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FSI316

Patterns and practices for onboarding SaaS solutions on AWS

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Agenda

State of SaaS and key drivers of SaaS adoption

SaaS AWS Partners

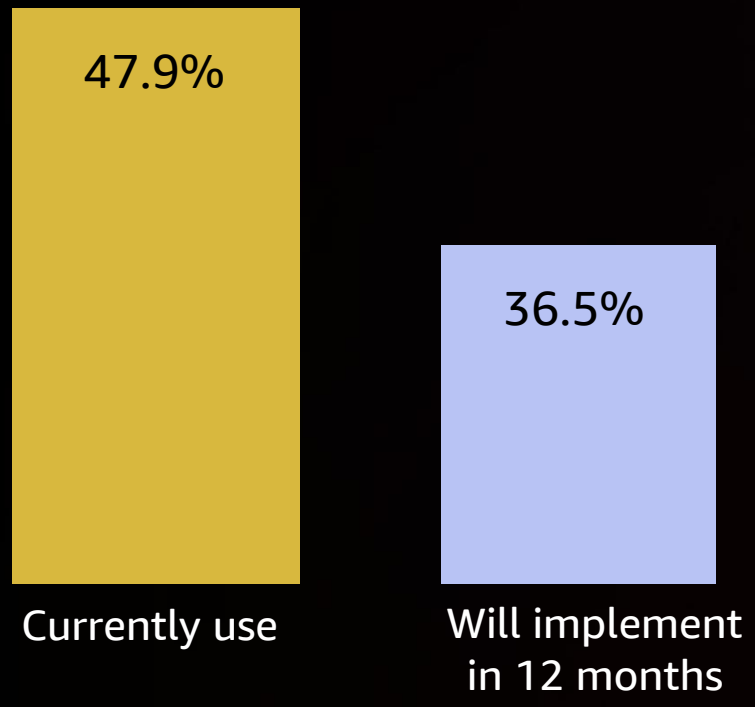
Challenges in SaaS adoption

SaaS deployment models

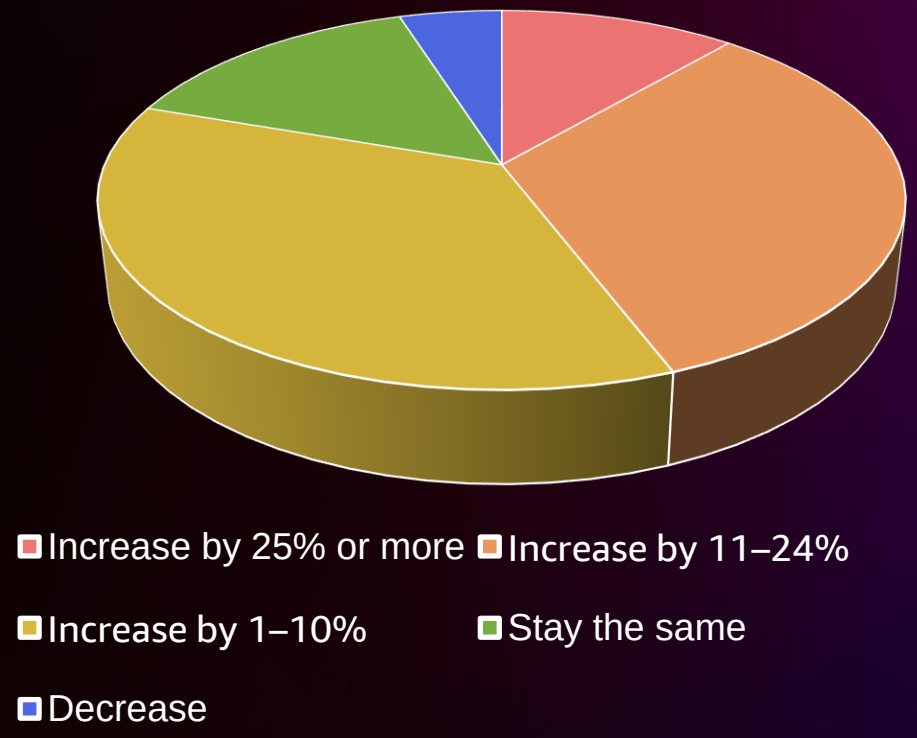
Architecture patterns for SaaS integration: Whiteboarding!

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State of SaaS adoption



80.3% of organizations are planning to increase their spend on public cloud SaaS offerings over next 12 months



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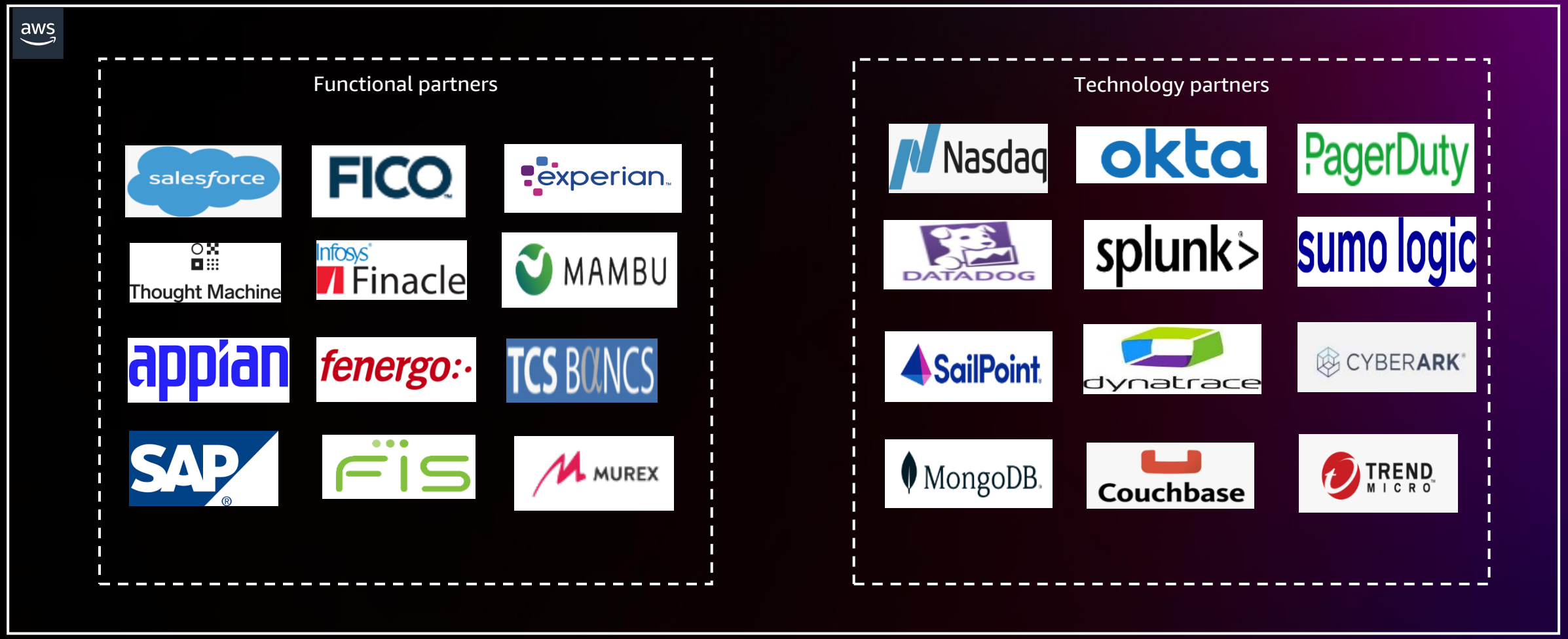
Source: IDC's Industry CloudPath, 2022

Key drivers of SaaS adoption

- Improved business agility: Drive innovation, time to value, expand to new market segments
- Cost optimization: Improve operational efficiencies as business scales
- Improved IT security: Takes away heavy lifting of security and compliance; can cover exploits and patches quicker with global rollout updates
- Improved customer experience: More focus on new use cases and customer journeys

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SaaS Partner Solutions on AWS



This is not a complete list. To view all AWS Partners for this category, visit AWS Partner Solutions Finder. This list of partners is current as of October 20, 2022.

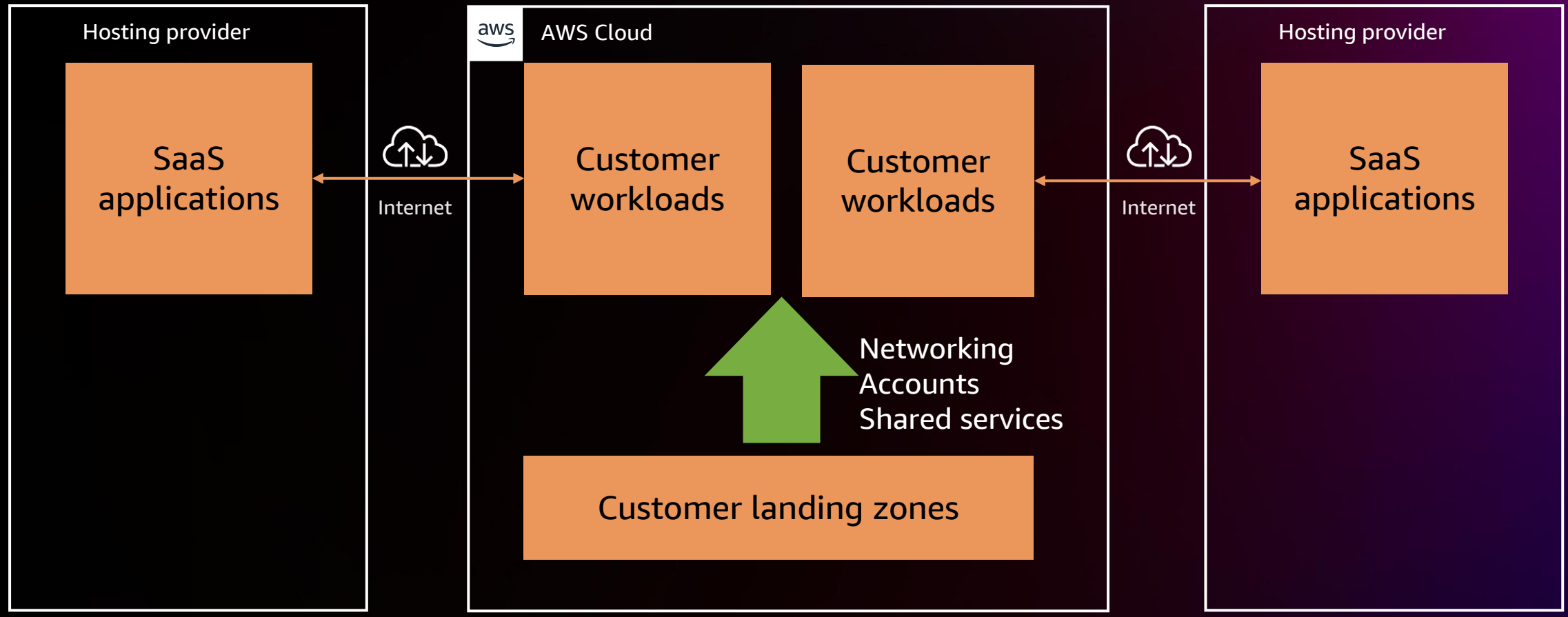
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Challenges with SaaS adoption

- Security management
  - Richer networking
  - Evidence and assurance?
- Application connectivity and data sharing
  - Different types of connectivity
  - Latency?
  - Data sharing?
- Operations and cost optimization
  - There is always integration
  - Data and storage costs?

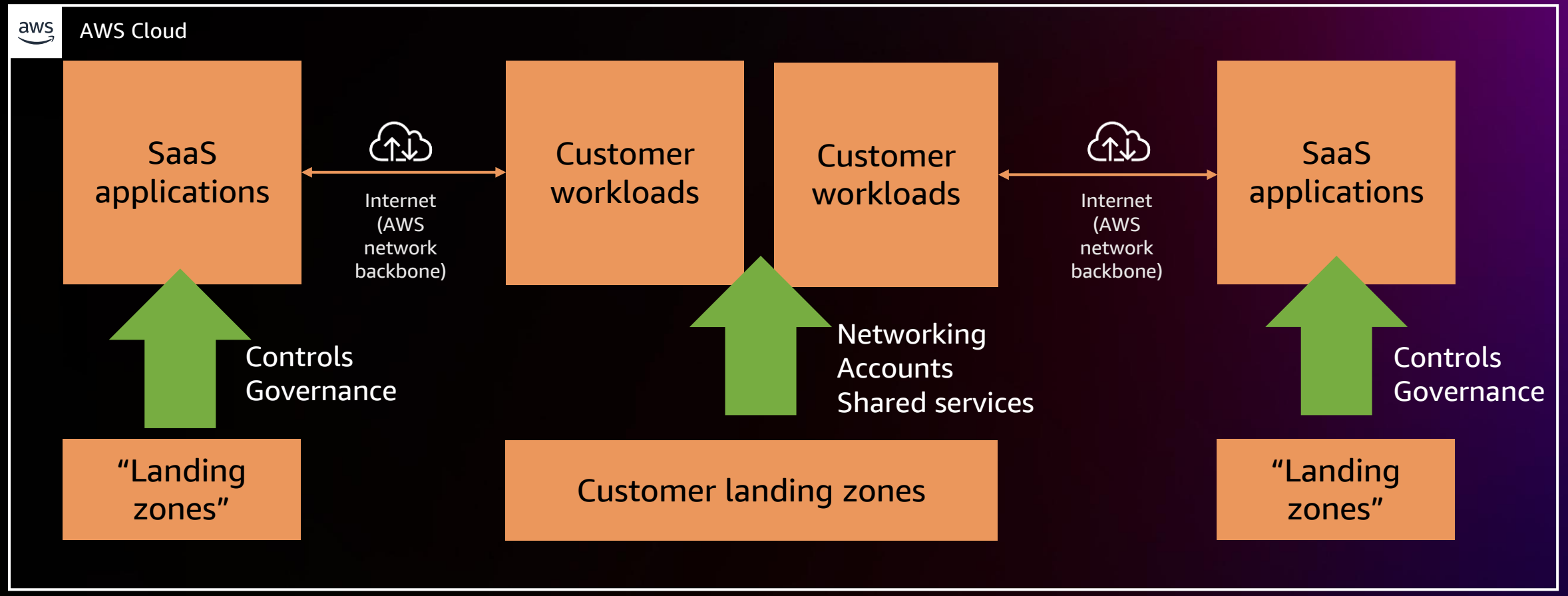
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SaaS deployment model



