



5-MINUTE WHITEPAPER

The top 10 reasons to run SAP on AWS

Migrating SAP workloads to the cloud and selecting a provider are two of the most strategic decisions today's IT leaders will make. Use this five-minute whitepaper to understand why more than 5,000 customers have chosen AWS to run their SAP landscapes.

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Choice

AWS provides the most choice and proven approaches to SAP on cloud success.



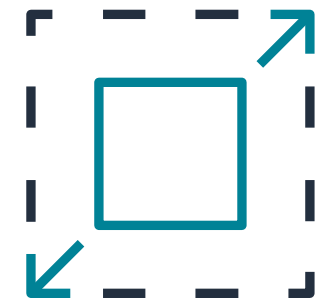
Lift-and-shift your existing SAP systems to reduce costs, eliminate technical debt, and start your modernization journey



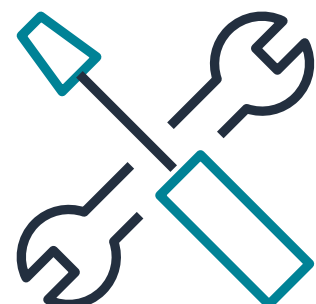
Innovate, modernize, and transform by combining your SAP investments with 200+ AWS services



Upgrade from **AnyDB to Suite on HANA** to eliminate technical debt, improve database performance, and move closer to S/4HANA



Accelerate your **S/4HANA migration** with both native AWS installation and subscription offerings like RISE with SAP



Maintain the **flexibility** to re-size your environment as your needs change with a consistent, cloud-native experience across all instances and services

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Cost

Reduce SAP total cost of ownership today and into the future with the last infrastructure upgrade you will ever have to make.



Better price performance with **AWS Nitro System** to run the most demanding workloads



Eliminate hardware refresh costs and benefit from continuous improvements to the AWS Global Infrastructure



Offset migration costs through service credits and partner support via the AWS Migration Acceleration Program (MAP) for SAP



107 price reductions since AWS launched in 2006

85% of respondents reported moderate or significant cost savings running SAP on AWS¹

Customers who bring SAP ECC to AWS see a **3-year ROI of 103%** and a net present value of \$4.3M²

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Innovation

Use AWS as your platform of innovation to modernize business processes, build new products, and re-imagine your customer experience.



200+ AWS services including offerings for IoT, data lakes, AI/ML, image recognition, chatbots, and more



Over 90% of new features and services are built based directly from customer feedback



A growing selection of AWS-native offerings for SAP innovation from partners like Accenture, Deloitte, Linde, and more



Use the same tools as Amazon.com to improve your customer experience and supply chain processes

“We have increased the value of our SAP systems by integrating SAP with AWS technologies because we can steer the business in near real-time.”

Yuriy Volosenko

Director for Enterprise Applications and Architectures, Zalando

on using 36+ AWS services with SAP S/4HANA to improve their customer experience

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Infrastructure

Protect yourself from disruption to mission-critical business processes with the unmatched reliability and flexibility of the AWS Global Infrastructure.

