
AWS
re:Invent
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ENT 311

Migrate and modernize Oracle E-Business Suite on AWS in 5 steps

Simon Cunningham

Sr. Specialist SA, Oracle
AWS

Roopesh Ramklass

Principal Specialist SA, Oracle
AWS

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Agenda

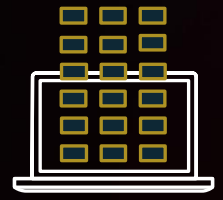
- Overview of Oracle E-Business Suite on AWS
- Oracle E-Business Suite – Architecture reference patterns
- Oracle E-Business Suite to AWS – Migration patterns
- Oracle E-Business Suite – Amazon RDS Custom for Oracle

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Overview: Why AWS is great for Oracle applications?



One of the most reliable and secure cloud infrastructures available



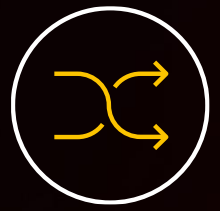
200+ cloud services to innovate with



Organizational productivity with automation



Proven infrastructure cost optimization



Oracle DB choice and flexibility

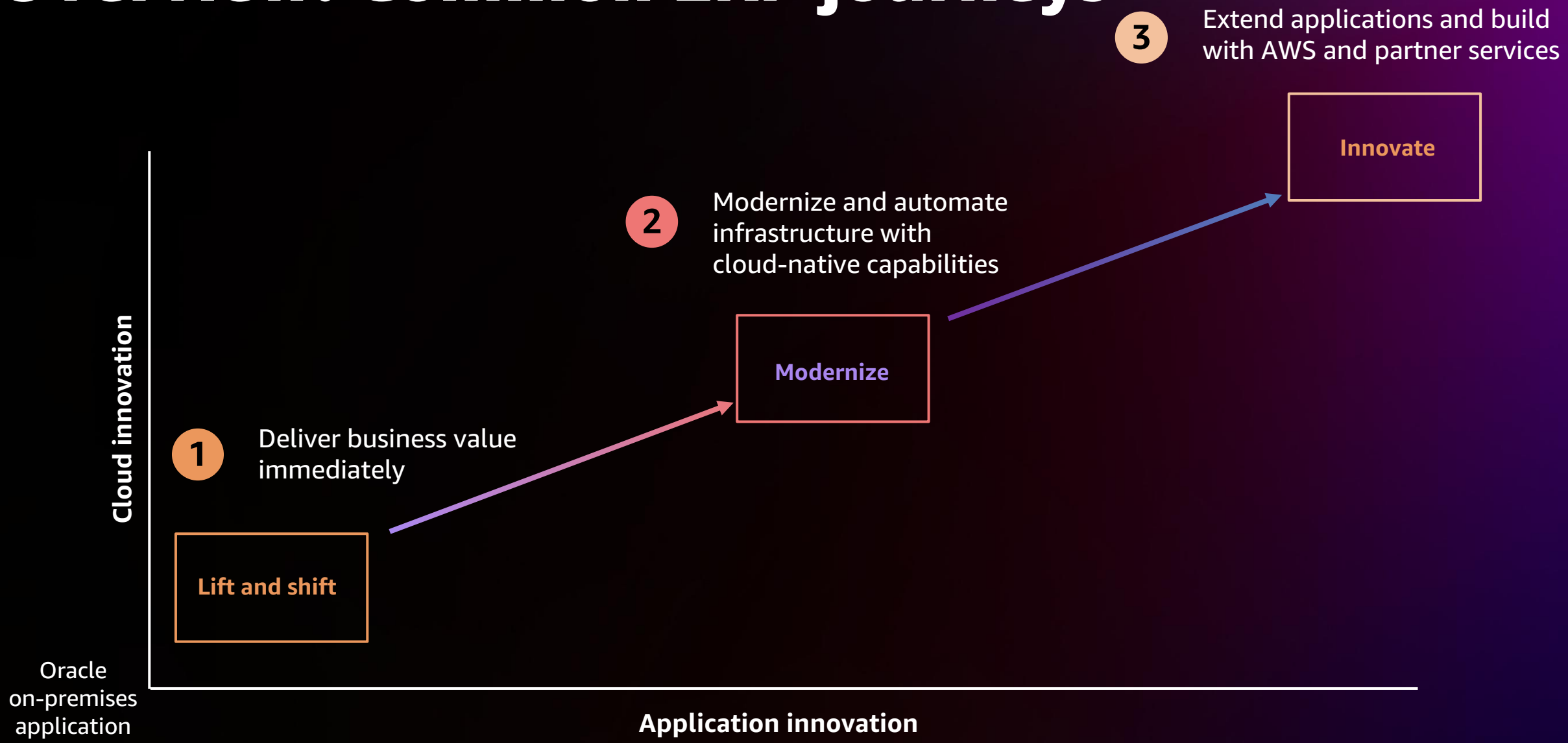


Innovation and experience with Oracle on AWS

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Overview: Common ERP journeys



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What are some AWS services that modernize E-Business Suite?



Amazon FSx for NetApp ONTAP
Regionally highly available, fully managed, scalable shared file system supporting NFS, SMB, and iSCSI protocols



Amazon RDS Custom
Full-control HA and DR solution for Oracle database



Amazon WorkSpaces
Desktop solution for Oracle EBS developers



AWS Elastic Disaster Recovery
Cost-effective DR solution for Oracle EBS middle tier



Amazon Athena
Serverless interactive query service to analyze data



Amazon QuickSight
Serverless BI service – ask natural language questions to visualize data in interactive dashboards



Amazon SageMaker
Fully managed machine learning – build, train, and deploy machine learning models for any use case

