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AWS FOR SAP

Accelerate Business Transformation with RISE with SAP on AWS

AWS Team

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NAMER - AWS

Thousands of customers across industries and geos trust AWS for SAP

HEALTHCARE & LIFE SCIENCES

ENERGY & NATURAL RESOURCES

RETAIL & CONSUMER GOODS

MEDIA & ENTERTAINMENT

PUBLIC SECTOR & DEFENSE

AUTOMOTIVE & TRANSPORTATION

MANUFACTURING & INDUSTRIAL

AGRICULTURE, CPG, & FOOD/BEV

PROFESSIONAL/ FINANCIAL SERVICES

TECHNOLOGY

The business value of migrating to AWS

Reduce costs

Up to 47%

Lower infrastructure costs

66%

Increase in IT administrator productivity

Improve security & reliability

69%

Reduction in unplanned downtime

45%

Reduction in security-related incidents

Innovate faster

43%

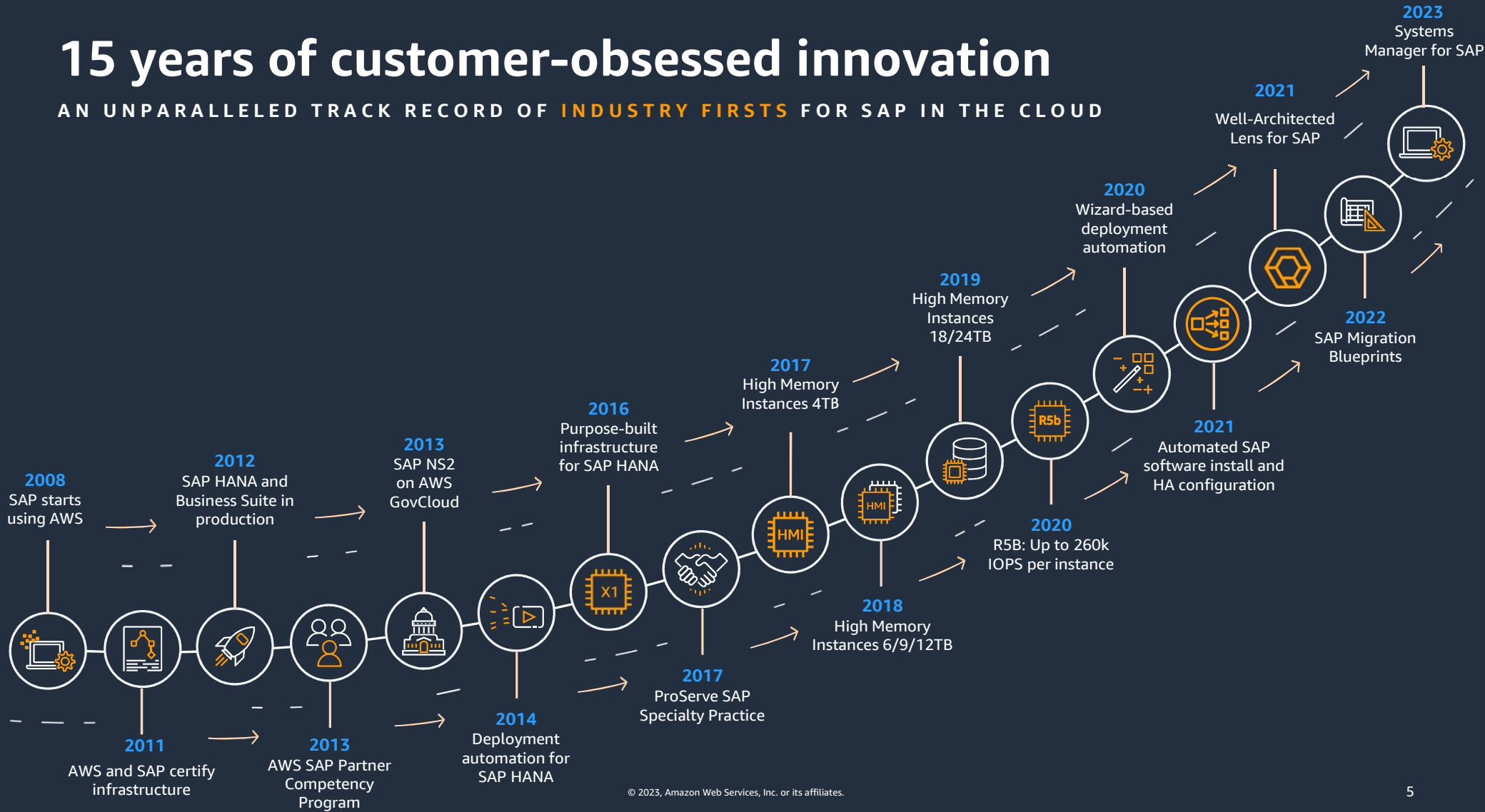Faster time to market for new features
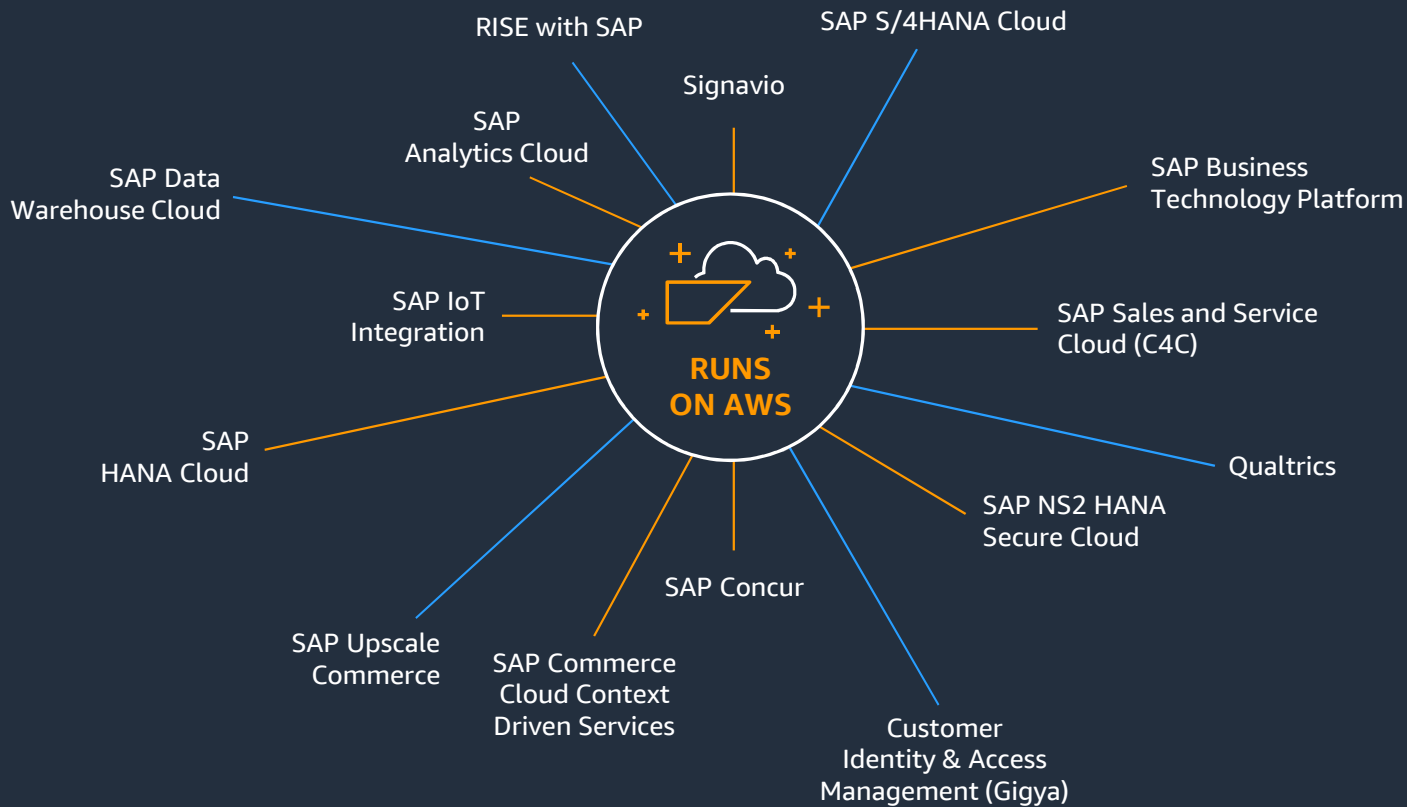
29%