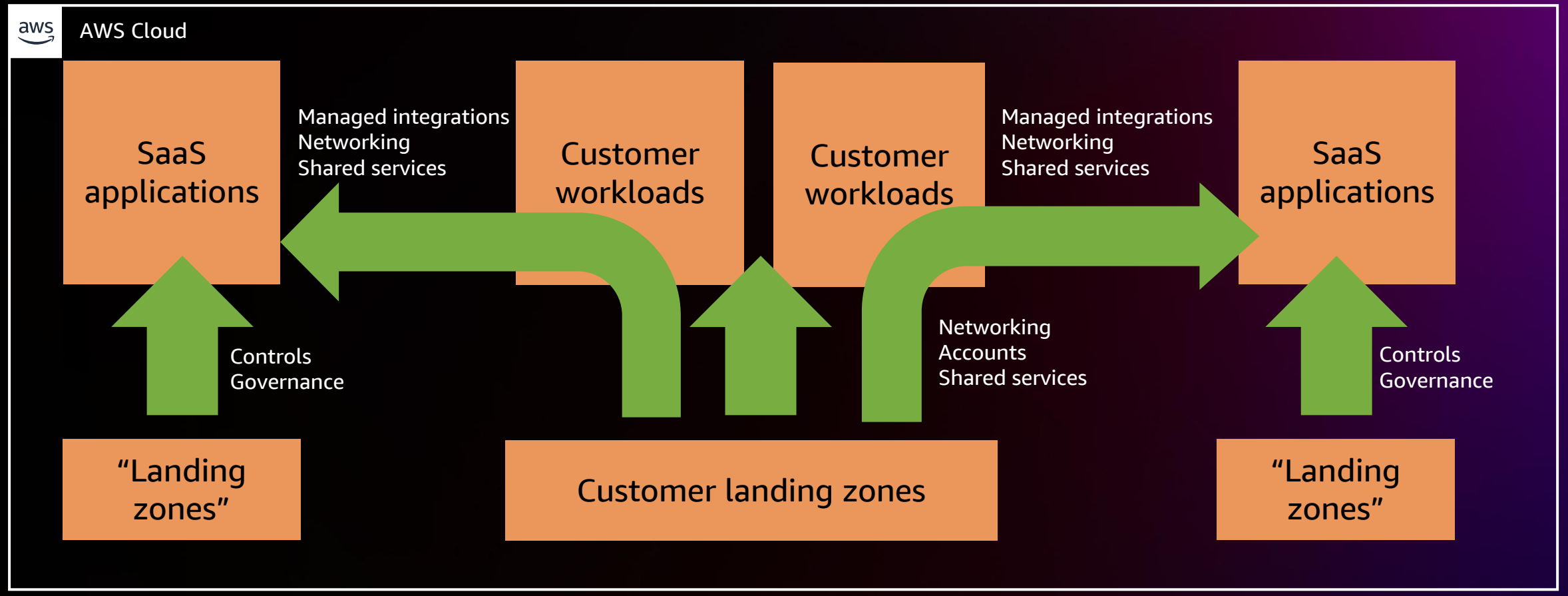
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SaaS deployment model on AWS



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SaaS deployment model leveraging AWS

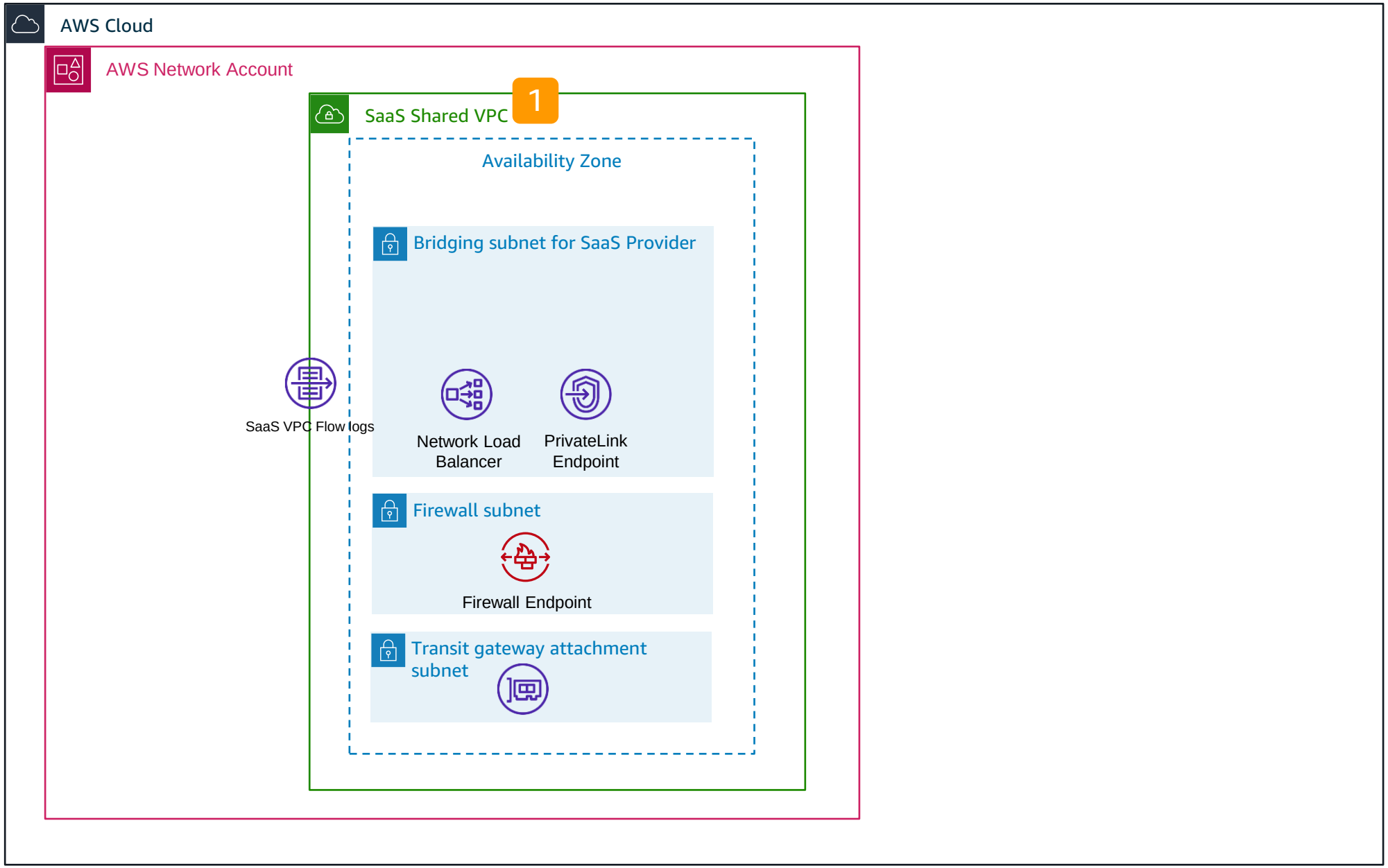


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Patterns and practices for effective SaaS integrations

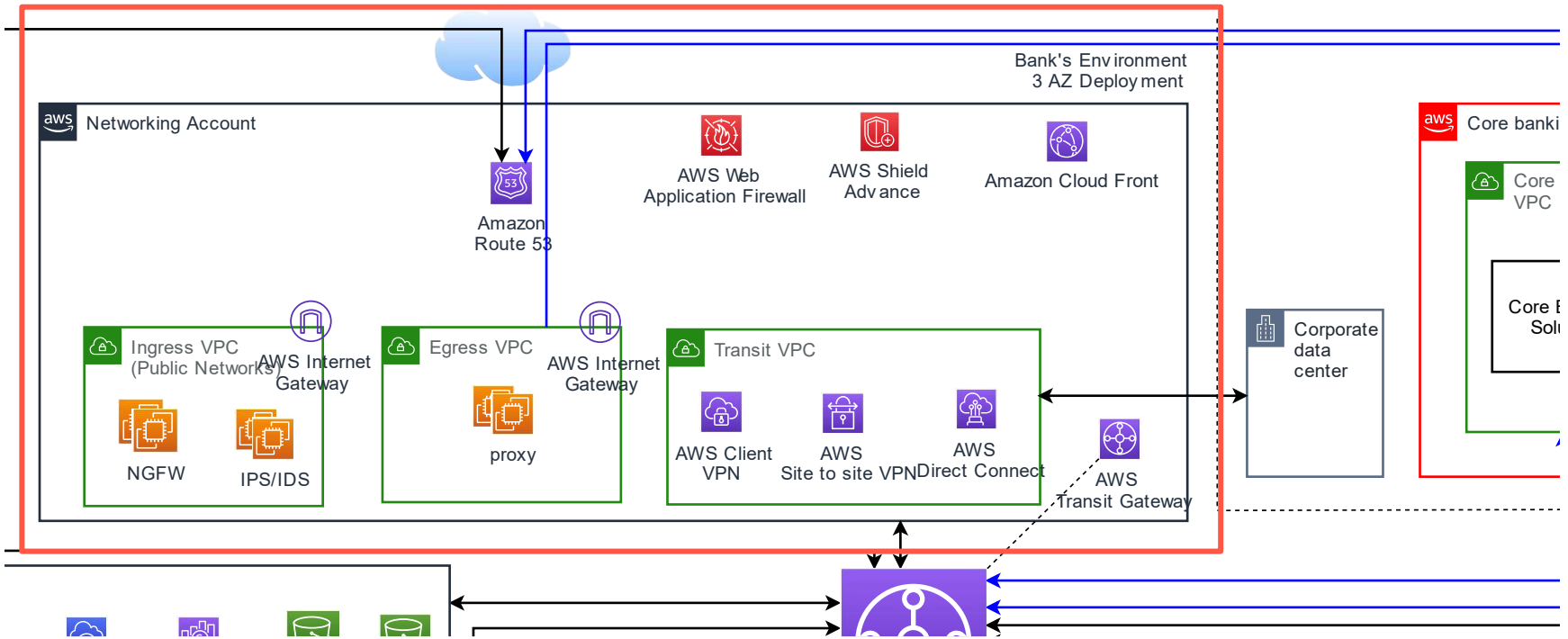
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Foundational patterns/practices



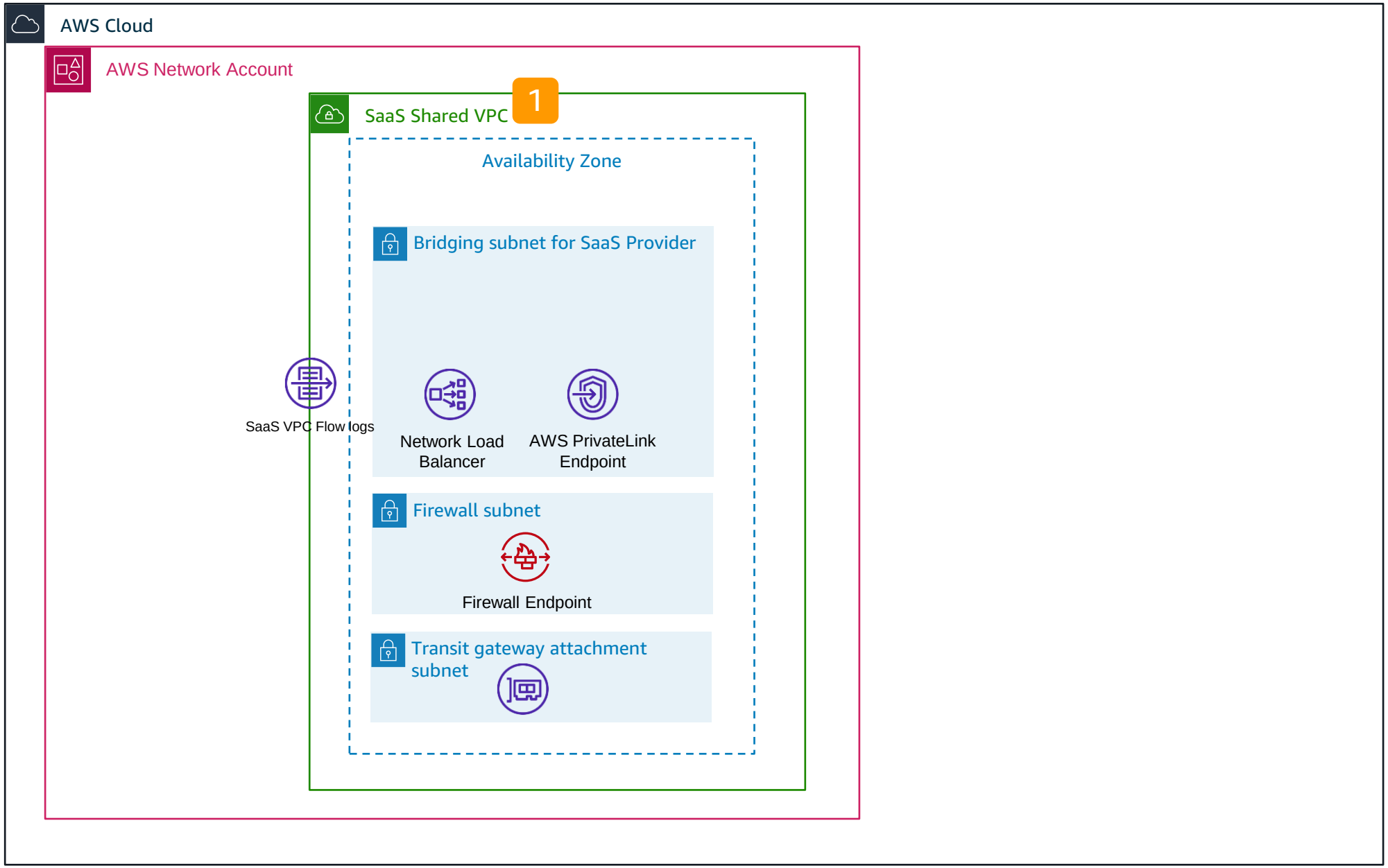
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Where it fits in the multi-account guidance