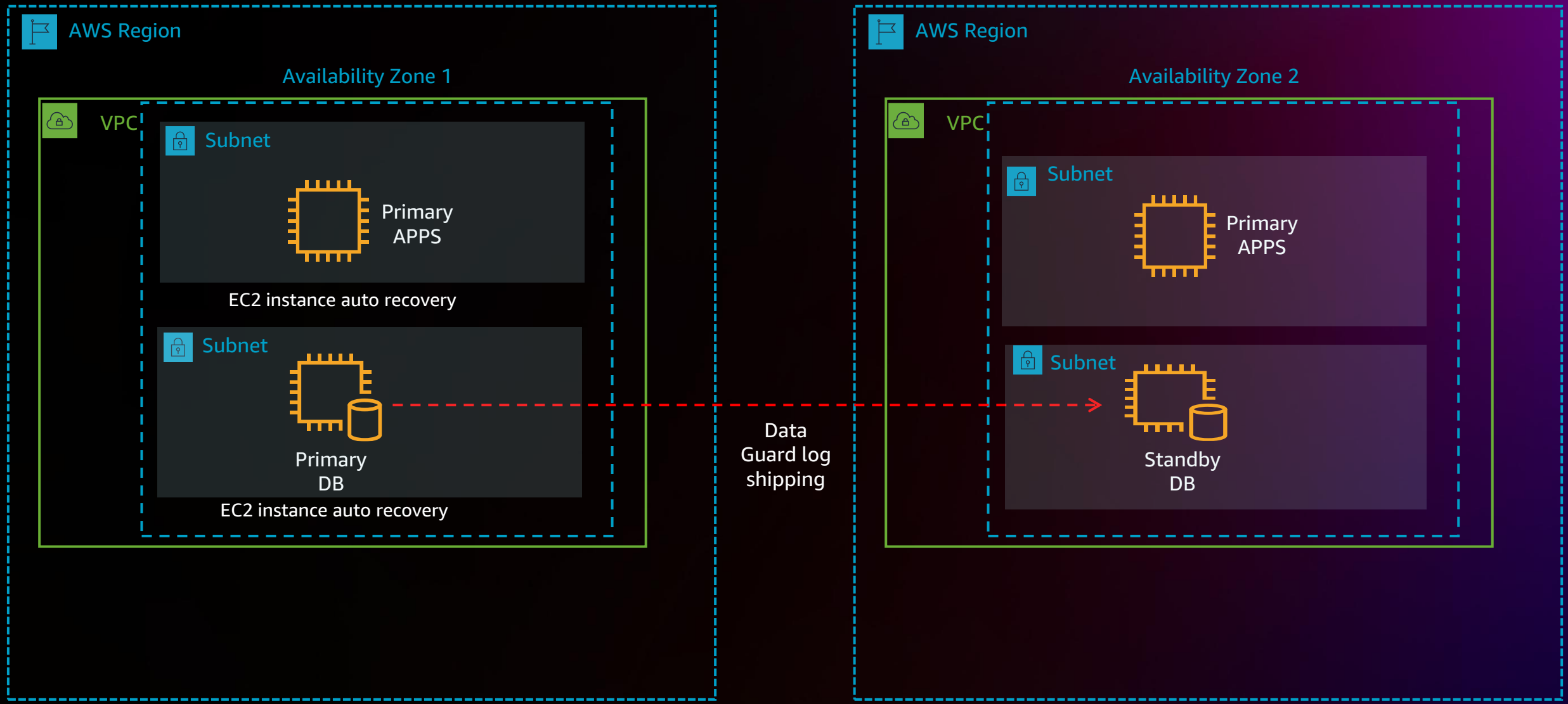


Amazon Transcribe
Automatic speech recognition service – easily add speech and text capabilities

Some of the many modernization