Increase in staff focus on innovation

15 years of customer-obsessed innovation

AN UNPARALLELED TRACK RECORD OF INDUSTRY FIRSTS FOR SAP IN THE CLOUD

2008
SAP starts using AWS

2011
AWS and SAP certify infrastructure

2012
SAP HANA and Business Suite in production

2013
AWS SAP Partner Competency Program

2013
SAP NS2 on AWS GovCloud

2014
Deployment automation for SAP HANA

2016
Purpose-built infrastructure for SAP HANA

2017
ProServe SAP Specialty Practice

2017
High Memory Instances 4TB

2018
High Memory Instances 6/9/12TB

2019
High Memory Instances 18/24TB

2020
R5B: Up to 260k IOPS per instance

2020
Wizard-based deployment automation

2021
Automated SAP software install and HA configuration

2021
Well-Architected Lens for SAP

2022
SAP Migration Blueprints

2023
Systems Manager for SAP

SAP has trusted AWS for 15+ years

AWS HAS THE LONGEST TRACK RECORD PARTNERING WITH SAP IN THE CLOUD

RISE with SAP

SAP S/4HANA Cloud

Signavio

SAP Analytics Cloud

SAP Data Warehouse Cloud

SAP Business Technology Platform

SAP IoT Integration

RUNS ON AWS

SAP Sales and Service Cloud (C4C)

SAP HANA Cloud

Qualtrics

SAP NS2 HANA Secure Cloud

SAP Concur

SAP Upscale Commerce

SAP Commerce Cloud Context Driven Services

Customer Identity & Access Management (Gigya)

11

AWS Regions for BTP only vs 10 total from other CSP's combined[2]

24

BTP services powered only by AWS[1]

100%

New BTP Services launched on AWS in 2022 (vs 33% for next CSP)[1]

Gartner recognizes AWS as a Leader for the 12th straight year

[Magic Quadrant for Cloud Infrastructure and Platform Services](#)

We believe this report validates AWS's leadership to innovate and set standards for cloud computing. Millions of active customers every month and more than 100,000 Partners from over 150 countries choose AWS to deliver their business goals.
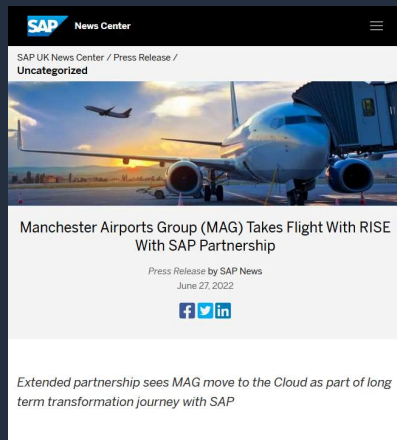
Read the full [report](#) to appreciate the details.

