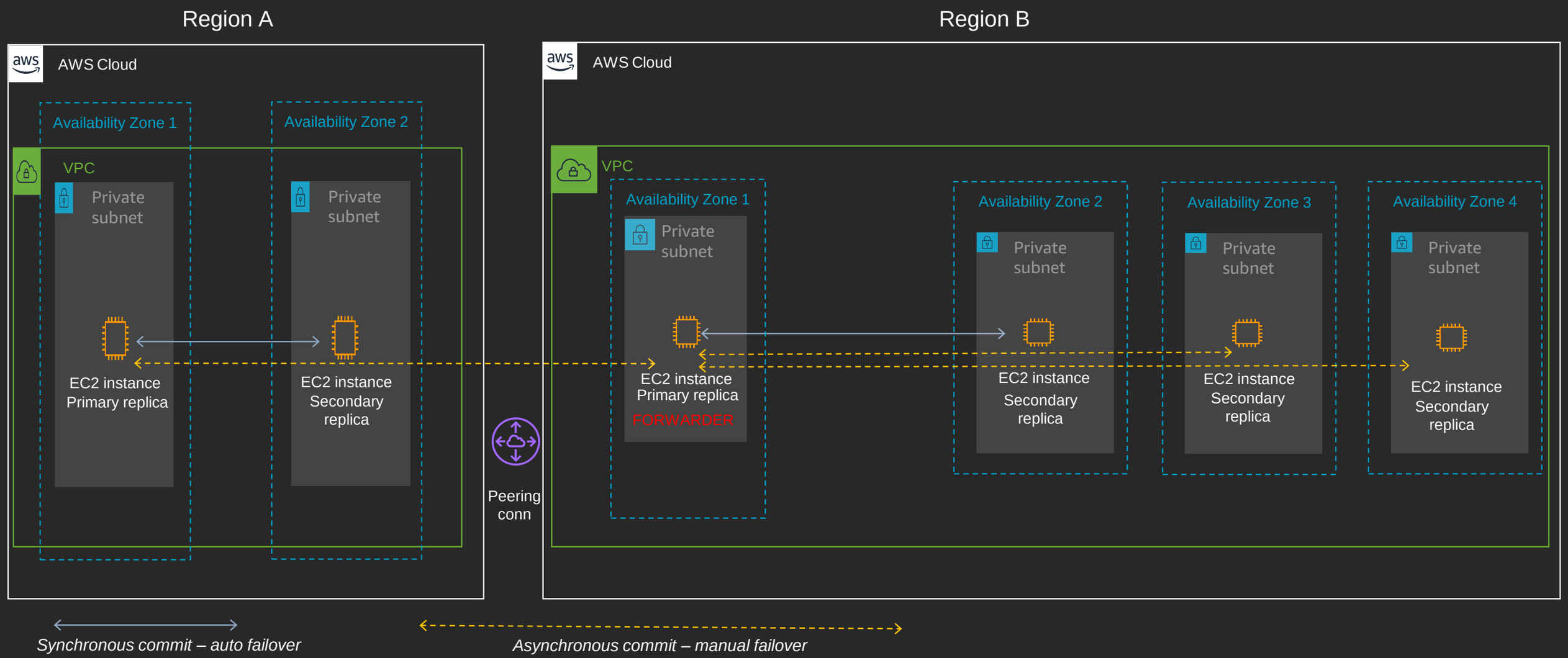
Architecture patterns

Multi-region distributed availability group—Optimal approach



Architecture patterns

Multi-region distributed availability group—Read scale out



Demo

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Thank you!

Anup Sivadas

anupsiva@amazon.com

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