capabilities for Oracle EBS on AWS

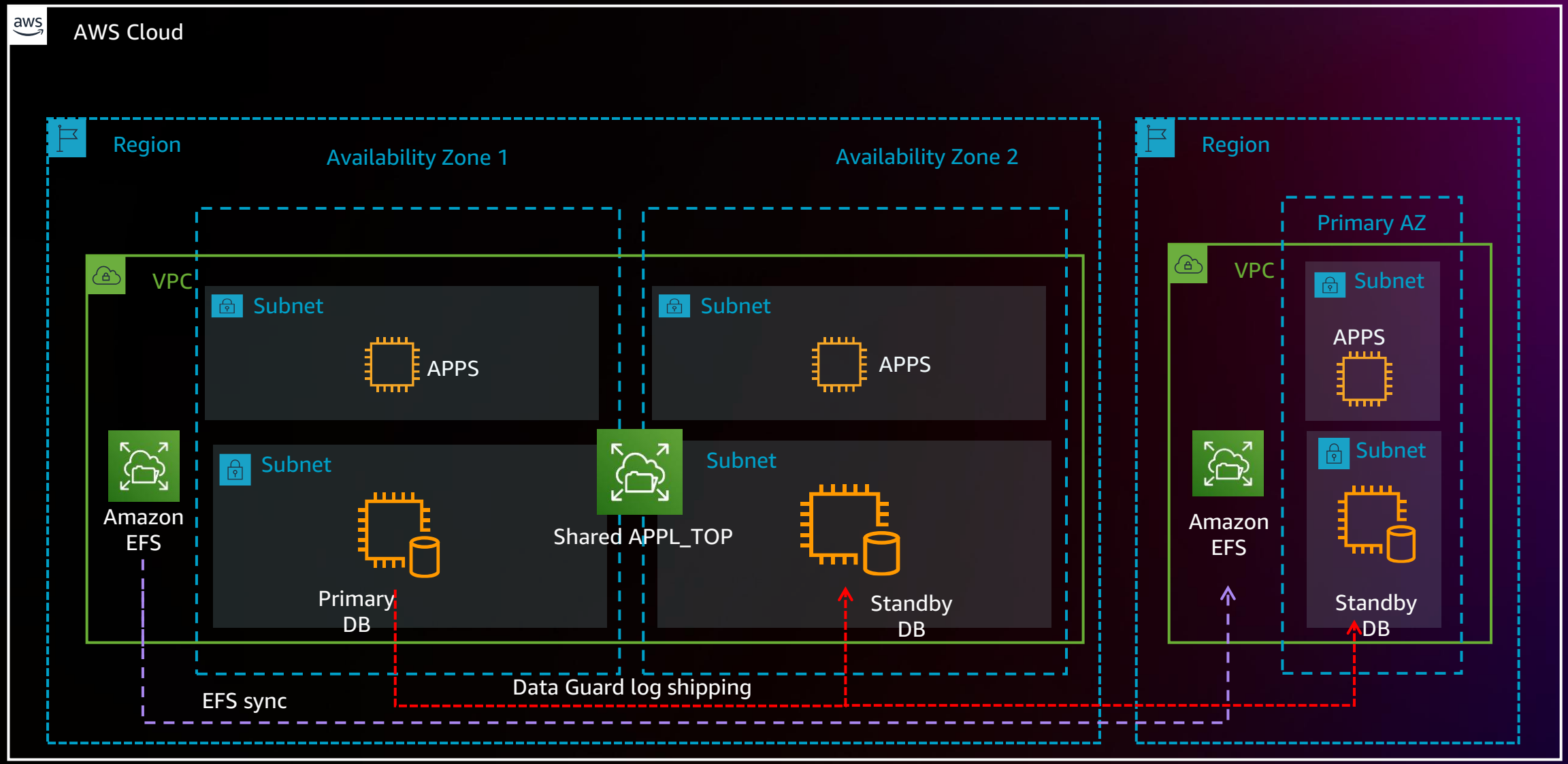
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Single-node architecture with DR