Figure 1: Magic Quadrant for Cloud Infrastructure and Platform Services

RISE with SAP customers choose AWS

Manchester Airports Group
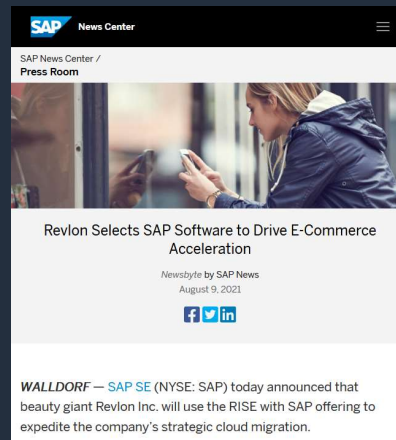

SAP UK News Center / Press Release /
Uncategorized

Manchester Airports Group (MAG) Takes Flight With RISE With SAP Partnership

Press Release by SAP News
June 27, 2022

Extended partnership sees MAG move to the Cloud as part of long term transformation journey with SAP
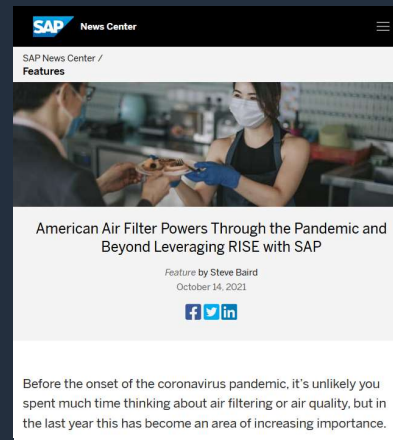
Revlon

SAP News Center /
Press Room

Revlon Selects SAP Software to Drive E-Commerce Acceleration

Newsbyte by SAP News
August 9, 2021

WALLDORF — SAP SE (NYSE: SAP) today announced that beauty giant Revlon Inc. will use the RISE with SAP offering to expedite the company's strategic cloud migration.

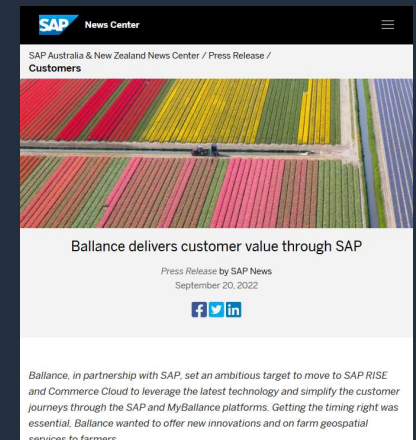## American Air Filters

SAP News Center /
Features

American Air Filter Powers Through the Pandemic and Beyond Leveraging RISE with SAP

Feature by Steve Baird
October 14, 2021

Before the onset of the coronavirus pandemic, it's unlikely you spent much time thinking about air filtering or air quality, but in the last year this has become an area of increasing importance.

Ballance

SAP Australia & New Zealand News Center / Press Release /
Customers

Ballance delivers customer value through SAP

Press Release by SAP News
September 20, 2022

Ballance, in partnership with SAP, set an ambitious target to move to SAP RISE and Commerce Cloud to leverage the latest technology and simplify the customer journeys through the SAP and MyBallance platforms. Getting the timing right was essential, Ballance wanted to offer new innovations and on farm geospatial services to farmers.

RISE with SAP customers choose AWS

Transform processes and accelerate innovation
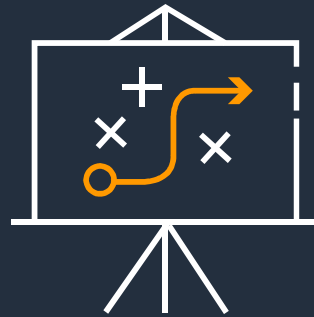
Simplify the S/4HANA journey

Modernize infrastructure

Transform Processes and Accelerate Innovation

Transformation Trends

Create new revenue sources, differentiated business models
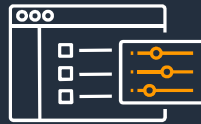
Improve intelligence with real-time monitoring and data-driven decision making