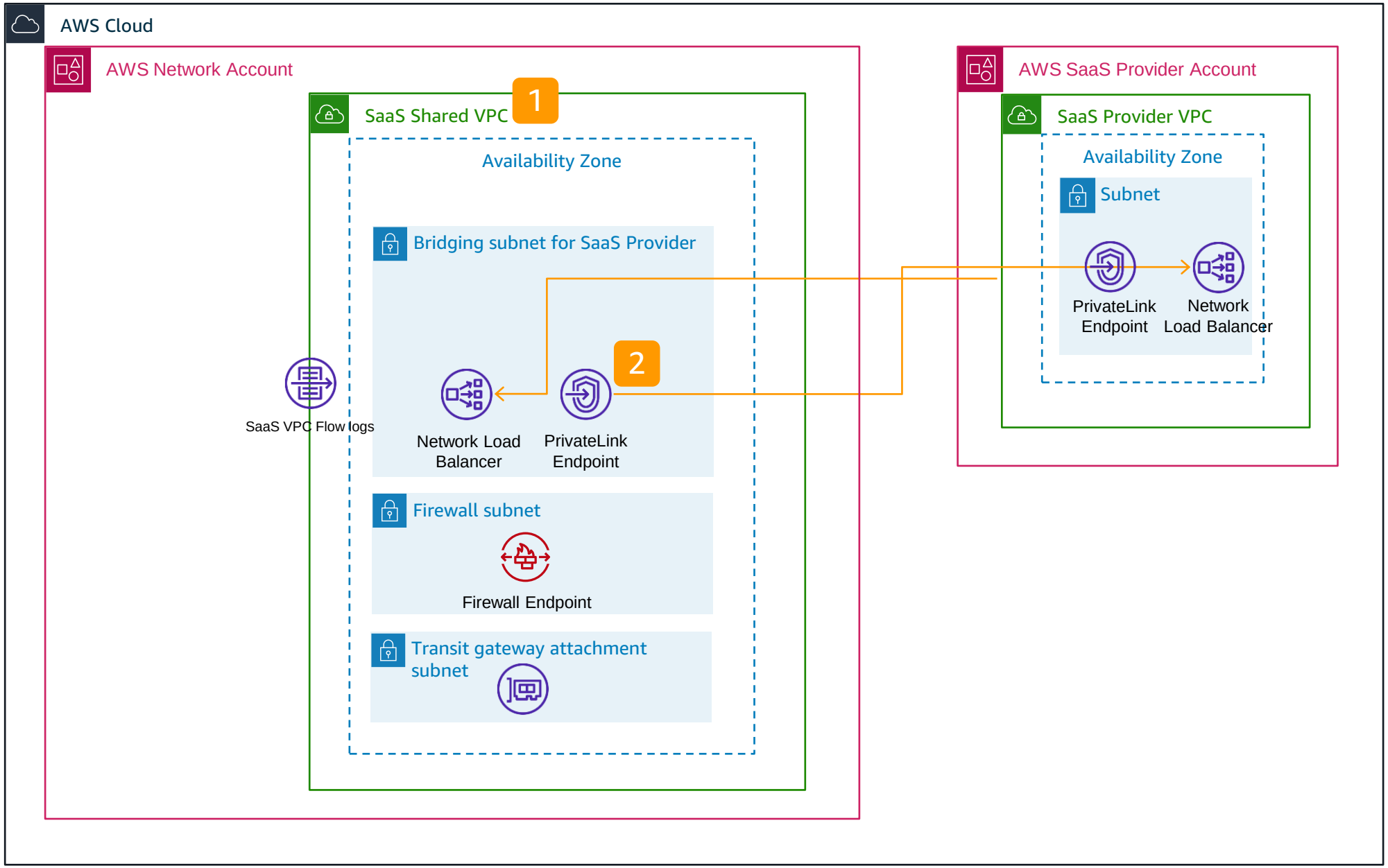
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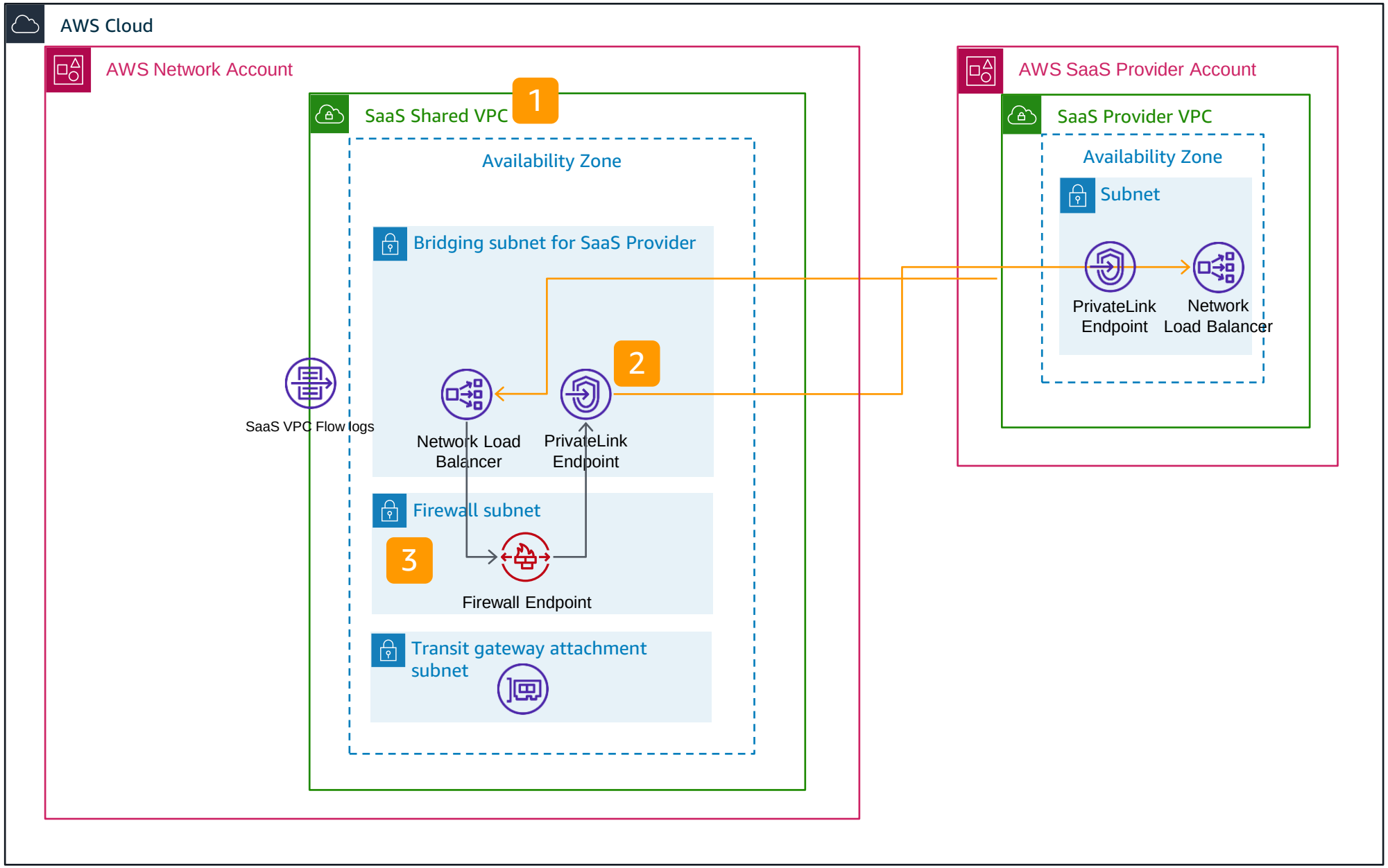
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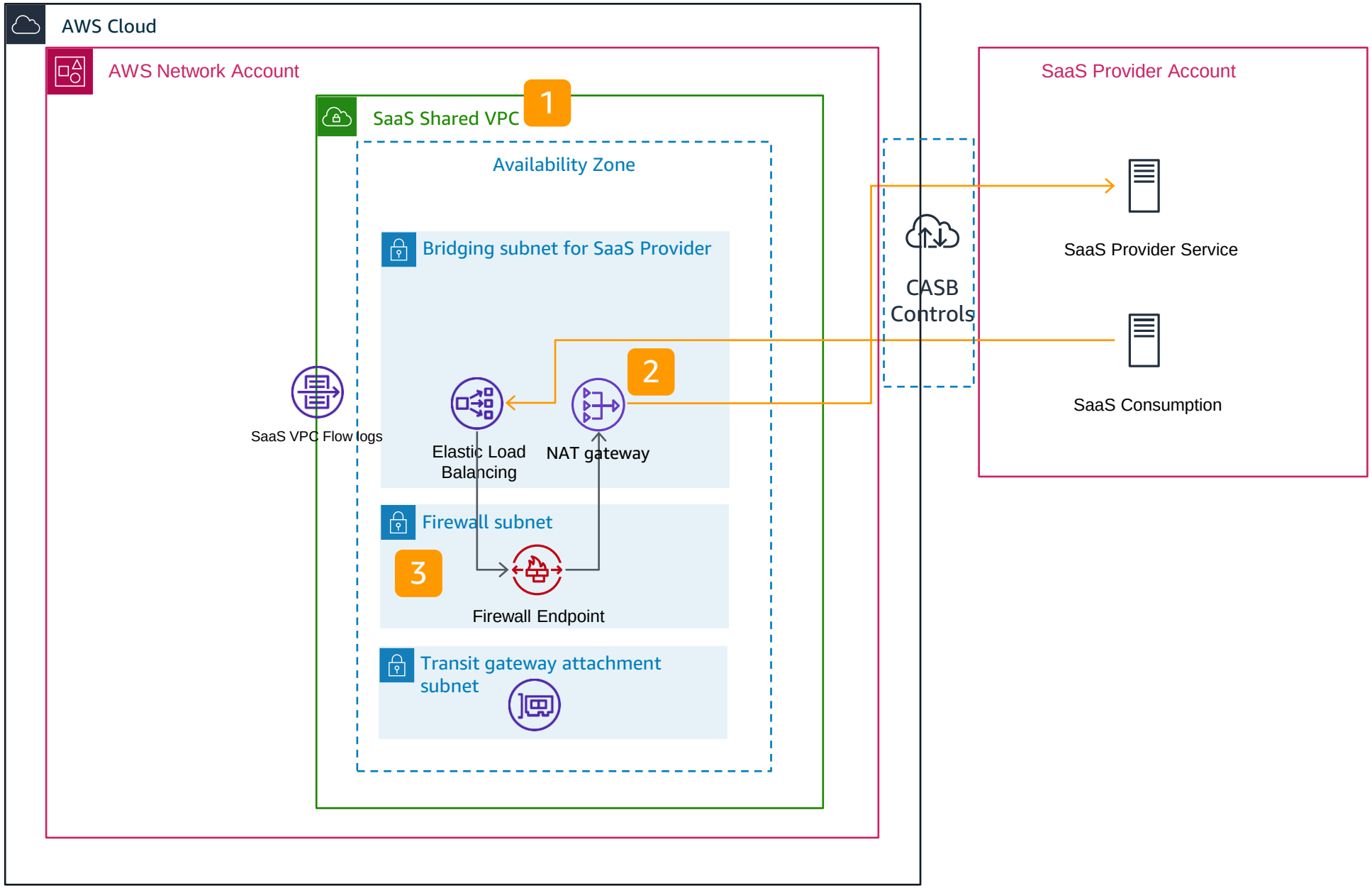
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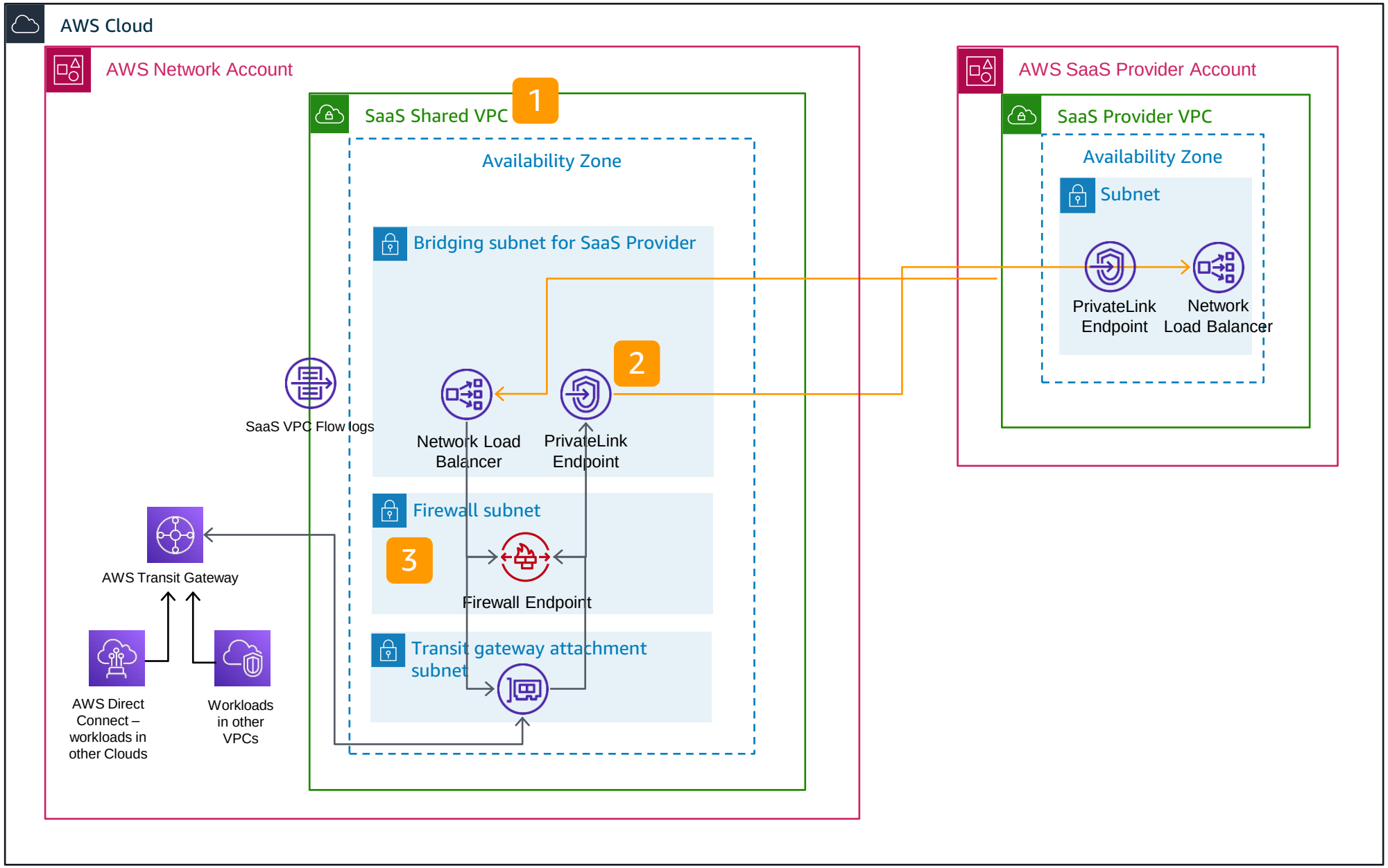
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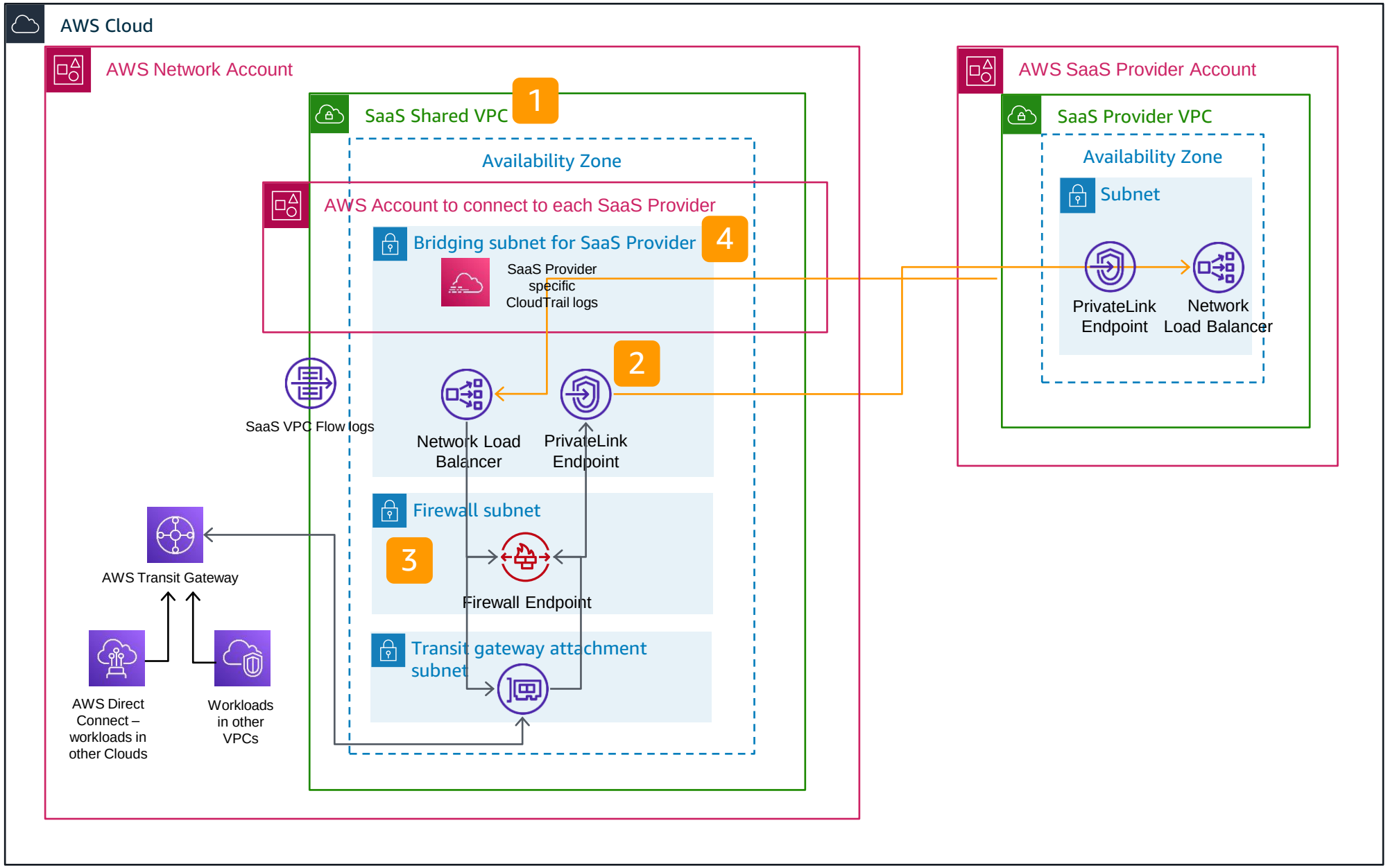
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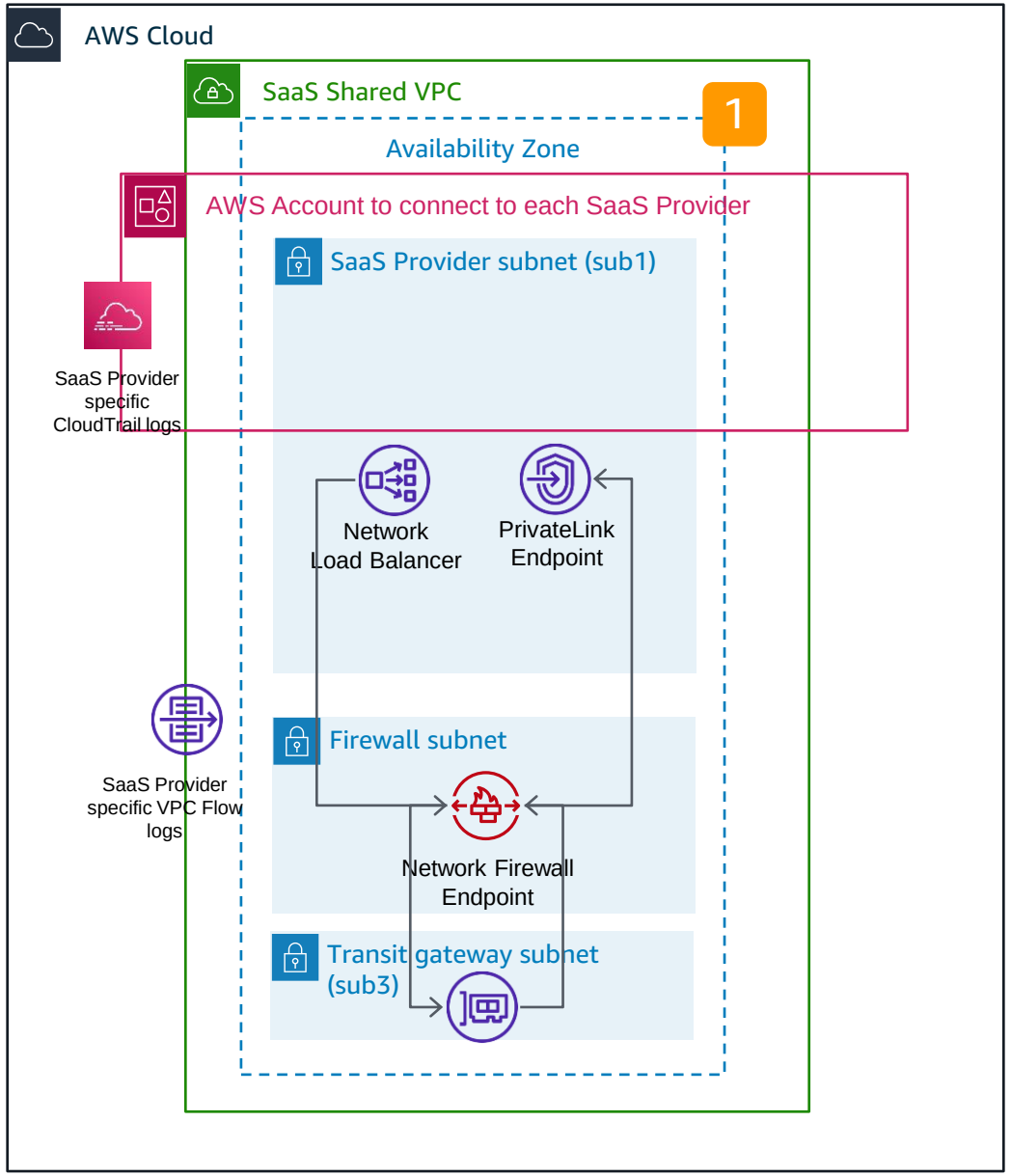
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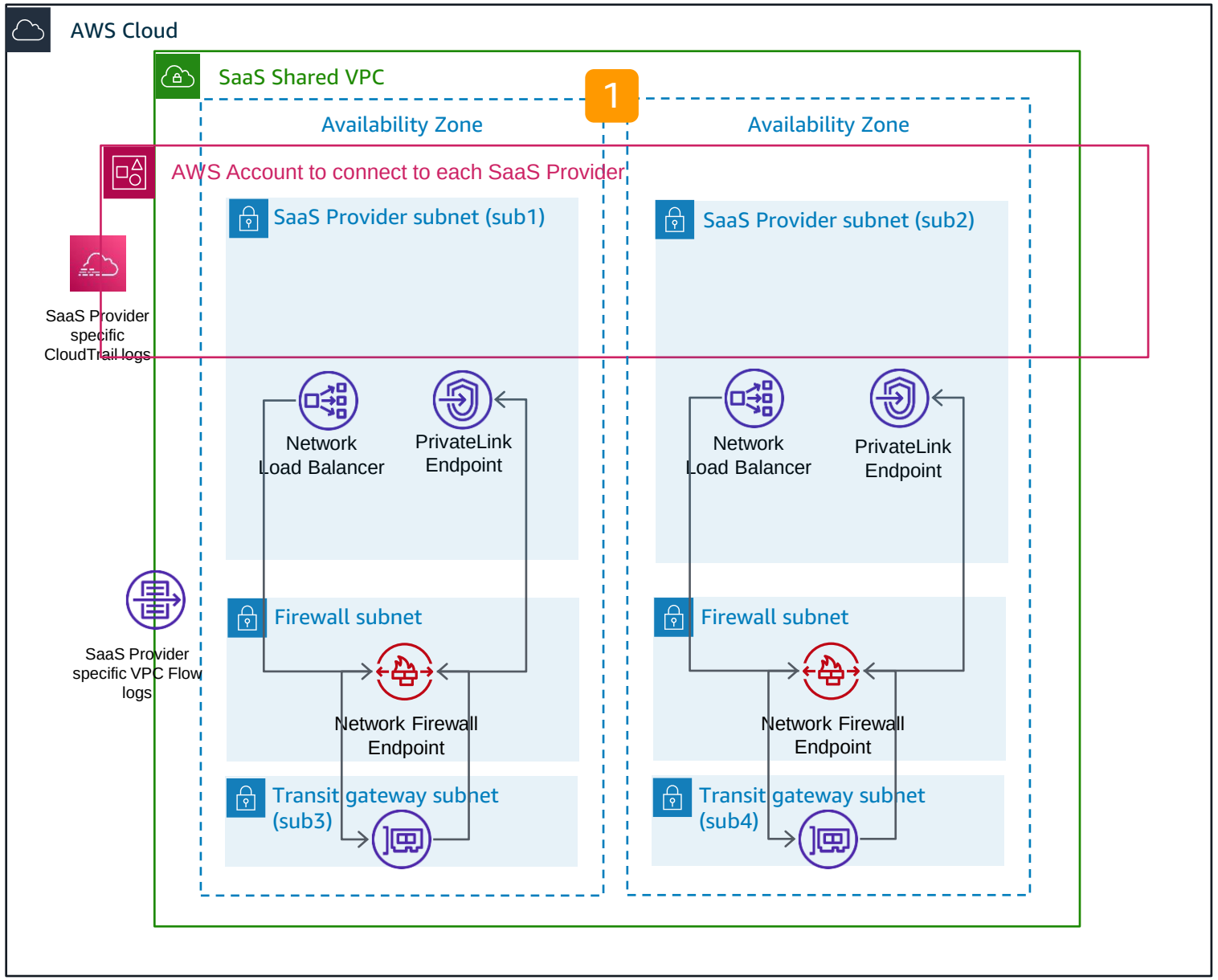
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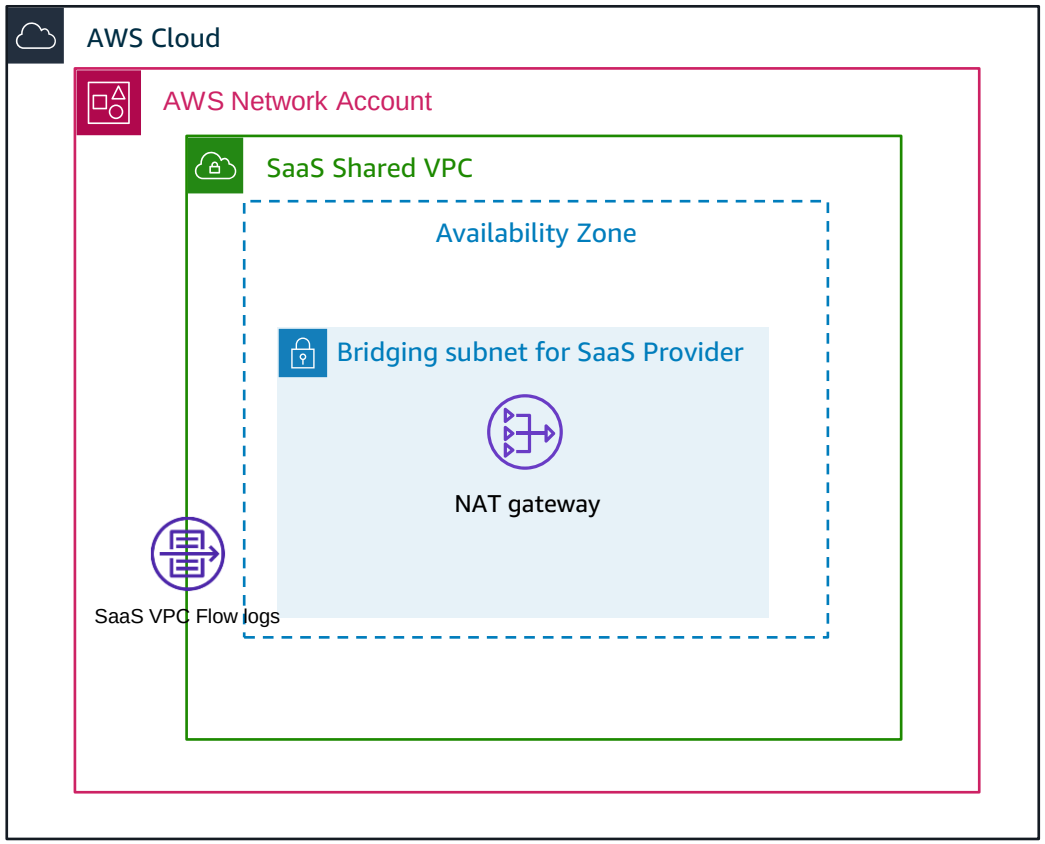
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Foundational patterns/practices – Resiliency