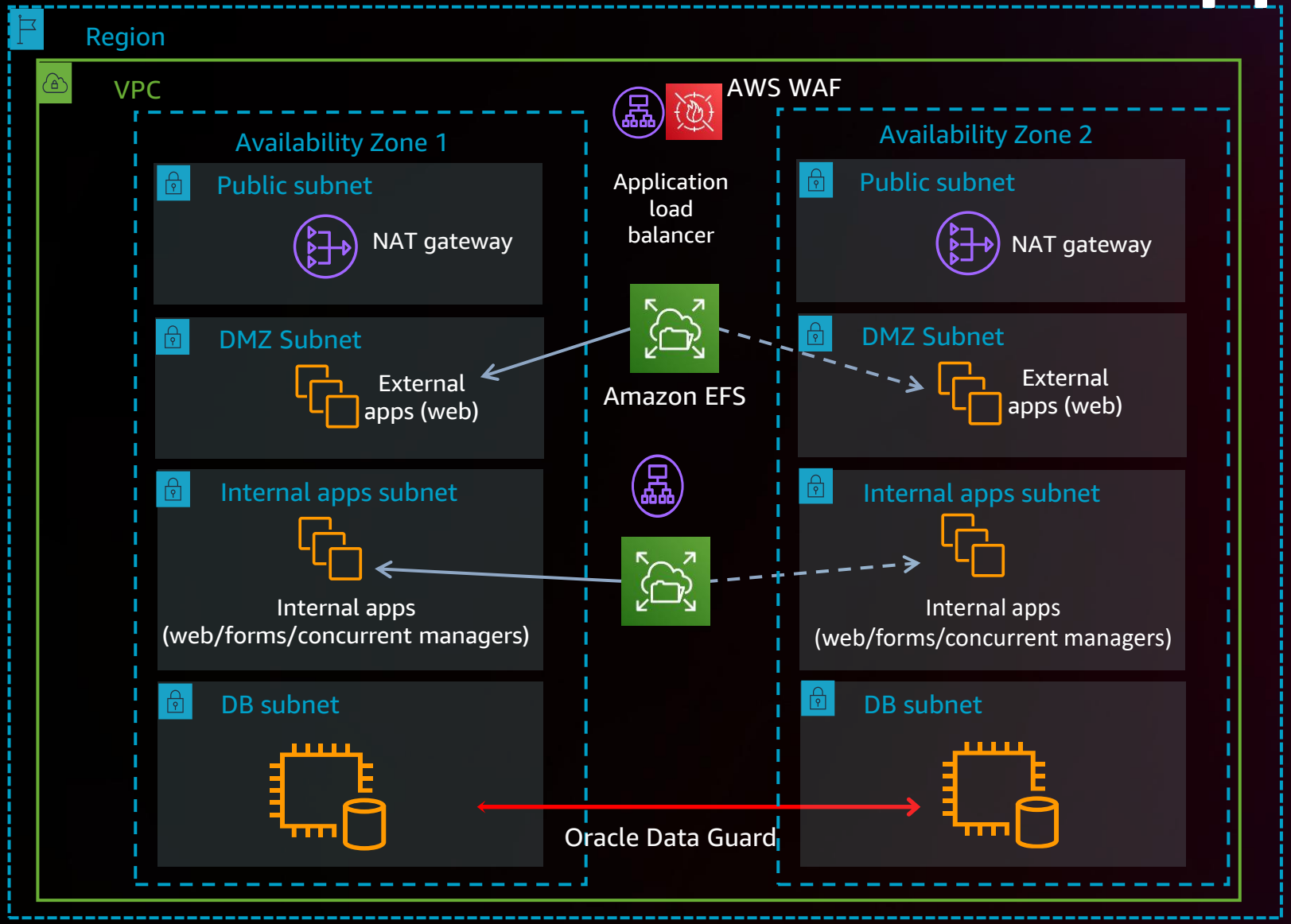
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Oracle Data Guard DR – Multi-Region