Increase productivity with process automation

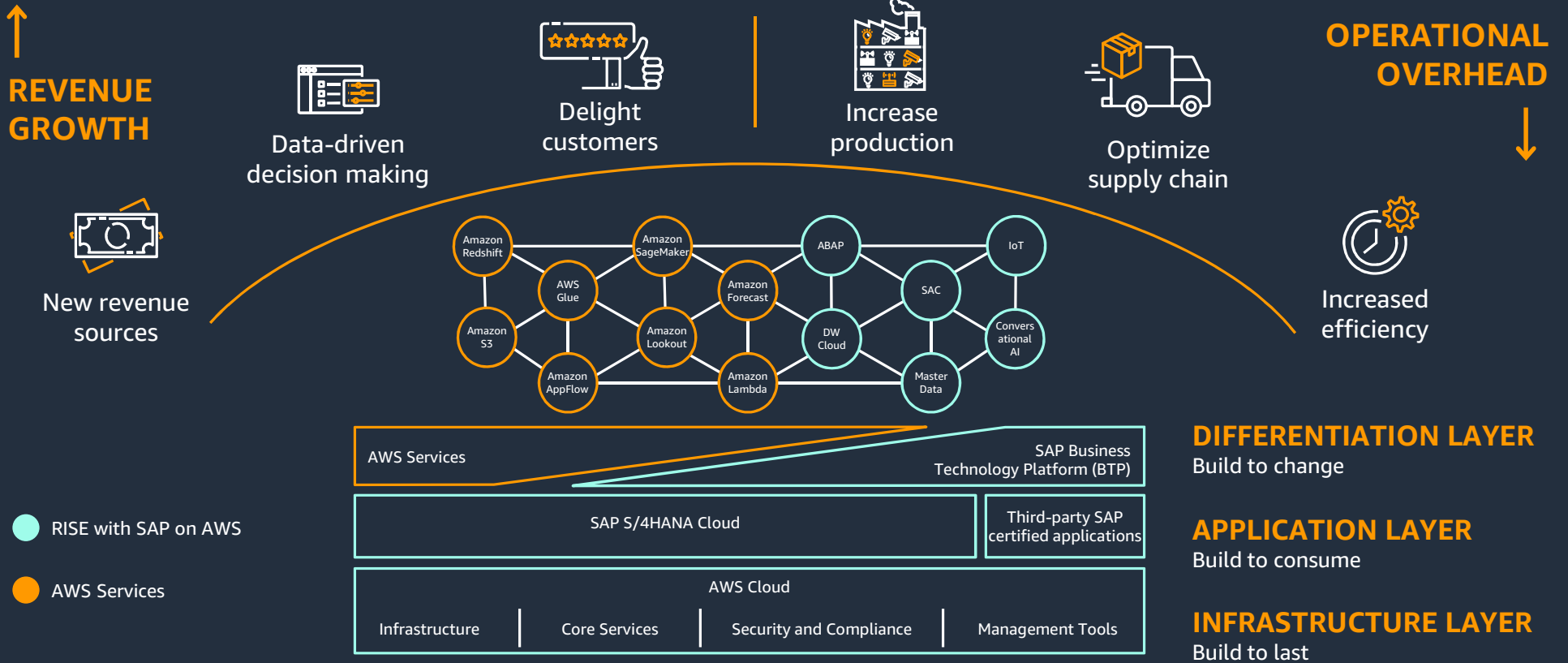Optimize supply chain and logistics, reduce inventory

Increase production, reduce defects, downtime, waste

Delight customers with personalized recommendations and support

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RISE with SAP + AWS = Innovation

BECOME AN INTELLIGENT, SUSTAINABLE ENTERPRISE

REVENUE GROWTH

Data-driven decision making

Delight customers

Increase production

Optimize supply chain

OPERATIONAL OVERHEAD

New revenue sources

Increased efficiency

Amazon Redshift
Amazon SageMaker
ABAP
IoT
AWS Glue
Amazon Forecast
SAC
Amazon S3
Amazon Lookout
DW Cloud
Conversational AI
Amazon AppFlow
Amazon Lambda
Master Data

RISE with SAP on AWS

AWS Services

AWS Services

SAP Business Technology Platform (BTP)

SAP S/4HANA Cloud

Third-party SAP certified applications

AWS Cloud

Infrastructure | Core Services | Security and Compliance | Management Tools

DIFFERENTIATION LAYER
Build to change

APPLICATION LAYER
Build to consume

INFRASTRUCTURE LAYER
Build to last

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Why SAP Critical Supporting Workloads Matter