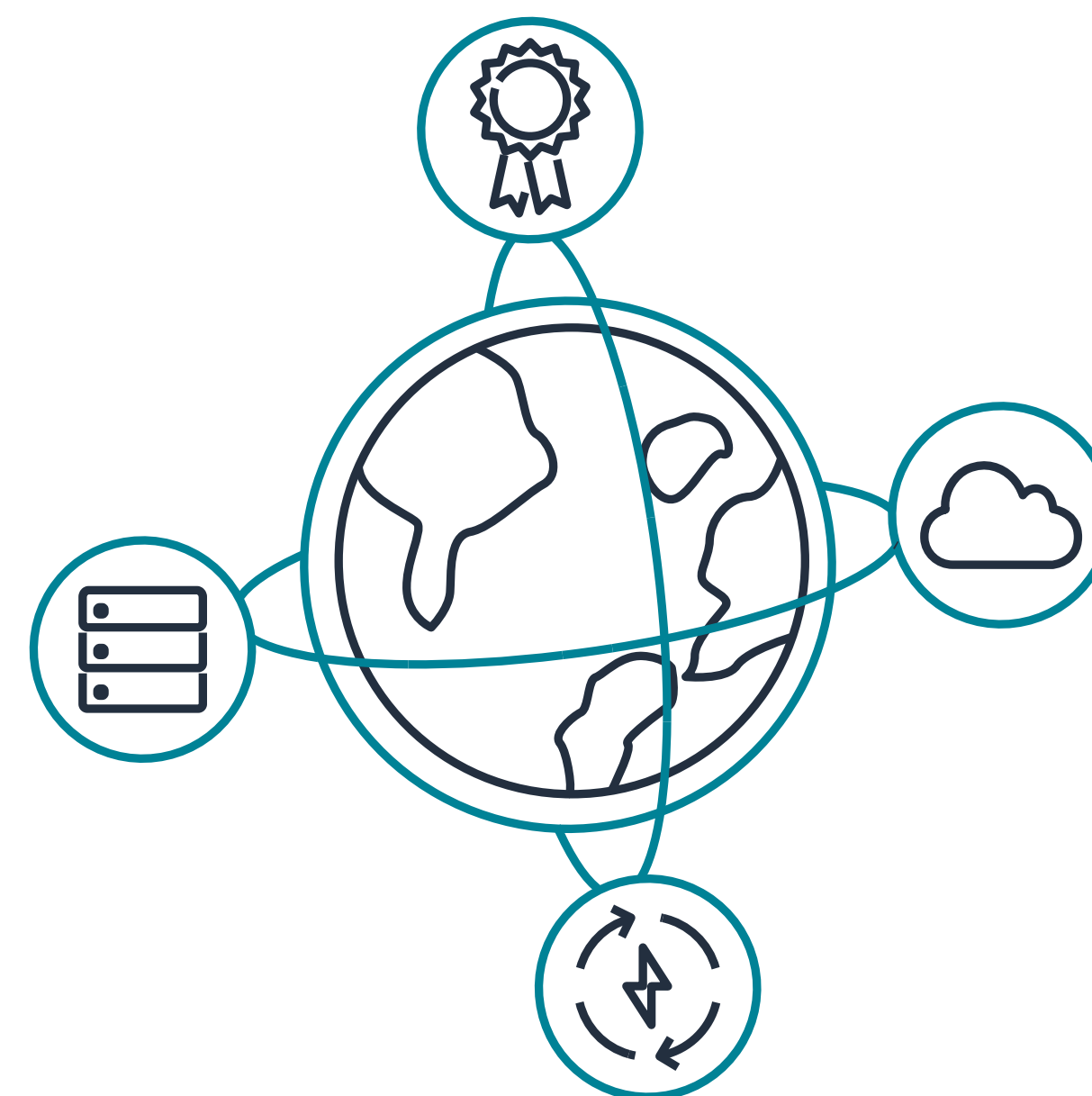
AWS Global Infrastructure consists of...

26 Regions

84 Availability Zones

2x more Regions with multiple AZ's than the next largest cloud provider*

...with plans to launch 24 more Availability Zones and 8 more AWS regions globally as of Q1 2022.



11 years in a row as Gartner Magic Quadrant Cloud Infrastructure & Platform Services leader³

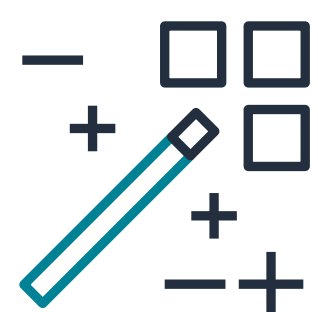
*AWS Regions provide multiple, physically separated and isolated Availability Zones which are connected with low latency, high throughput, and highly redundant networking. Unlike other cloud providers, AWS has at least two Availability Zones in every Region, giving customers more flexibility and choice in how they architect for high availability and disaster recovery.

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Automation

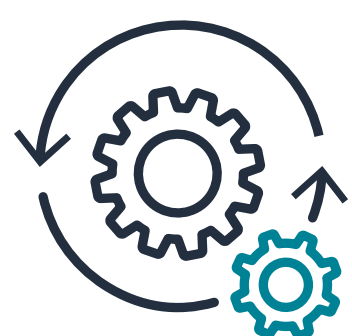
Automate deployment and operations to deliver consistent results and free up resources to focus on value-adding activities.



Deploy production-ready SAP landscapes in <2 hours with **AWS Launch Wizard**



Simplify and accelerate HANA backups to Amazon S3 with **AWS Backint Agent**



Identify and resolve issues with HANA databases faster using **Amazon CloudWatch Application Insights**



Take advantage of **AWS Professional Services** offerings for SAP including Auto Scaling, Auto Start/Stop, Serverless System Monitoring, and more

“With AWS Launch Wizard, everything is automated. That means I no longer need to install and configure everything on my own when it comes to a new SAP environment. AWS Launch Wizard is incredibly easy to use.”

Guillaume Yvon

Enterprise Architect, Storengy

on using AWS Launch Wizard to automate SAP S/4HANA deployment

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Performance

Improve SAP application performance with the largest selection of cloud-native, SAP certified instances from 256GB to 24TB.

