AWS re:Invent

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ENT310

Migrate an SAP ERP system to AWS with minimal downtime

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Today’s agenda

Intro

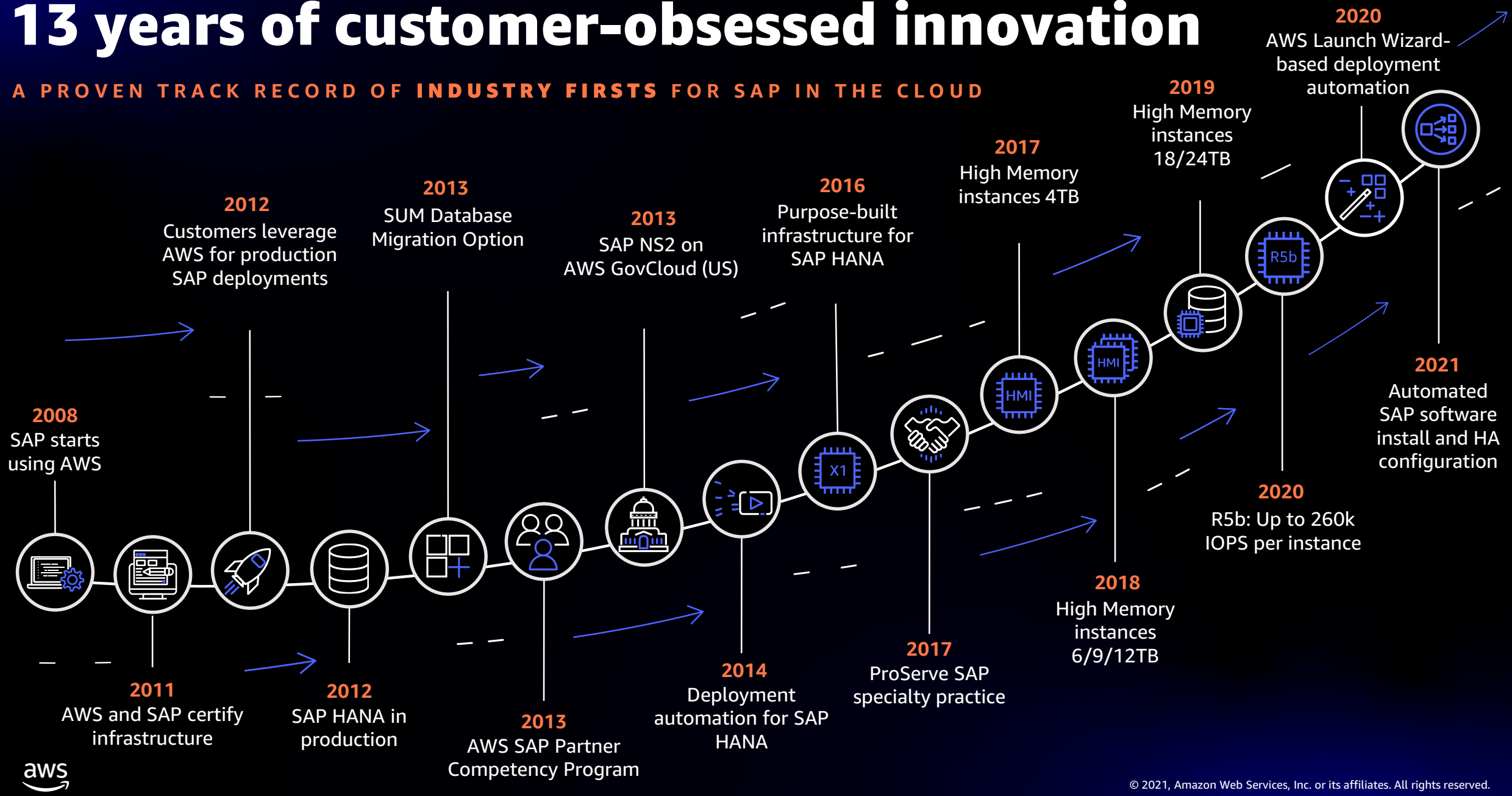
- Why SAP customers choose AWS
- Evaluating your SAP migration options