A FUTURE-STATE ARCHITECTURE WITH RISE AND CRITICAL WORKLOAD SOLUTIONS

RISE

SAP Non RISE

3rd Party Solutions

AWS / SAP Estate
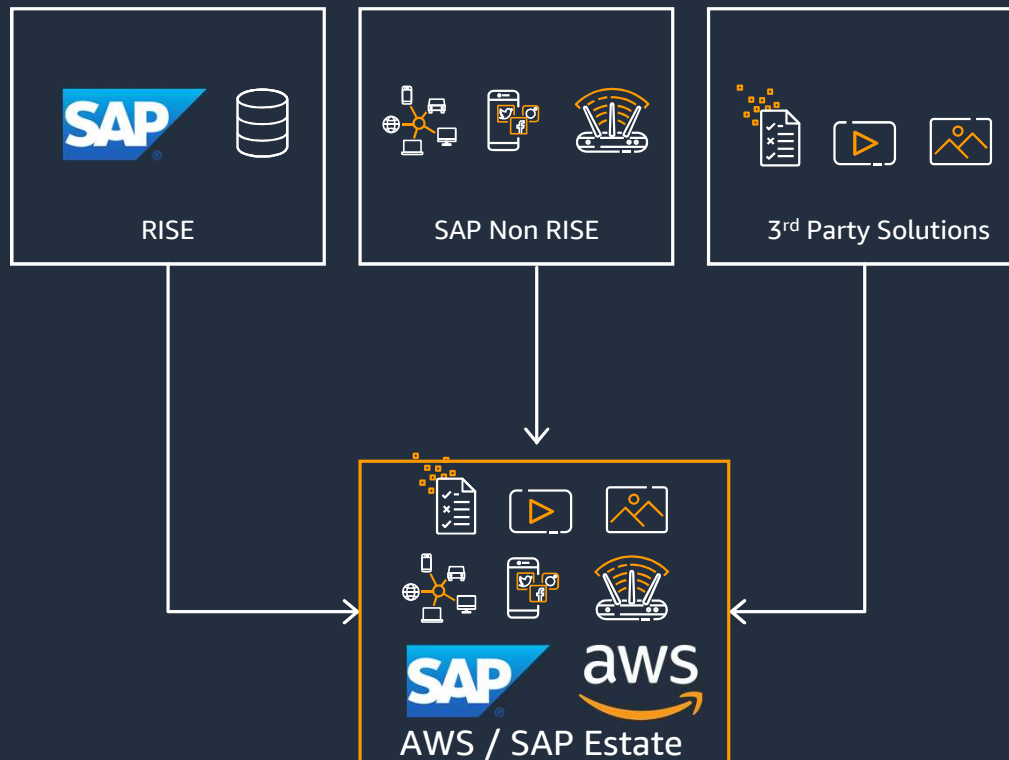
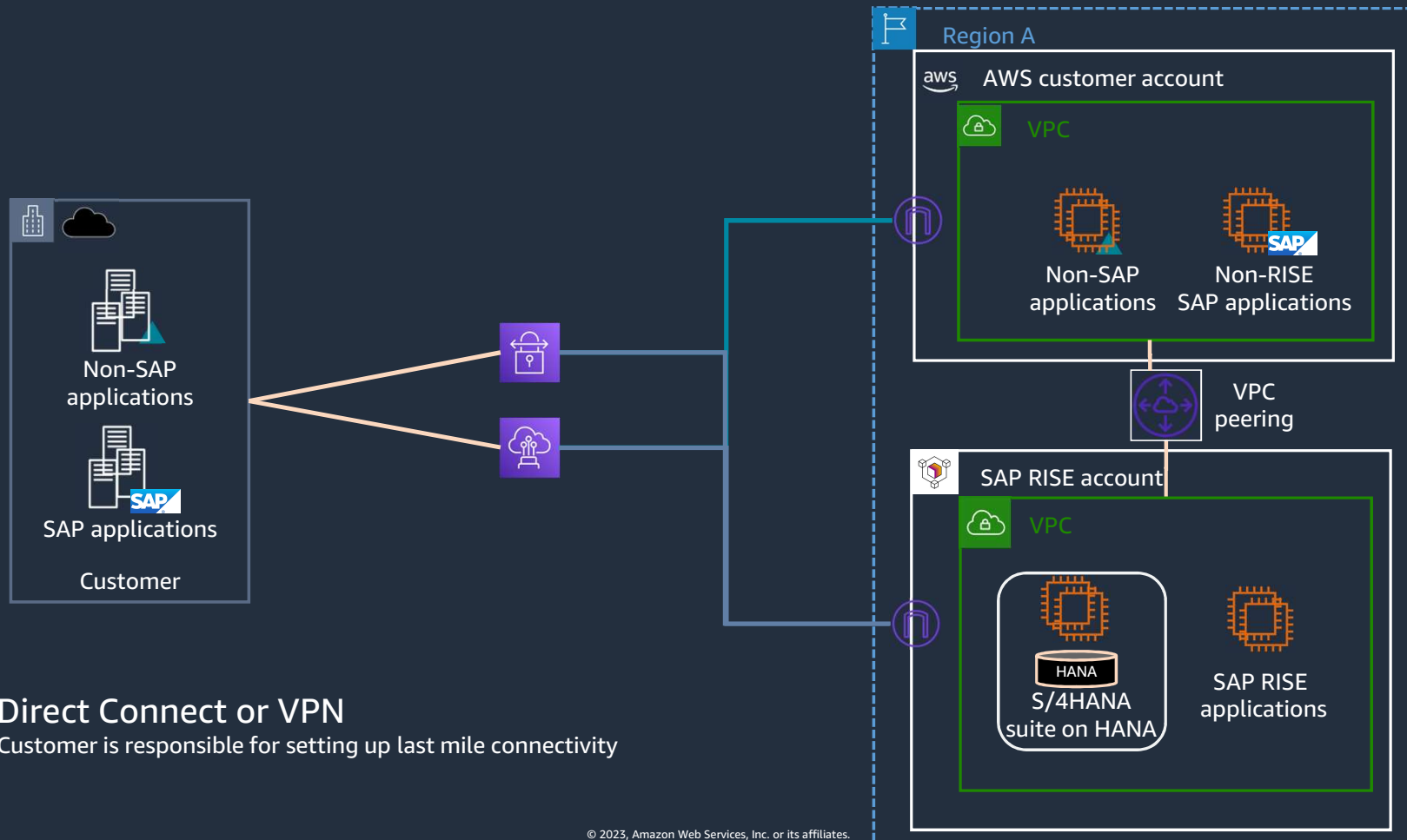Improve performance, latency, security

Simplify Operations and Reduce TCO

Support Data Center exit strategy

Plan Your Application Retirement

AWS for RISE – Reference Architecture

Direct Connect or VPN
Customer is responsible for setting up last mile connectivity

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Unbridled innovation with AWS services