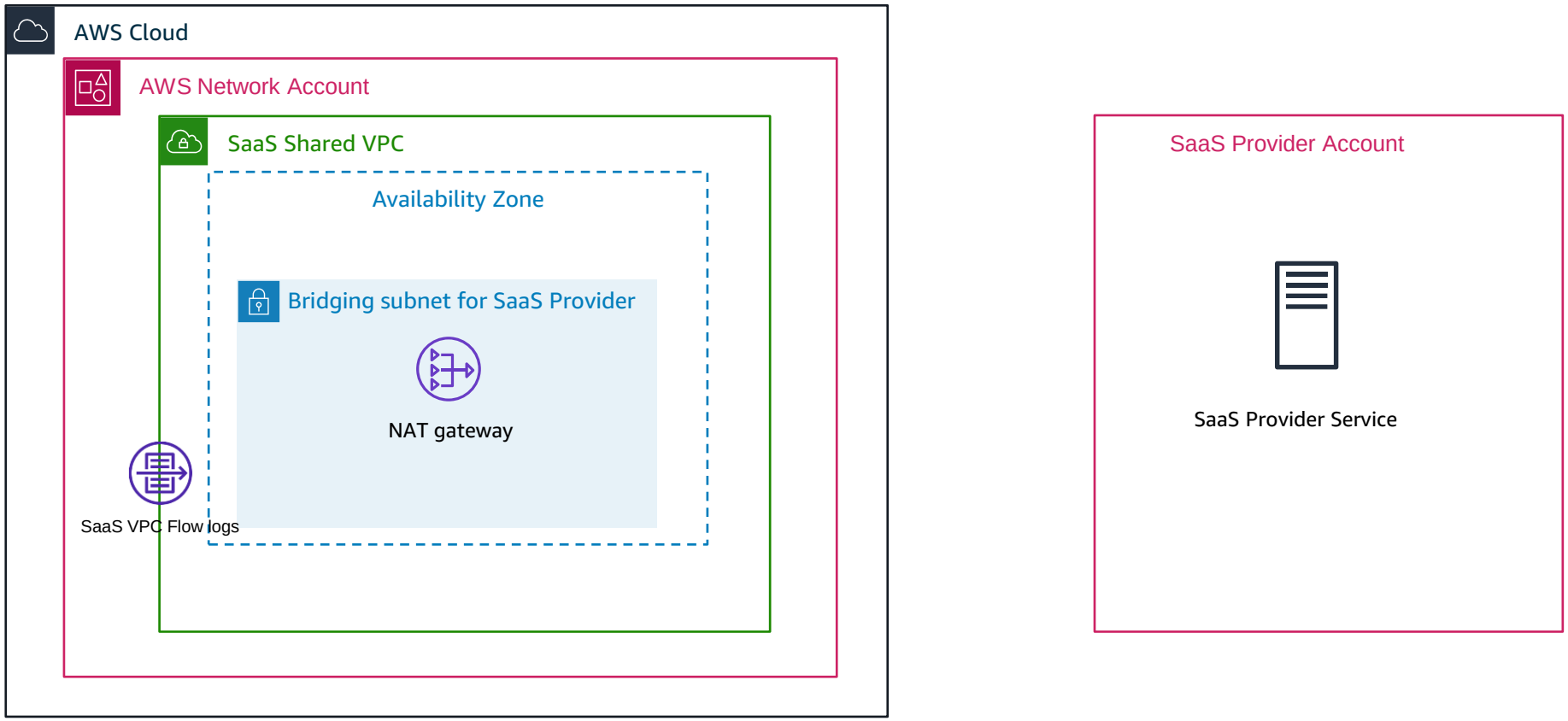
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Scenario 1: Consuming API