Workshop: Migrate an S/4HANA system to AWS

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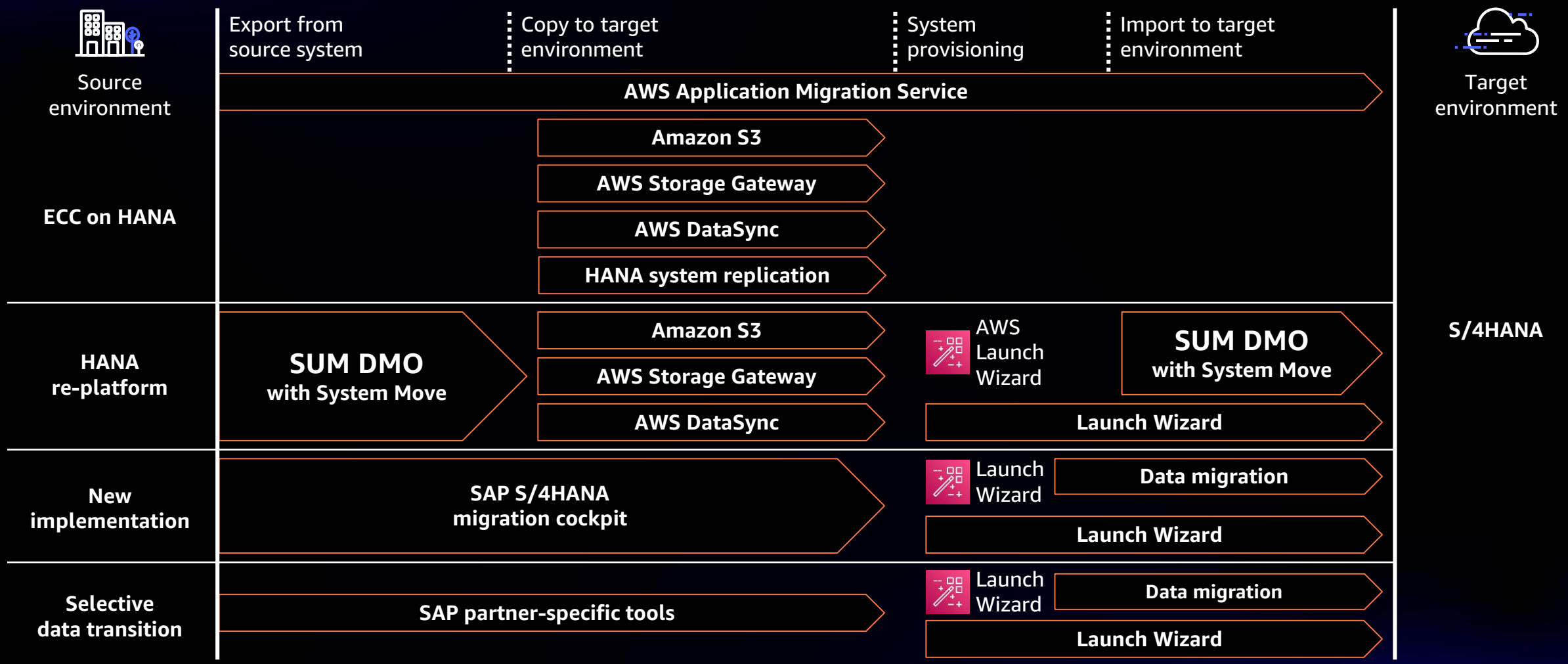
13 years of customer-obsessed innovation

A PROVEN TRACK RECORD OF **INDUSTRY FIRSTS** FOR SAP IN THE CLOUD



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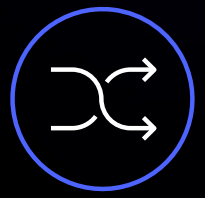
AWS accelerators for SAP migration



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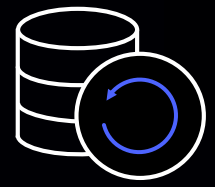
Application Migration Service: A lift-and-shift solution

A FREE, BLOCK-LEVEL MIGRATION SERVICE THAT HELPS YOU SIMPLIFY, EXPEDITE, AND REDUCE THE COST OF LIFT-AND-SHIFT MIGRATIONS



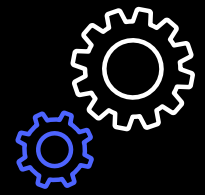
Flexible

Migrate from any source with wide support for OS, apps, and databases



Reliable

Nondisruptive, continuous replication with short cutover windows and minimal downtime