200+

AWS services in analytics, IoT, AI/ML, and more drives new innovation and business value

Amazon SageMaker	Amazon Polly	Amazon Transcribe	Amazon AppFlow	AWS IoT Analytics
Amazon Forecast	AWS DeepLens	Amazon Translate	Amazon Sumerian	AWS IoT Greengrass
Amazon Rekognition	Amazon Lex	AWS Lambda	Amazon API Gateway	AWS IoT TwinMaker
Amazon Lookout for Equipment	Amazon Lookout for Vision	AWS Wavelength	Amazon Kinesis	AWS IoT Core
Amazon Personalize	Amazon Textract	Amazon Location Service	Amazon EMR	AWS Ground Station

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SAP BTP simplifies and speeds transformation on RISE with SAP on AWS

29

SAP BTP services built only on AWS[1]

aws

SAP BTP on AWS delivers real-time insights to users

8

regions where AWS offers the SAP Analytics Cloud, 4 times more than the next cloud provider[1]

Built on AWS

SAP Analytics Cloud Embedded Edition	SAP HANA Spatial	SAP Graph
Amazon S3	AWS Lake Formation	Amazon Forecast

1- November 2022 analysis of SAP Discovery Center CSP availability. Does not include SAP.
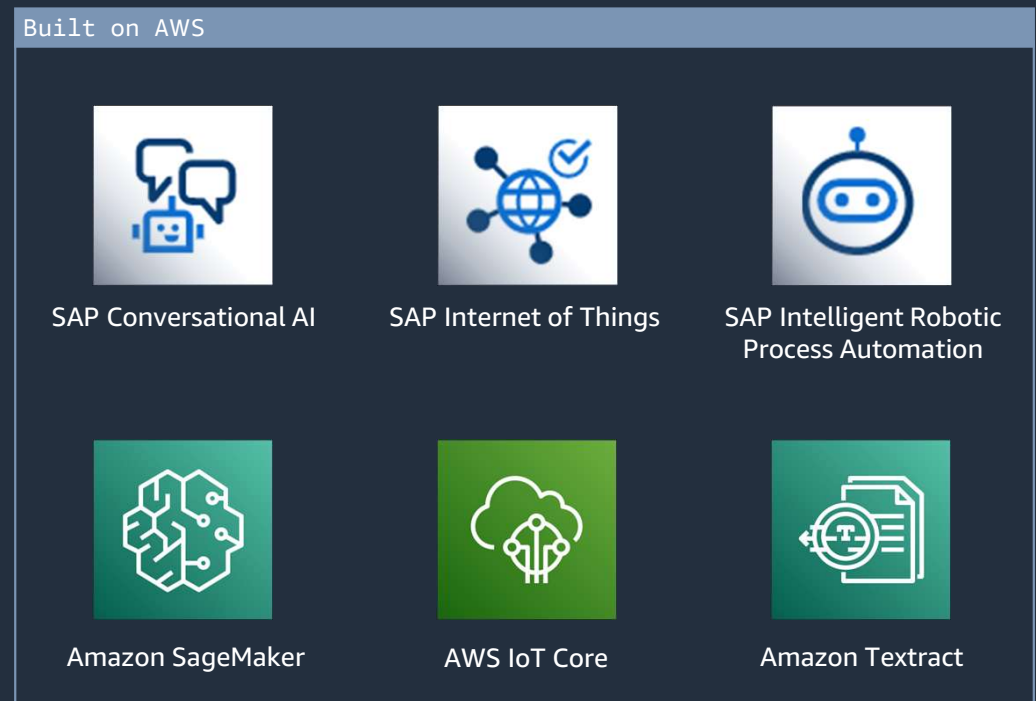
SAP BTP on AWS accelerates innovation - AI/ML, IoT, RPA

10

out of 11 SAP BTP AI/ML, IoT, and RPA services built only on AWS[1]

SAP Conversational AI

SAP Internet of Things

SAP Intelligent Robotic Process Automation

Amazon SageMaker

AWS IoT Core

Amazon Textract

1- November 2022 analysis of SAP Discovery Center CSP availability. Does not include SAP.

Simplifying the S/4HANA Journey

SAP BTP on AWS simplifies the S/4HANA journey

90%

Of SAP customers use custom code, often with ERP custom code objects in the thousands[1]