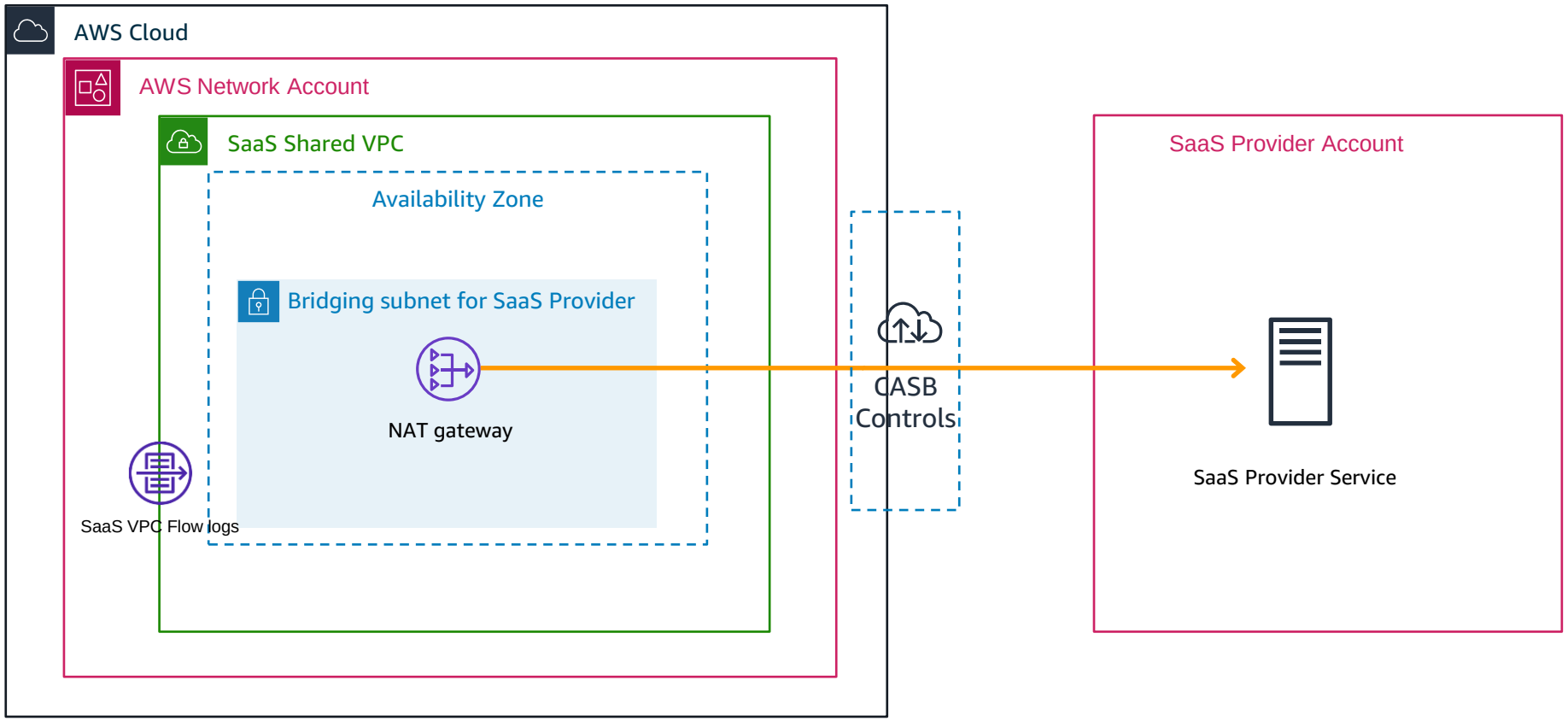
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Scenario 1: Consuming API (SaaS provider not on AWS)