48TB

Scale out to 48TB for SAP S/4HANA and 100TB for SAP BW/4HANA

10-30%

More SAPS per \$ with the AWS Nitro System⁴

260,000 IOPS

Run up to 260,000 IOPS in a single EC2 Instance with consistency

“Our performance of SAP on AWS is off the scale. We reduced our monthly billing cycle from four days to one day and have significantly reduced our overall annual IT costs.”

Carlos Galiano

Chief Information Officer, Seaco

on using AWS’s cloud-based solutions to replace Seaco's traditional on-premises data center facilities

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Security

Strengthen your security posture with comprehensive, industry-leading security and compliance controls.



90+ security standards and compliance certifications



The **only** cloud vetted and accepted as secure enough for top-secret workloads, with over 40 services authorized at DoD Impact Level 6



All **117** AWS services that store customer data offer the ability to encrypt that data



AWS operates two SAP NS2 Regions for customers in government and regulated industries

“As an aerospace and defense firm, security is absolutely essential. That’s why we chose AWS GovCloud. We then built the foundational and security blueprints on top of it all.”

Jeff Wright

Cloud Services Sr. Manager,
Lockheed Martin

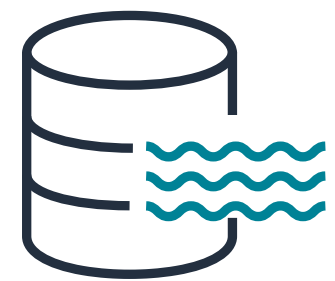
on moving their SAP Suite on
HANA system to AWS

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Analytics

Uncover deeper insights from your SAP data to improve operational efficiency and innovate faster.



Combine SAP data with non-SAP data and apply analytics within an enterprise data lake



Drive new insights with the broadest and deepest portfolio of purpose-built analytics, AI, and machine learning services



89% of the world's deep learning runs on AWS, and more than 100,000 customers use AWS to accelerate their machine learning journey

"We're now able to analyze automated visual inspection data and use artificial intelligence to identify opportunities to produce even higher-yield fibers. It wouldn't be remotely possible to do this if all our data was still siloed at each plant site."

Elizabeth Gonzalez

Analytics leader at Koch Industries/INVISTA

on using SAP ECC with AWS analytics services

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Partner Community

Gain the experience, tooling, methods, and best practices of the largest SAP cloud partner community to streamline your migration or transformation.

60+

Partners have been vetted to demonstrate SAP customer success through the AWS SAP Competency Program

8,000+

AWS Marketplace software listings from more than 1,600 vendors on AWS Marketplace

91%

of new SAP on AWS customers are also working with AWS Partners

"Working remotely was new to all of us. Yet we managed to build a platform of 130-plus virtual machines and migrate 15 SAP applications and around 35 terabytes of data in just 10 weeks without disruption to the organization. It shows how flexible Capgemini and AWS were around the project and committed from the start to delivering a successful outcome. We established a high level of trust."

Darren Miles

Chief Information Officer, Centrica

on working with AWS SAP Partner Capgemini to migrate S/4HANA to AWS

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Experience

Safeguard your migration and transformation success by running on the cloud SAP has trusted since 2008 and that 5,000+ active SAP customers trust today.

The first cloud provider to...

- ✓ Support SAP as a customer
- ✓ Certify infrastructure for SAP
- ✓ Purpose-build infrastructure for SAP
- ✓ Host an SAP SaaS product
- ✓ Automate SAP on cloud deployment
- ✓ Build dedicated partner and professional services programs for SAP

SAP's cloud platform of choice

for running Concur, RISE with SAP, SAP Business Technology Platform, Qualtrics, and more

5,000+

active SAP customers, over half of which have deployed SAP HANA or HANA-based solutions on AWS



ISG Provider Lens™ Quadrant Report for SAP HANA Infrastructure Services leader 4 years in a row⁵

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Start your enterprise modernization journey with SAP on AWS

Across nearly every industry and geographic region, SAP customers are choosing AWS to future-proof their businesses and get more value out of their SAP investments. Whether you're looking to lift-and-shift to reduce costs, innovate around your core lines of business by extending to AWS services, or migrate to SAP S/4HANA, AWS remains the platform of choice and innovation for SAP customers.

[Learn more about SAP on AWS](#)

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1. According to a commissioned 2020 study conducted by IDC on behalf of AWS. [Read the White Paper.](#)
 2. According to a commissioned 2021 study conducted by Forrester Consulting on behalf of AWS. [Read the Report.](#)
 3. [View Gartner Report.](#)
 4. Documented in [SAP Note 1656099.](#)
 5. [View ISG Report.](#)