Built on AWS

SAP Master Data Service

SAP BTP ABAP Environment

SAP AppGyver

Amazon AppFlow

AWS Lambda

AWS Glue
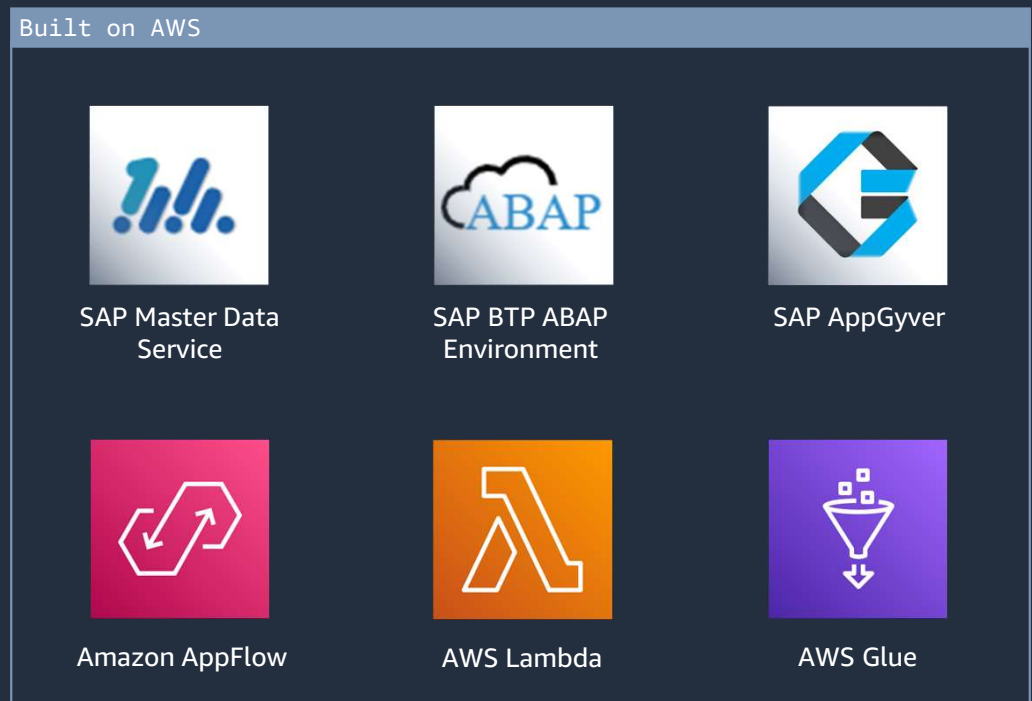
1- ASUG – Custom Code and Digital Transformations Study

Joint Reference Architecture

PROVEN ARCHITECTURE FROM SAP AND AWS
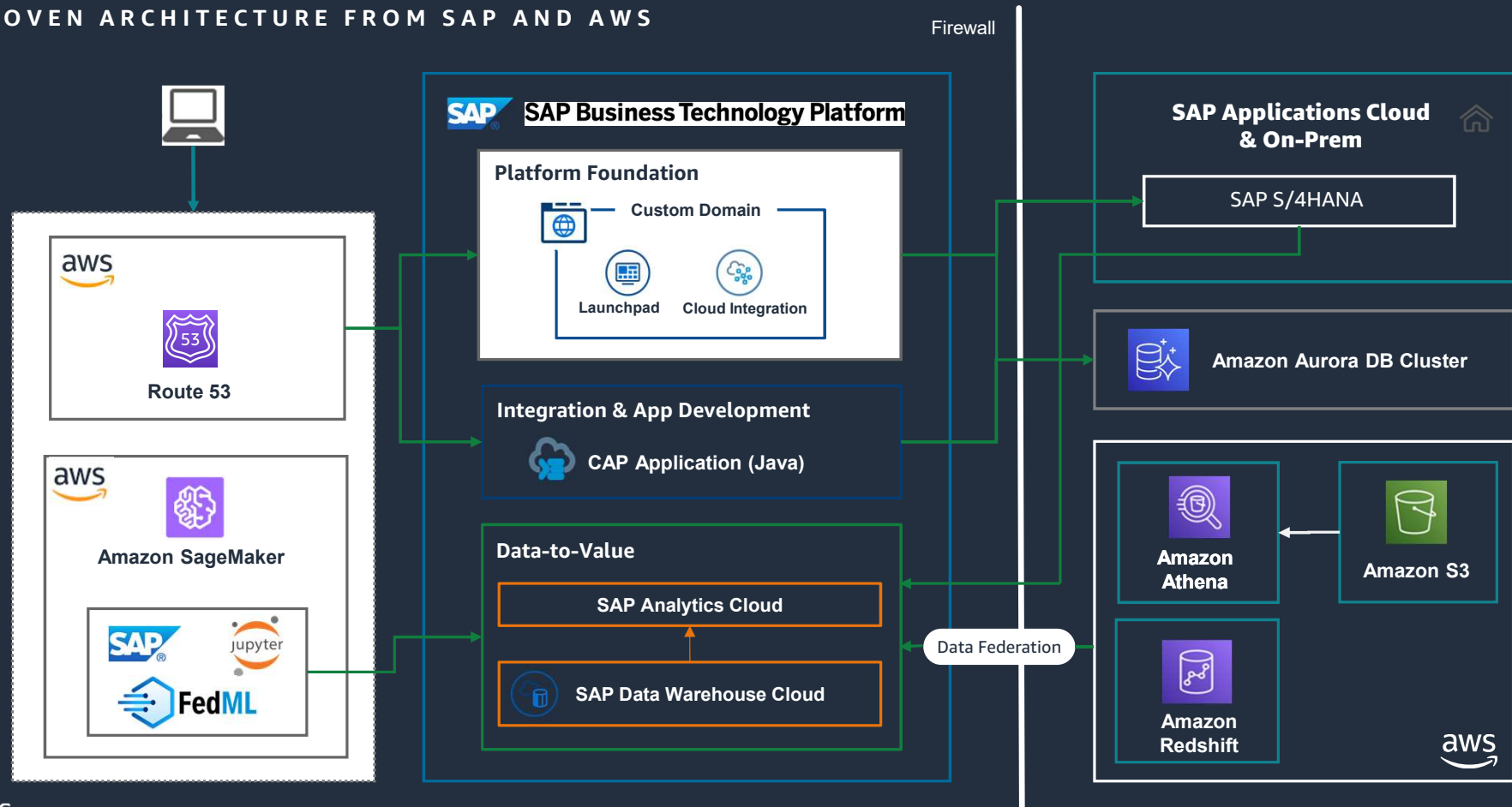
Firewall