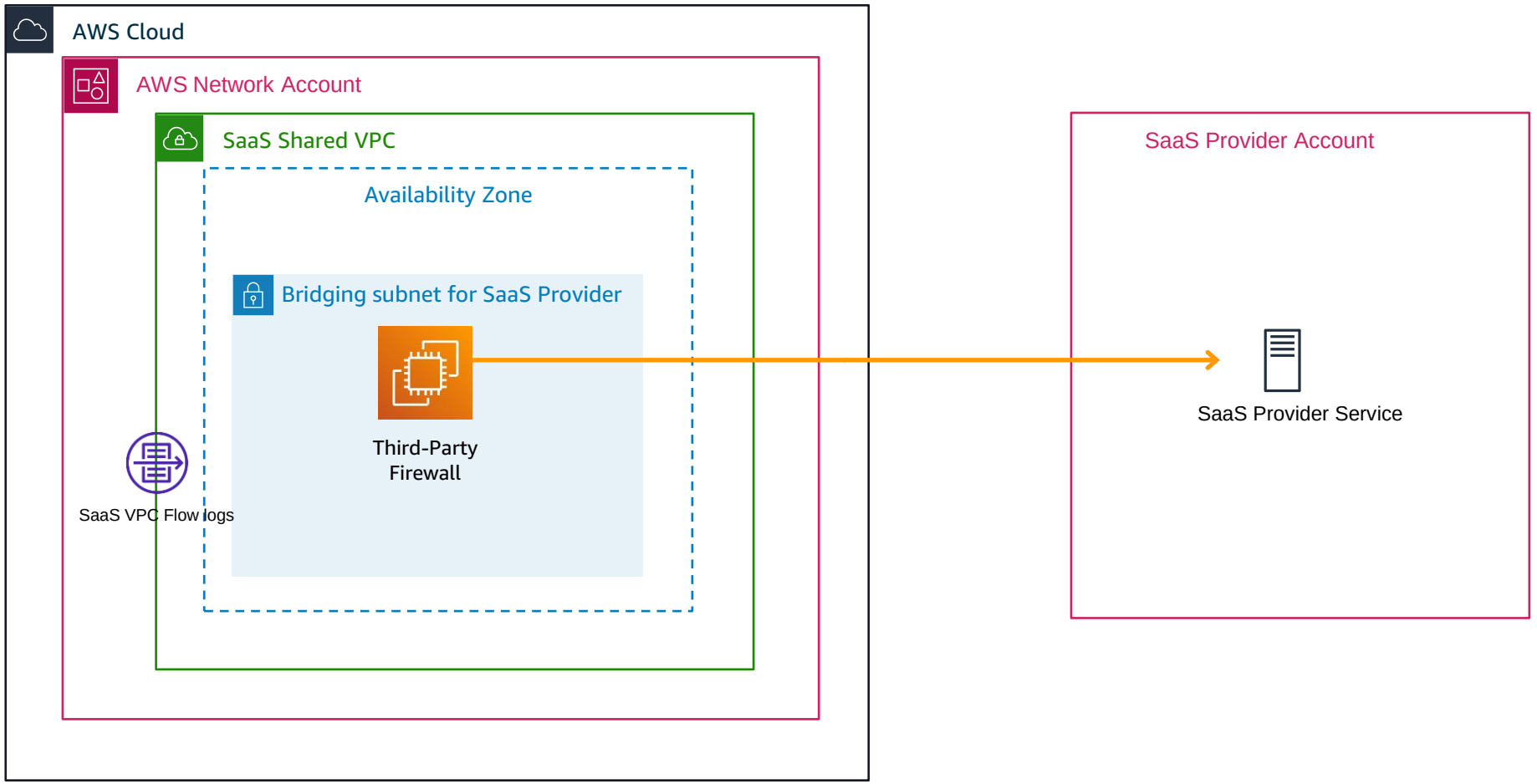
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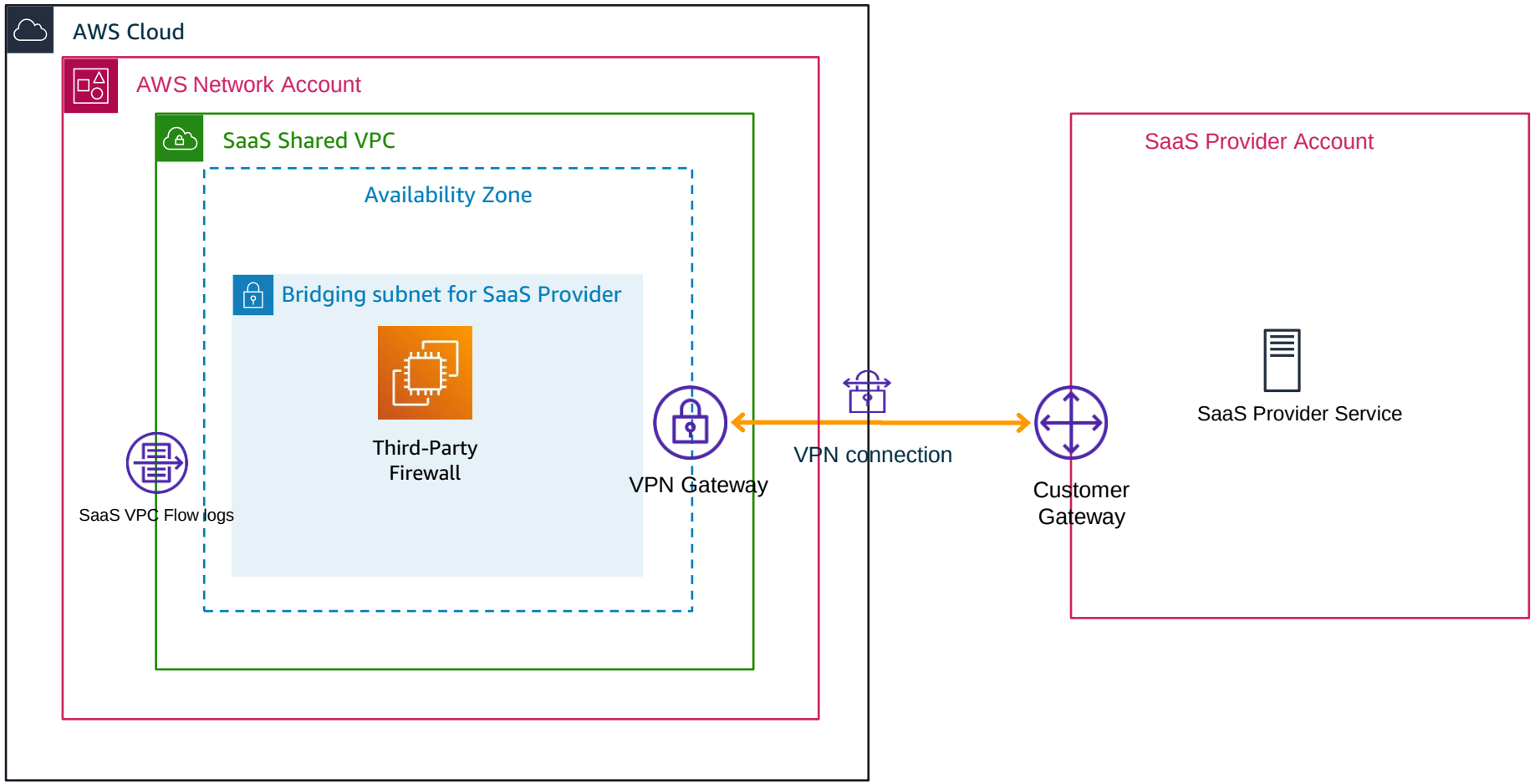
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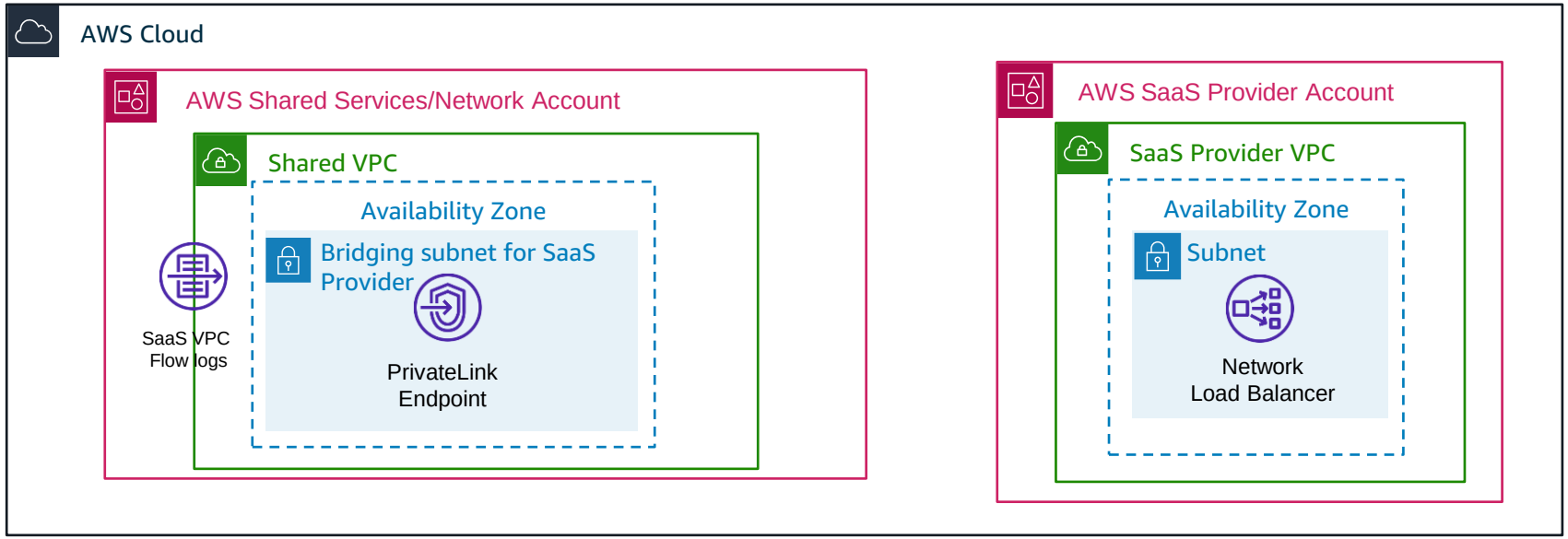
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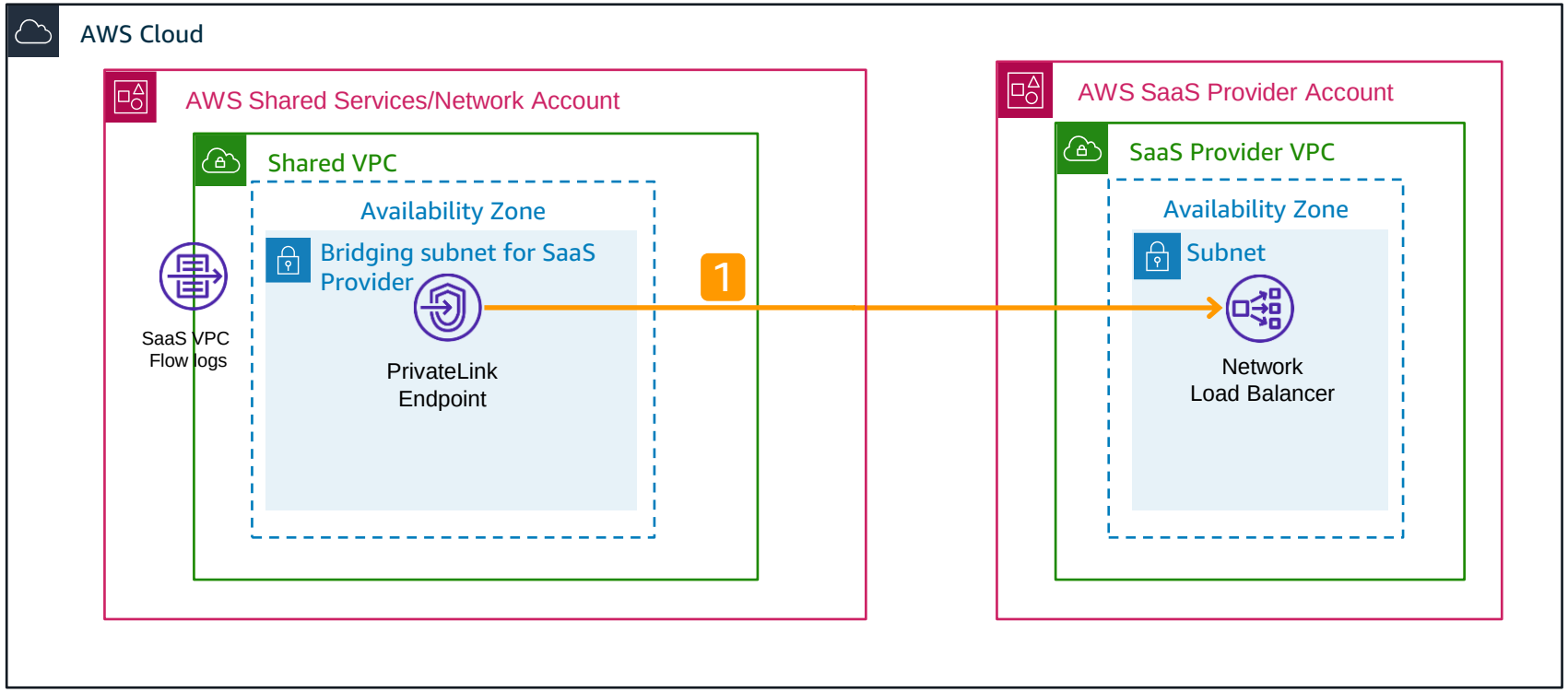
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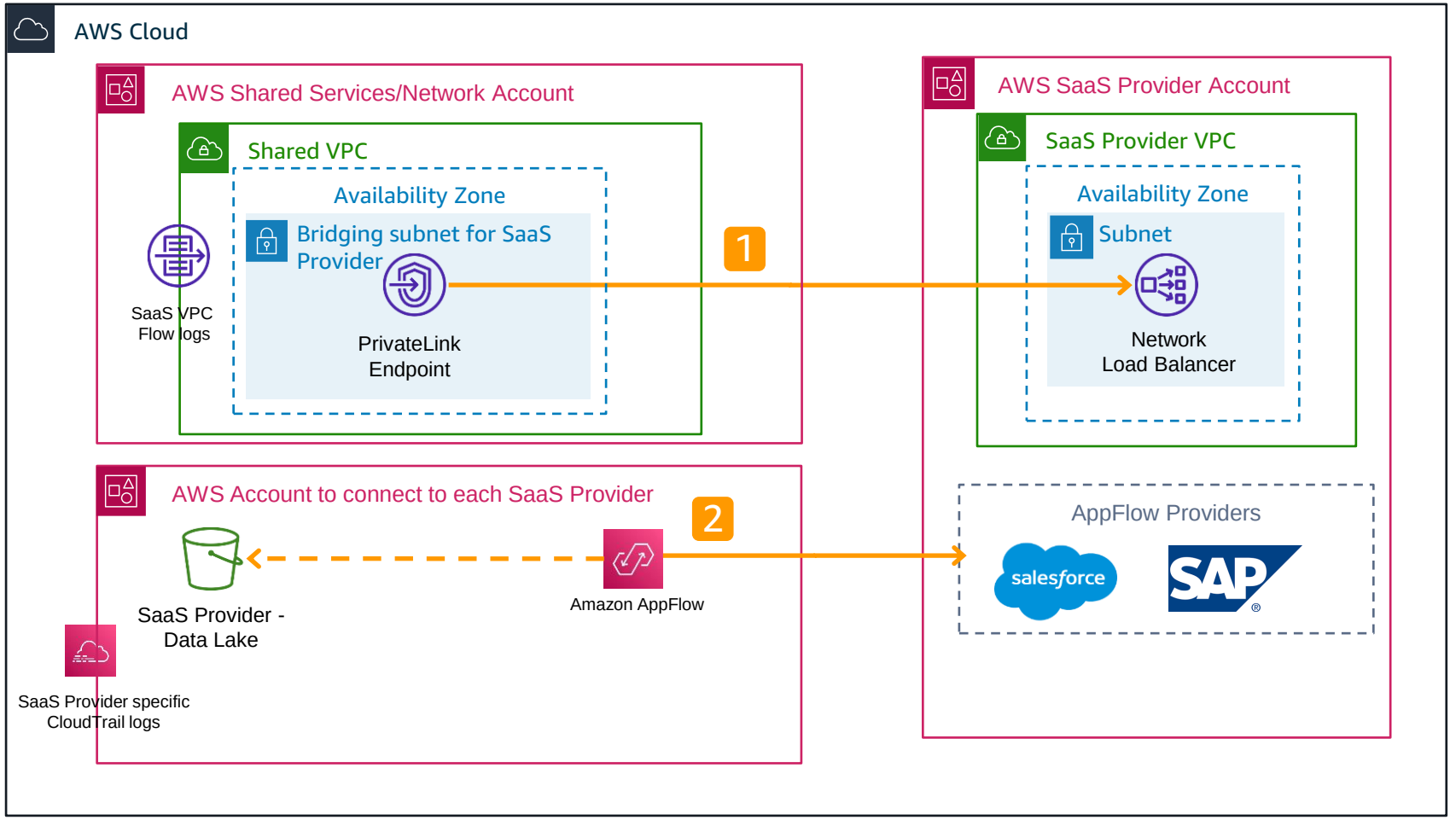
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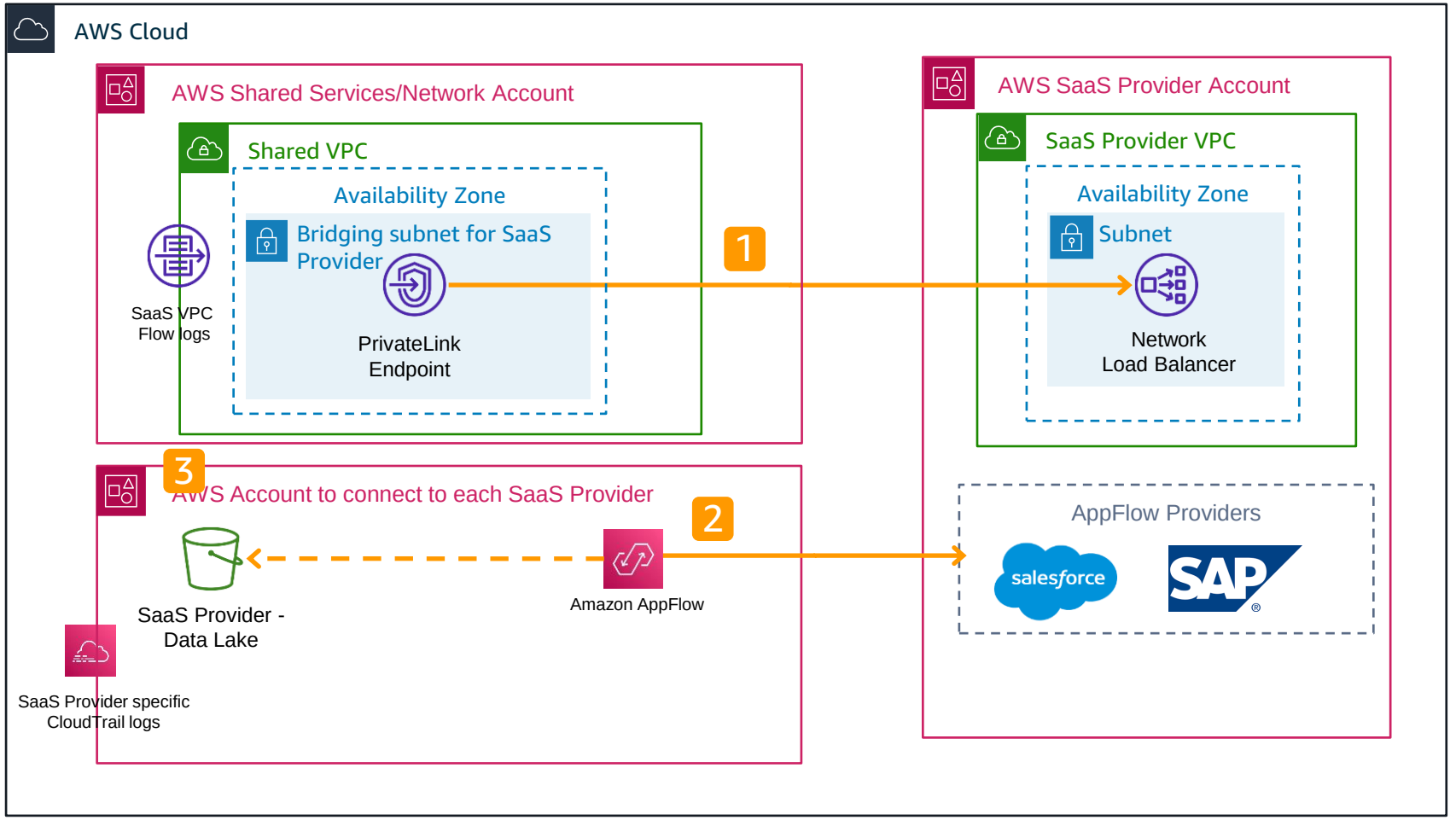
Scenario 1: Consuming API (SaaS provider on AWS)



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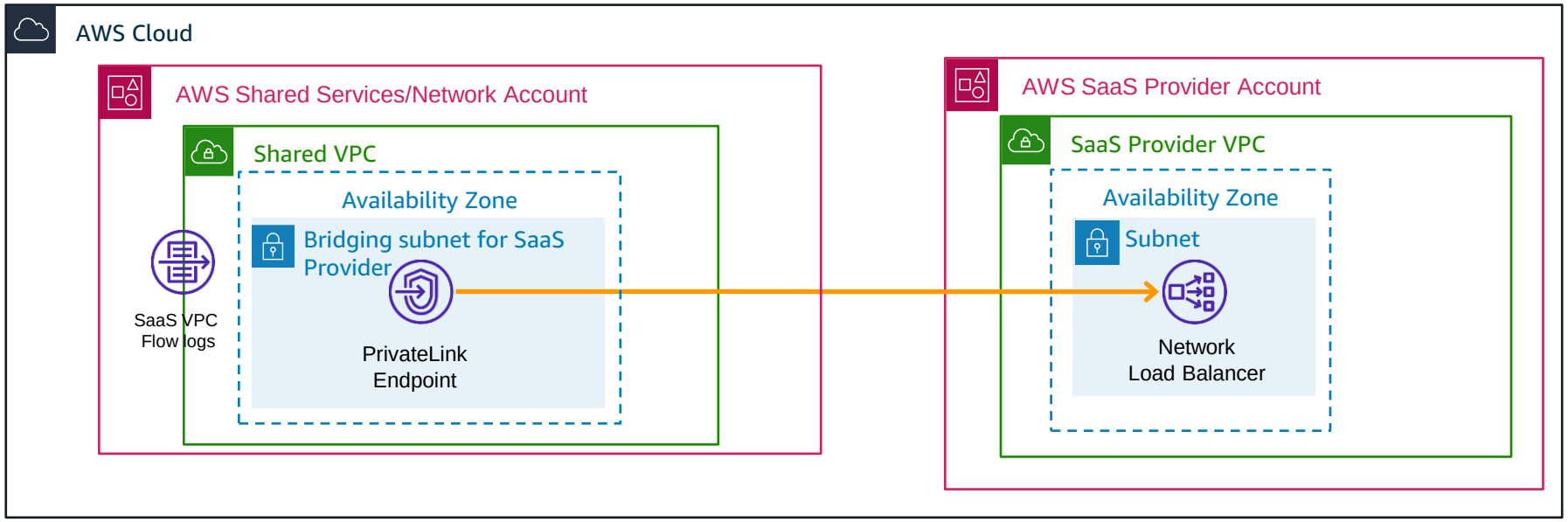
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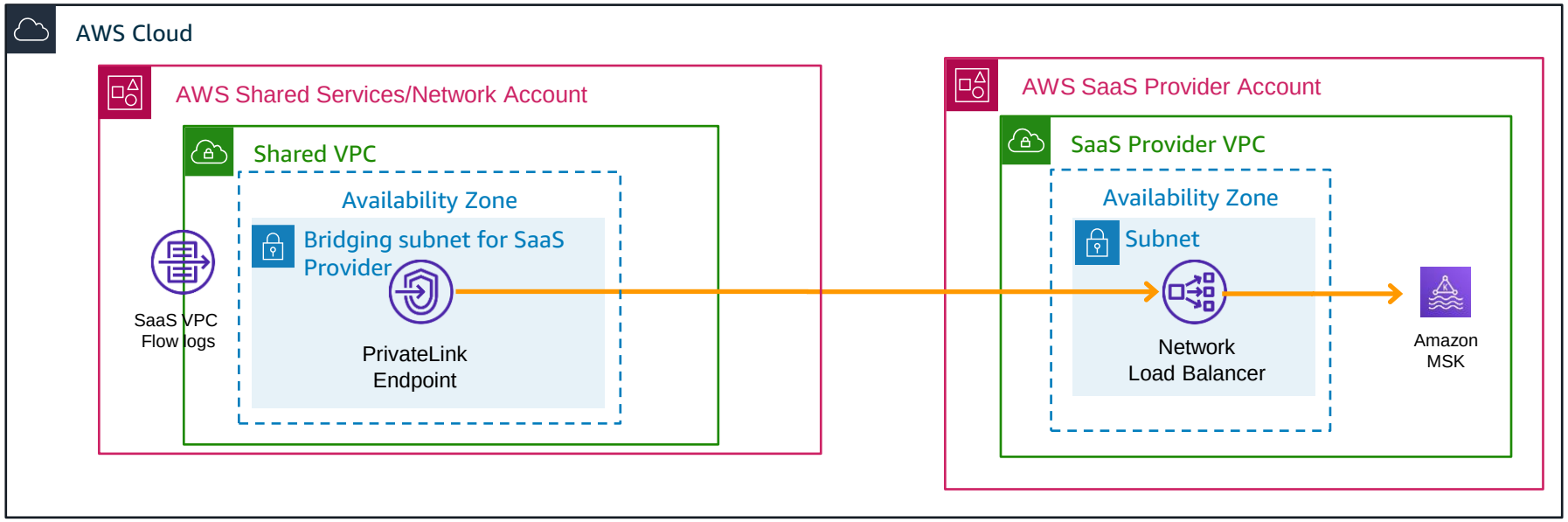
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Scenario 2: Consuming data/events