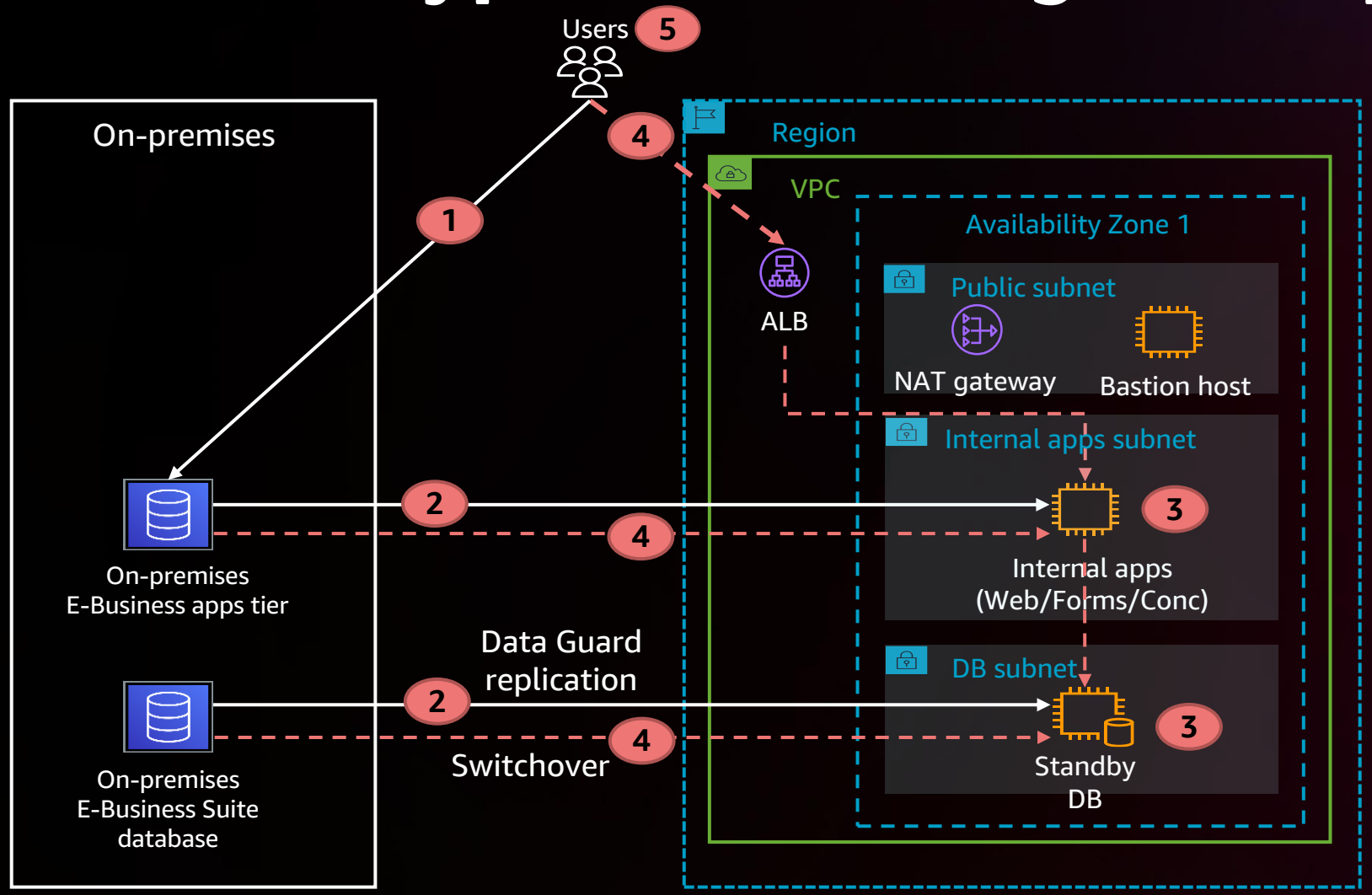
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Multi-AZ internal and external app tiers