SAP **SAP Business Technology Platform**

Platform Foundation

Custom Domain

Launchpad   Cloud Integration

Integration & App Development

CAP Application (Java)

Data-to-Value

SAP Analytics Cloud

SAP Data Warehouse Cloud

aws

Route 53

aws

Amazon SageMaker

SAP jupyter **FedML**

SAP Applications Cloud & On-Prem

SAP S/4HANA

Amazon Aurora DB Cluster

Amazon Athena

Amazon S3

Data Federation

Amazon Redshift

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Modernize Infrastructure

Uncompromising approach to infrastructure

AWS OFFERS 2X MORE REGIONS WITH MULTIPLE AZ'S THAN THE NEXT CLOSEST CLOUD PROVIDER

Region and number of AZs

○ Announced regions Australia, Canada, India, Israel, New Zealand, Spain, and Switzerland,
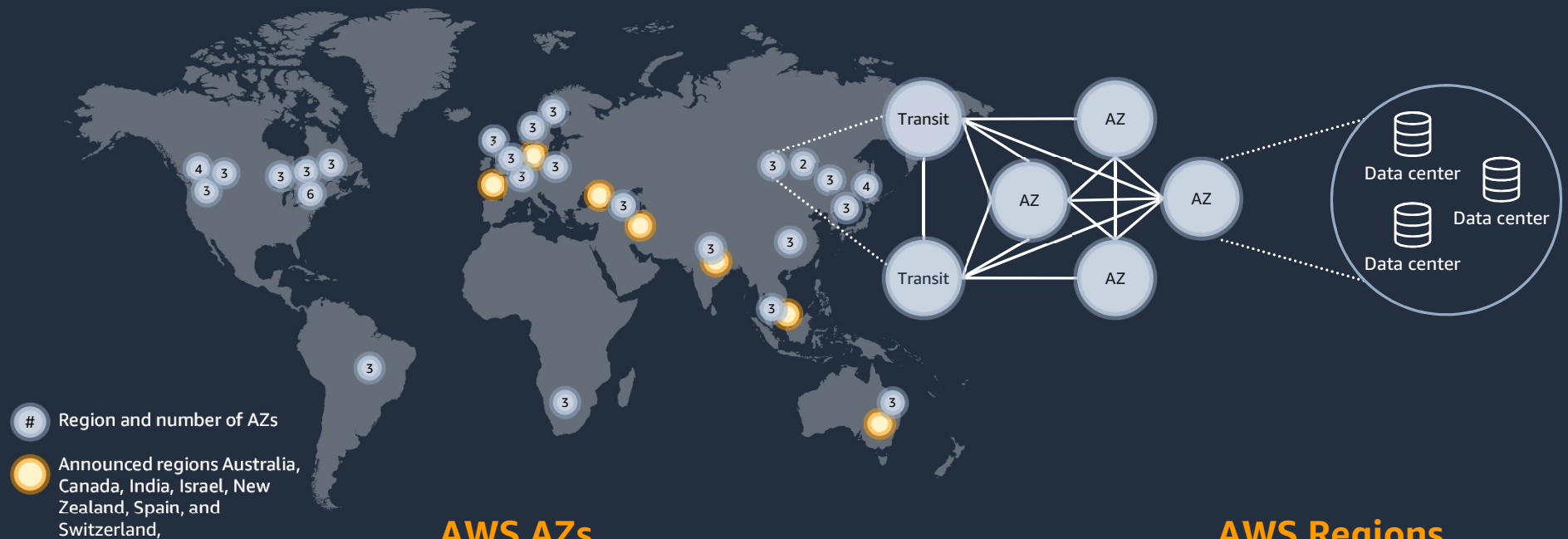
32 Regions | **102** AZs

AWS AZs

AZs consist of one or more discrete data centers, each with redundant power, networking, and connectivity, housed in separate facilities.

AWS Regions

AWS Regions are physical locations in the world where we have multiple AZs

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Reliability for mission-critical RISE with SAP workloads

0

Recovery Point Objective (RPO) for short range DR, leveraging AWS's multi-AZ architecture.

Supply chain and logistics

Manufacturing

Financial accounting and controlling

Sales and distribution

Safeguarding critical transactions

How does AWS can help you?

Comprehensive solutions to support your SAP migration and modernization journey

Built from helping thousands of customers migrate and modernize mission-critical SAP workloads since 2012

Purpose-built SAP tooling

AWS SAP Competency Partners

AWS Professional Services SAP Practice

Specialized SAP on AWS Training and Certifications

AWS Investment

Migration & Modernization Methodology

Next steps to start your journey

Work with us

Complementary discovery
workshops

Work with an AWS SAP
Competency Partner

Work with AWS
Professional Services SAP/
ERP Specialty Practice

Explore the AWS Migration
Acceleration Program

Contact

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Paul Balasubramanian – bpaulpan@amazon.com

Explore SAP on AWS

aws.amazon.com/sap

aws.amazon.com/sap/case-studies

AWS for RISE with SAP Best Practices Session

Learn the details of operating your RISE with SAP Landscape on the AWS Cloud
- Networking
- High availability
- Disaster recovery
- Connecting to non-RISE systems
- Innovation approaches for RISE

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Thank you!