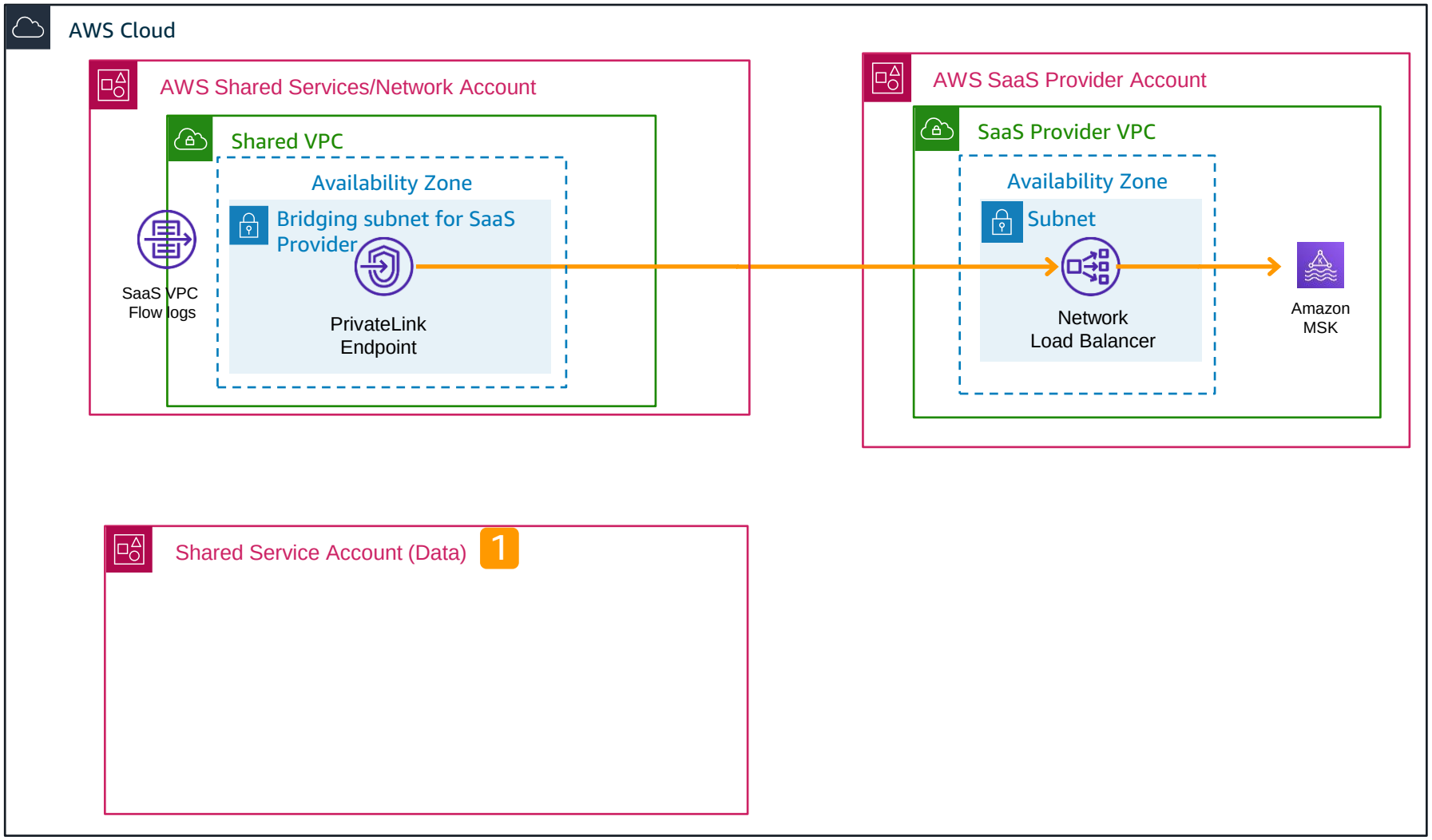
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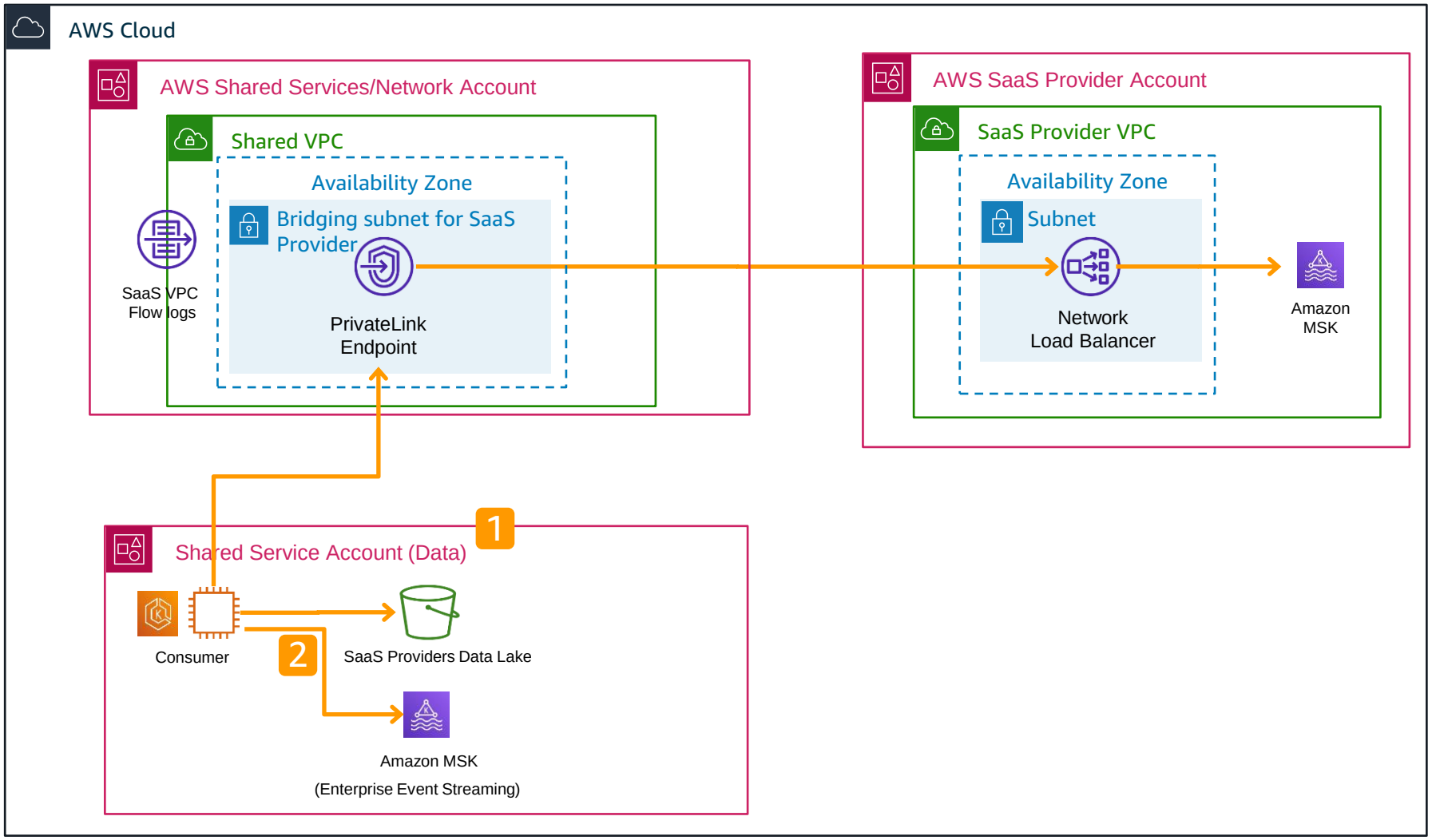
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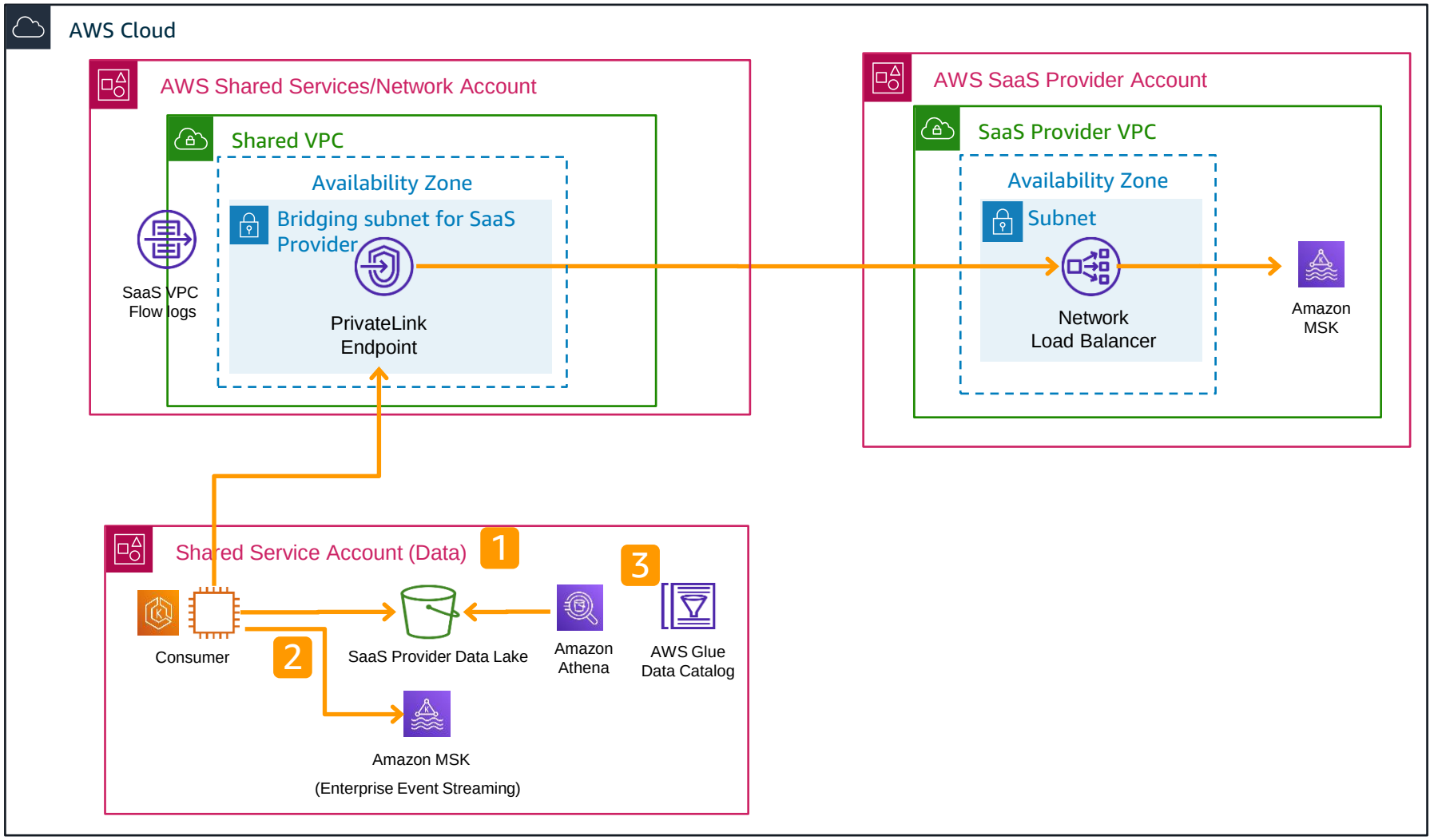
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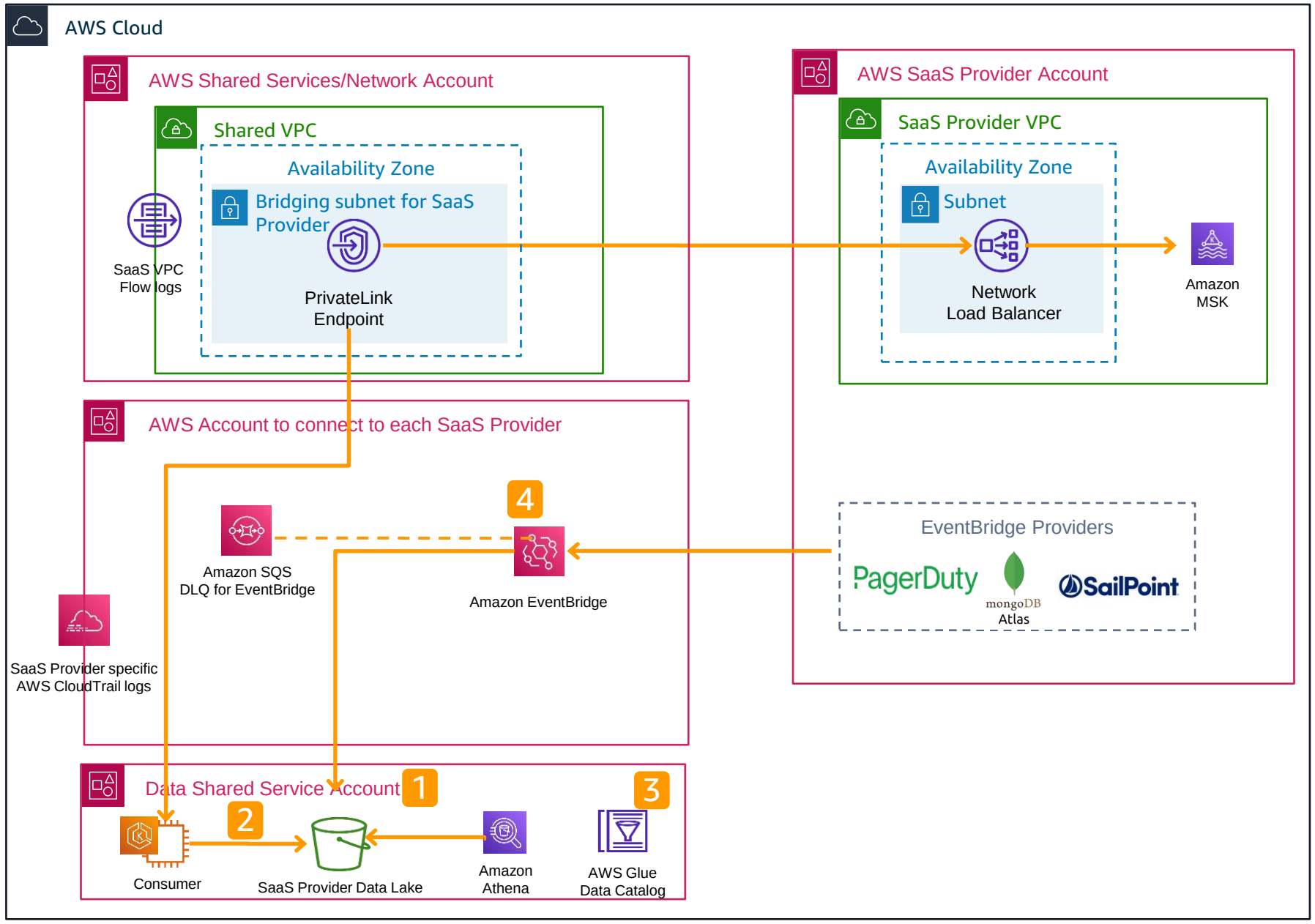
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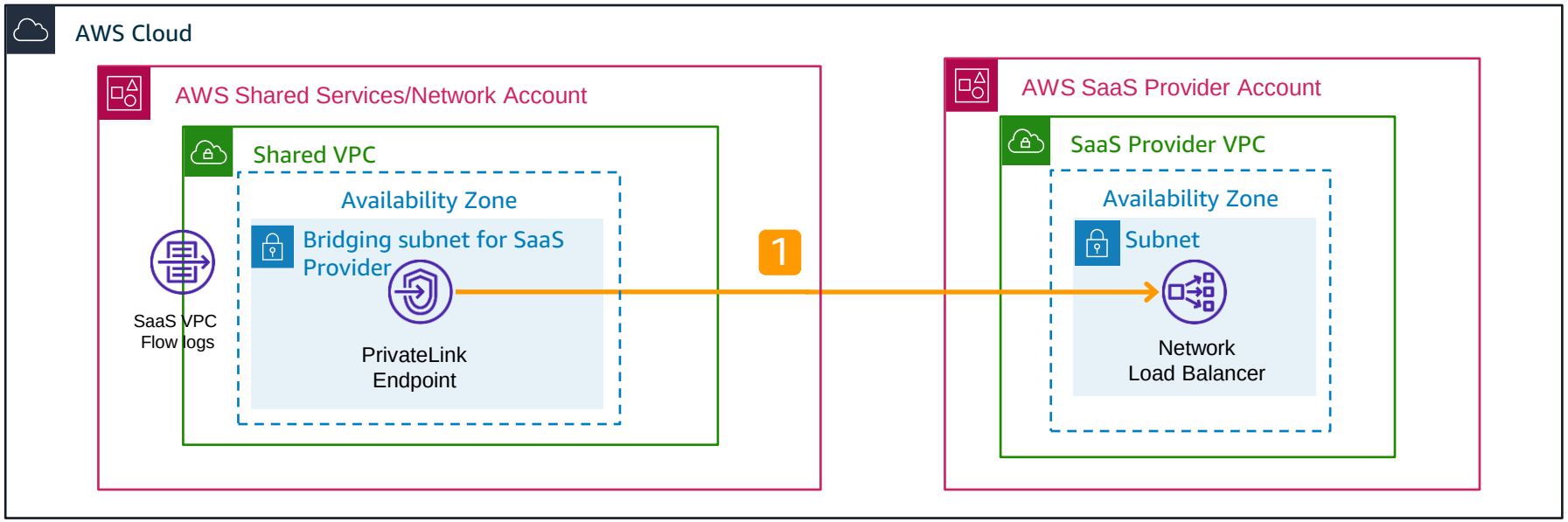
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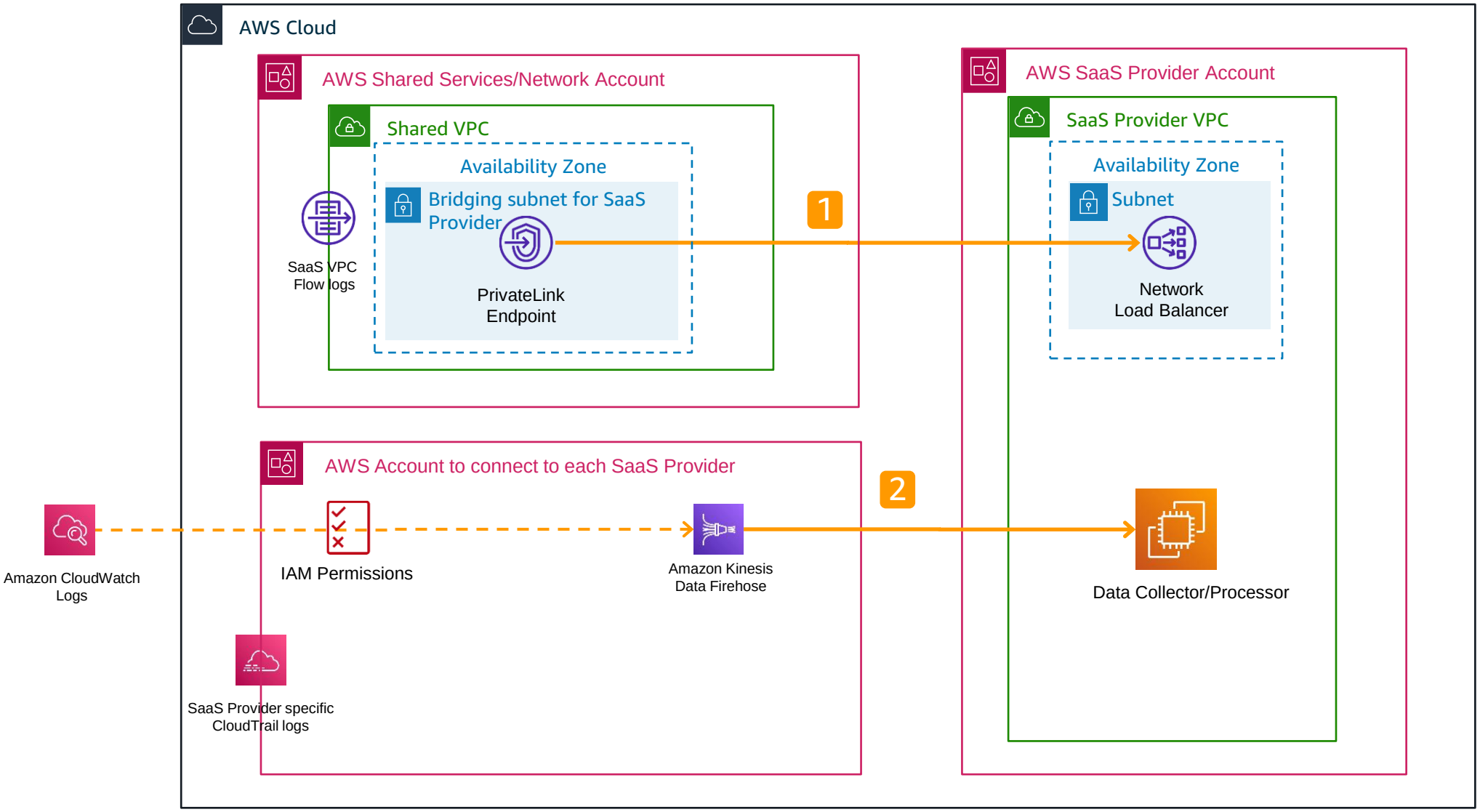
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Scenario 3: Sending data to a SaaS provider for processing