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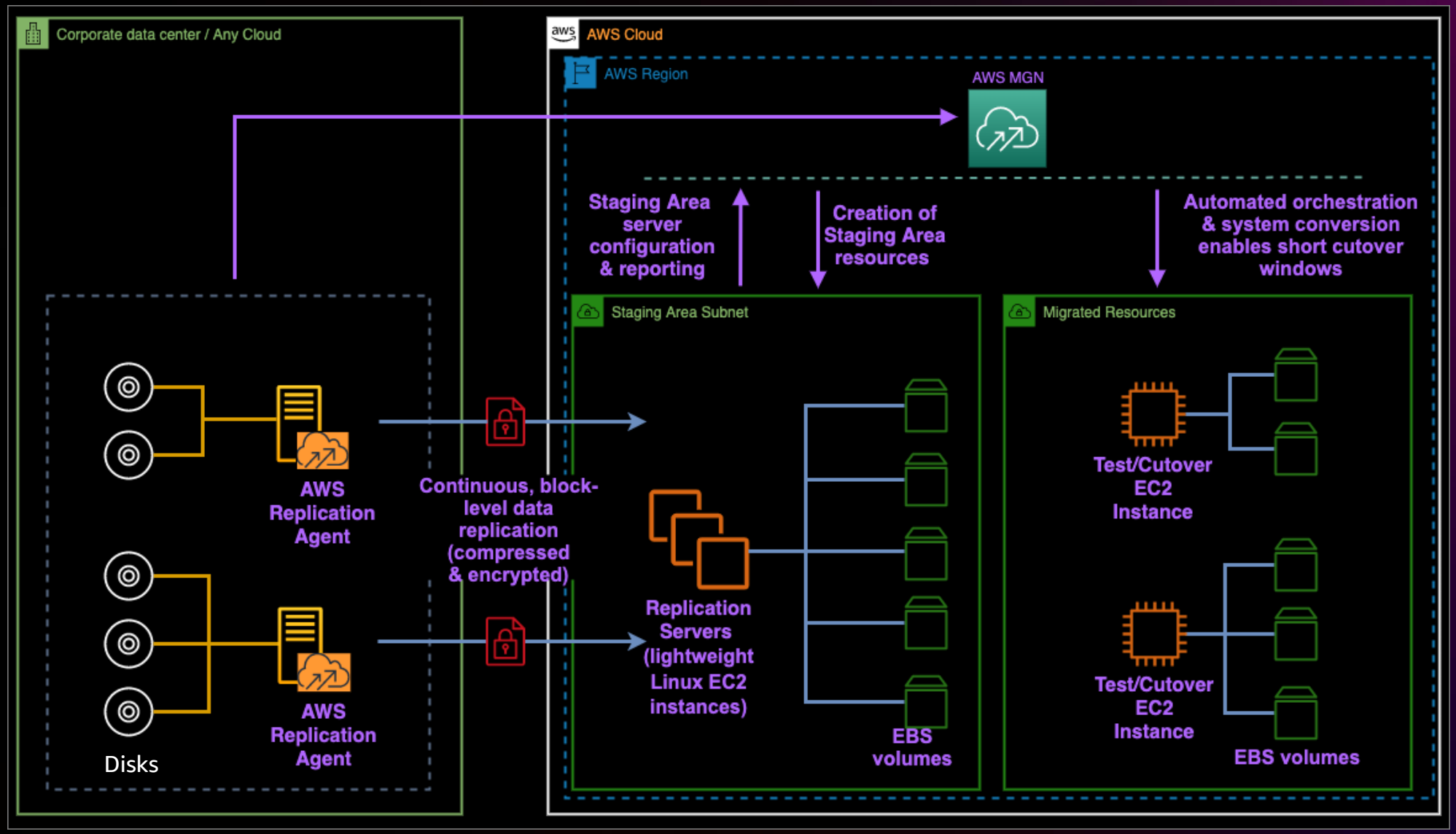
What is a typical AWS migration pattern for EBS?