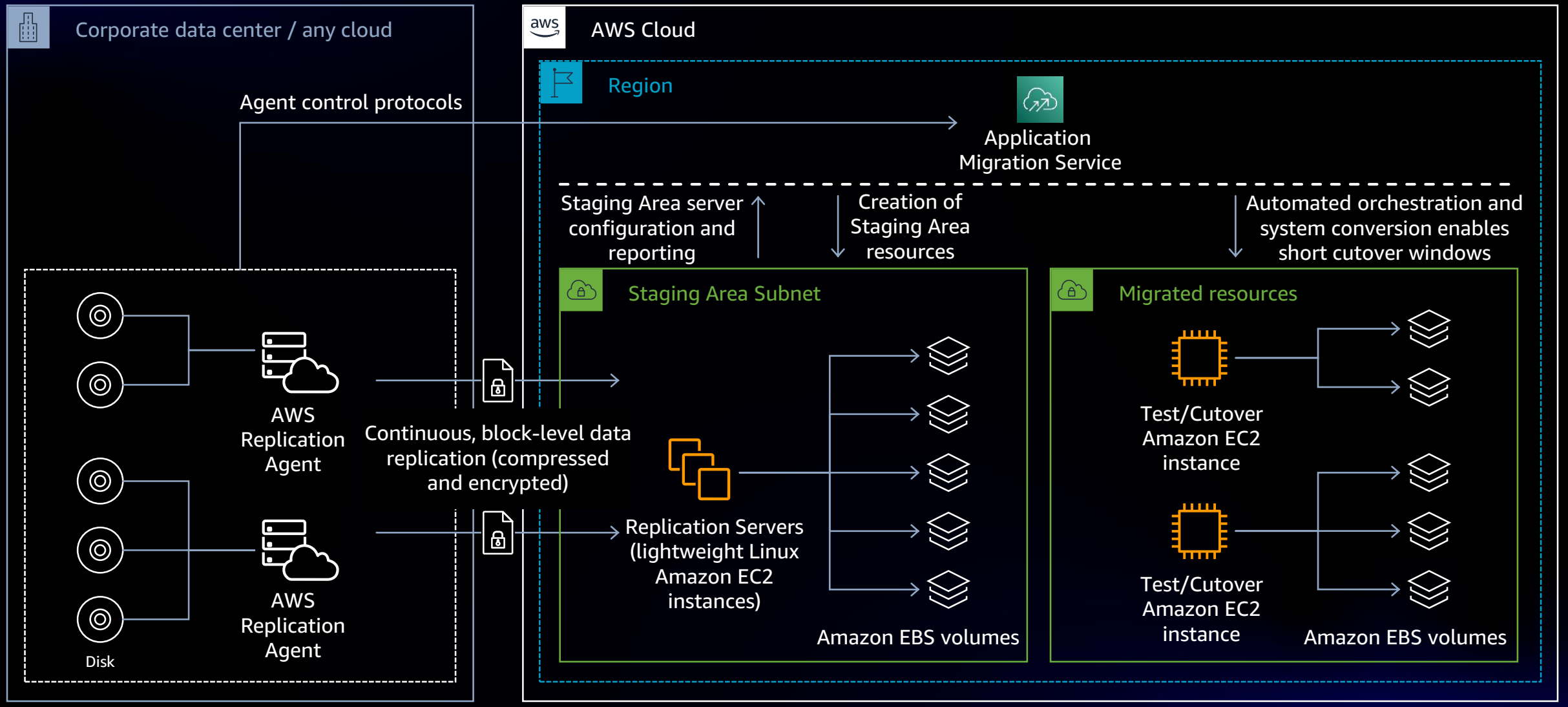
Highly automated

Minimal skill set required to operate, works with existing migration factories/COEs

aws

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How Application Migration Service works



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Workshop

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Objectives and expected outcome

Objective: In this workshop, users will learn how to do a lift-and-shift migration of an SAP NetWeaver ABAP system into AWS

Outcome: At the end of this workshop, users will have hands-on experience of migrating SAP systems into AWS using Application Migration Service and SAP HANA system replication

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Workshop high-level steps

Workshop will be preconfigured with two VPCs in AWS Regions to be used as source and target of SAP migration. Also, Amazon Machine Images (AMIs) of an installed SAP system will be shared with attendees to quickly build a source system. Users will:

1. Create an SAP system in one VPC to use as source system for migration using preconfigure AMIs
2. Configure Application Migration Service to replicate application servers from the source system to another Amazon VPC
3. Configure SAP HANA system replication for HANA database of the source system to another Amazon VPC
4. Perform cutover of application server and HANA database in the target Amazon VPC
5. Log in to the target SAP system and validate that migration is complete

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Lab setup

- Workshop instructions:

https://tinyurl.com/awsmgn

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Thank you!

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