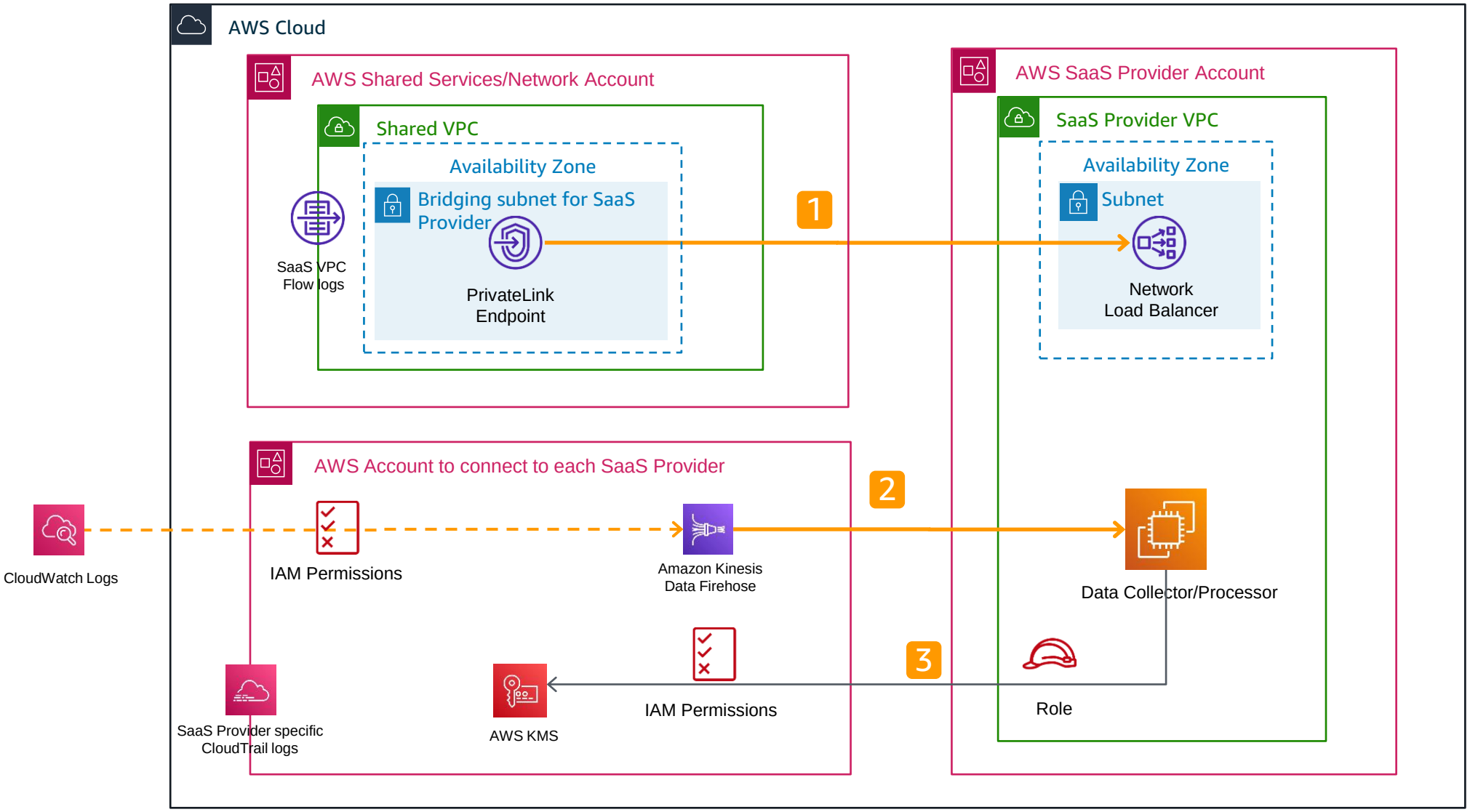
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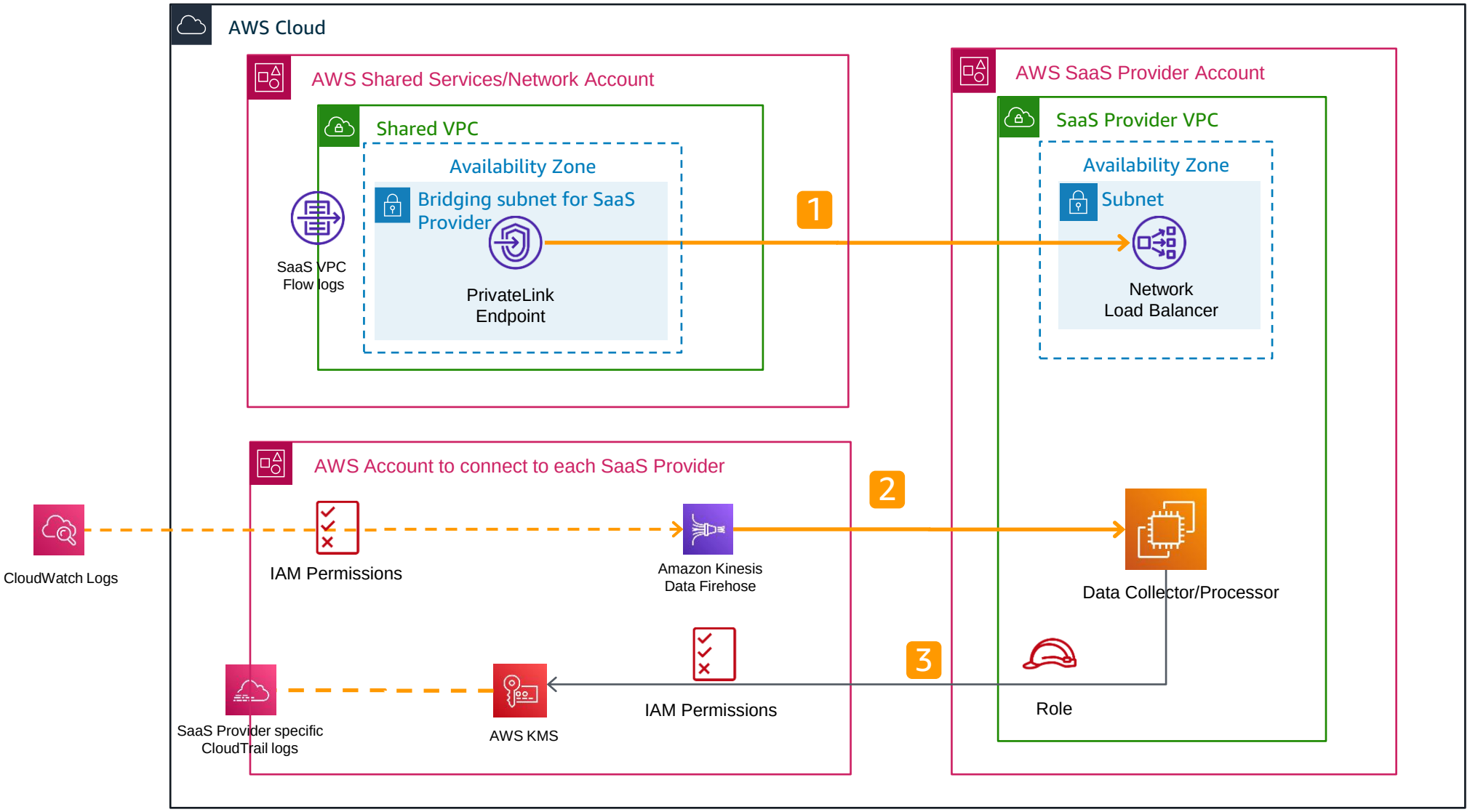
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Scenario 3: Sending data to a SaaS provider for processing



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Scenario 3: Sending data to a SaaS provider for processing



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