1. Users connect to on-premises E-Business Suite
2. Sync application
3. Configure DR
4. Switchover
5. Users connect via Application Load Balancer

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Can you use AWS MGN to migrate EBS to AWS?



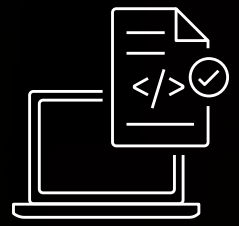
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Amazon RDS Custom key benefits



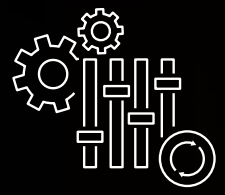
Managed experience

Automate database administrative efforts for legacy, custom, and packaged apps so that you can focus on more strategic, business-impacting activities



Administrative flexibility

Pause/resume automation, customize OS and database, bring your own media, and apply one-off patches



Granular control

Unrestricted host-level and database-level access, resource ownership, and control access management



Lift and shift

Few if any application changes – migrate using any database-native technology

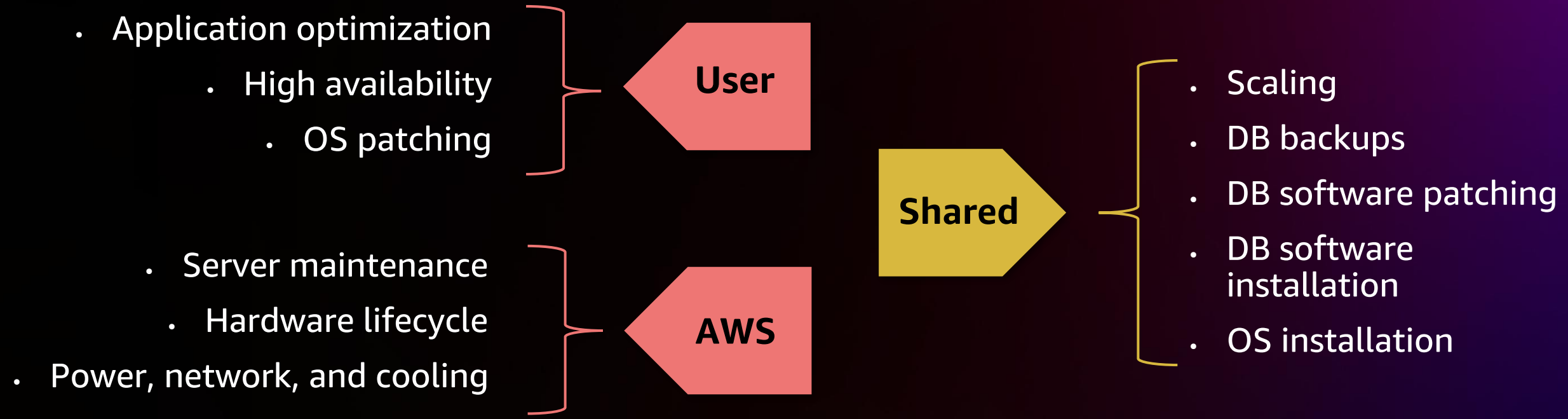
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Amazon RDS Custom

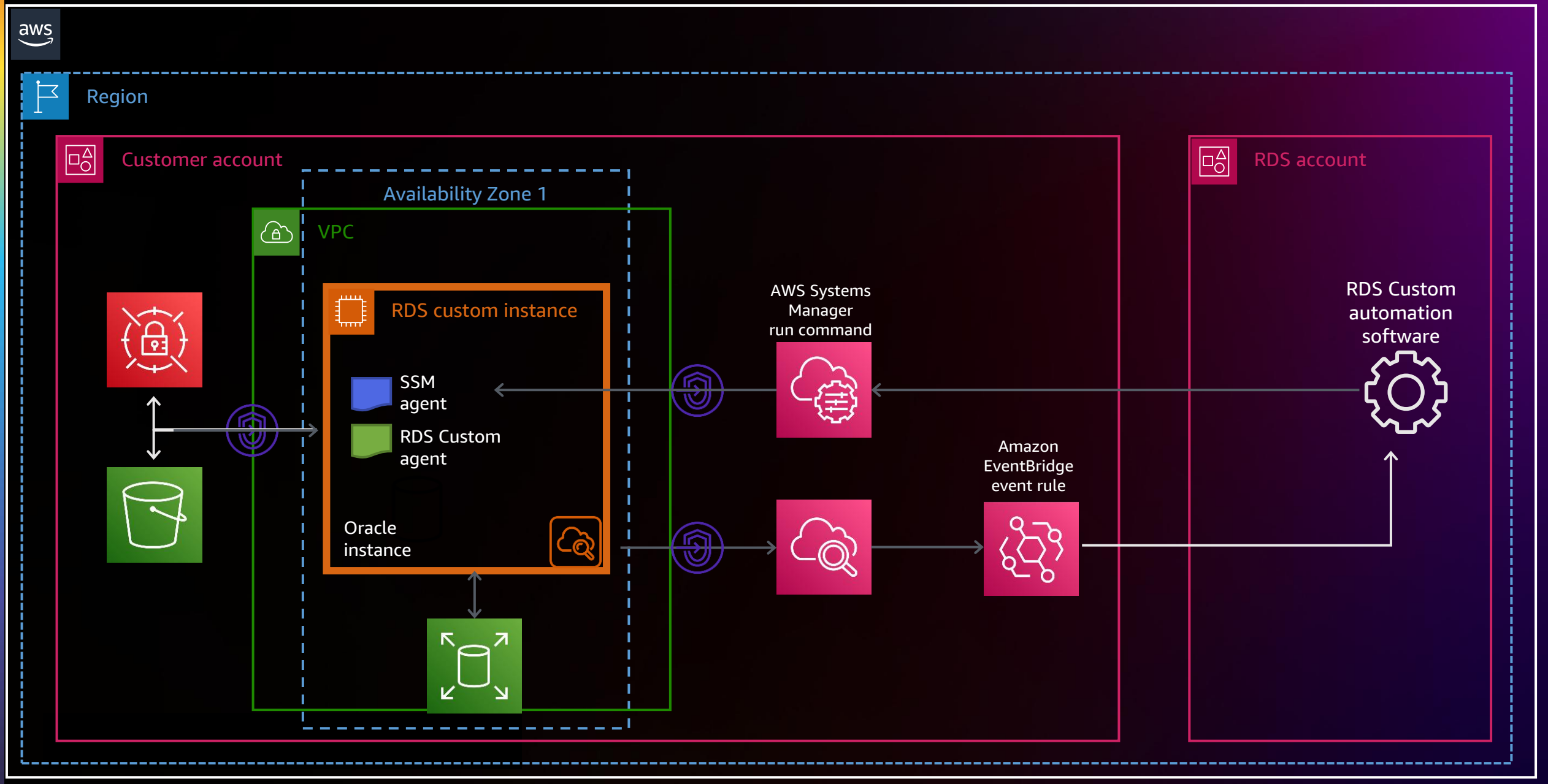
THE AUTOMATION OF AMAZON RDS WITH THE FLEXIBILITY OF AMAZON EC2

Shared responsibility model



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Amazon RDS Custom for Oracle – Architecture



Thank you!

Simon Cunningham
cunsimon@amazon.co.uk

Roopesh Ramklass
snowmage@amazon.com



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