

AWS Certified SAP on AWS PAS-C01 Exam Prep

AWS PAS-C01 SAP on AWS. SAP architecture, migration strategies, and operational best practices.

IT Certifications Instructor: Brian Taylor • 5 sections • 49 lessons • 14.50h total

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About this course

This course prepares you for the AWS Certified SAP on AWS (PAS-C01) exam. We cover SAP architecture on AWS, migration strategies, and operational best practices.

You will work through hands-on labs, real SAP deployment scenarios, and practice exams. The course includes video lessons and downloadable resources.

Course curriculum

Foundations and Exam Overview

- **Understanding the PAS-C01 Exam Structure (12m)**
Learn the exam domains, question formats, and scoring to build a solid preparation strategy from day one.
- **Key AWS Services for SAP Workloads (18m)**
Get a clear overview of essential AWS services like EC2, RDS, S3, and VPC that are critical for SAP on AWS.
- **Setting Up Your AWS Practice Environment (8m)**
Step-by-step guide to create a safe, cost-effective AWS account for hands-on practice and exam simulations.
- **SAP Architecture Fundamentals on AWS (15m)**
Understand the core SAP components and how they map to AWS infrastructure for a strong foundation.
- **Reviewing Exam Blueprint and Weighted Domains (10m)**
Analyze the official exam blueprint to prioritize your study time on high-weight areas like design and migration.
- **Building Your Study Plan and Timeline (7m)**
Create a realistic study schedule that balances theory, hands-on labs, and practice exams for optimal retention.
- **Common Pitfalls and How to Avoid Them (9m)**
Learn about common mistakes candidates make and practical tips to stay on track and avoid exam day surprises.
- **Introduction to SAP on AWS Best Practices (11m)**
Get a high-level view of the best practices that will be referenced throughout the course and exam.

Core Concepts: Design and Deployment

- **Designing High-Availability SAP Landscapes (22m)**
Learn how to architect SAP systems for maximum uptime using AWS Multi-AZ and multi-region strategies.
- **SAP HANA Deployment on AWS EC2 (28m)**
Step-by-step guide to choosing instance types, storage, and networking for optimal SAP HANA performance.
- **Networking for SAP on AWS: VPC and Subnets (19m)**
Understand how to design secure, scalable VPCs and subnets that meet SAP security and performance needs.
- **Storage Solutions for SAP Workloads (24m)**
Compare EBS, EFS, and S3 for different SAP components and learn how to configure them for cost and performance.

- **Security and Compliance for SAP on AWS (26m)**
Implement IAM roles, security groups, and encryption to protect your SAP environment and meet compliance requirements.
- **SAP Application Server Deployment Strategies (17m)**
Learn how to deploy and scale SAP application servers using AWS services for flexibility and resilience.
- **Database Tier: SAP HANA and RDS Options (25m)**
Explore RDS for SAP HANA, EC2-based HANA, and hybrid approaches with real-world trade-offs.
- **Backup and Recovery with AWS Native Tools (20m)**
Design backup strategies using AWS Backup, snapshots, and SAP tools to ensure business continuity.
- **Cost Optimization for SAP on AWS (16m)**
Apply cost-saving techniques like Reserved Instances, Savings Plans, and right-sizing to manage your SAP budget.
- **Performance Tuning Fundamentals (21m)**
Identify key metrics and tools to monitor and tune SAP performance on AWS infrastructure.

Deep Dive: Migration and Operations

- **Planning Your SAP Migration to AWS (23m)**
Use a structured approach to assess, plan, and execute a successful SAP migration with minimal downtime.
- **AWS Migration Hub and Database Migration Service (15m)**
Learn how to use AWS DMS and Migration Hub to migrate SAP databases and applications efficiently.
- **SAPinst and AWS Launch Wizard for Deployment (18m)**
Get hands-on with automated deployment tools to install SAP systems quickly and consistently.
- **Managing SAP on AWS with AWS Systems Manager (20m)**
Automate patching, configuration, and compliance checks for your SAP fleet using AWS Systems Manager.
- **Monitoring and Logging with CloudWatch (14m)**
Set up CloudWatch alarms, dashboards, and logs to proactively monitor SAP health and troubleshoot issues.
- **Disaster Recovery Strategies for SAP (27m)**
Design and test a robust DR plan using AWS services like RTO, RPO, and failover mechanisms.
- **SAP Solution Manager Integration (12m)**
Understand how to integrate AWS monitoring with SAP Solution Manager for end-to-end visibility.
- **Real Case Study: Migrating a Large SAP ECC System (32m)**
Analyze a detailed case study of a complex SAP migration, including challenges and solutions.

Advanced Application: Security and Optimization

- **Advanced Network Security for SAP (25m)**
Implement advanced VPC features like Transit Gateway, PrivateLink, and Network Firewall for SAP.
- **IAM Roles and Policies for SAP Services (19m)**
Craft granular IAM policies that follow the principle of least privilege for SAP administrators.

- **Encryption at Rest and in Transit for SAP (22m)**
Configure AWS KMS, SSL/TLS, and database encryption to protect sensitive SAP data.
- **SAP on AWS with Hybrid Connectivity (17m)**
Design secure connections between on-premises SAP systems and AWS using Direct Connect and VPN.
- **Automating SAP Operations with AWS Lambda (20m)**
Build serverless functions to automate routine SAP tasks like backups, scaling, and alerts.
- **SAP S/4HANA on AWS: Special Considerations (24m)**
Explore the unique requirements and best practices for deploying SAP S/4HANA on AWS.
- **Cost and Performance Optimization Deep Dive (28m)**
Advanced techniques for right-sizing, using Graviton instances, and optimizing storage for SAP.
- **Troubleshooting Common SAP on AWS Issues (16m)**
Learn a systematic approach to diagnose and resolve performance, connectivity, and deployment issues.
- **SAP on AWS with Other AWS Services (13m)**
Integrate SAP with AWS AI/ML, analytics, and serverless services for extended capabilities.
- **Problem-Solving Session: Exam Scenario Walkthrough (30m)**
Work through complex exam-style scenarios to apply your knowledge and identify knowledge gaps.

Implementation & Next Steps

- **Full Practice Exam with Detailed Review (35m)**
Take a simulated PAS-C01 exam and review every question to understand the correct answers and reasoning.
- **Creating Your Personal Exam Cheat Sheet (11m)**
Build a concise reference guide with key formulas, commands, and best practices for last-minute review.
- **Time Management Strategies for the Exam (9m)**
Learn techniques to pace yourself, flag questions, and manage time effectively during the 180-minute exam.
- **Final Review: Key Concepts and Services (14m)**
Consolidate your learning with a high-level review of the most critical exam topics and services.
- **Hands-On Lab: Deploy a Sample SAP System (40m)**
Apply everything you've learned by deploying a complete, functional SAP environment in your AWS account.
- **Post-Exam: Maintaining Your Certification (8m)**
Understand the recertification process and how to stay current with AWS and SAP updates.
- **Career Pathways for SAP on AWS Professionals (10m)**
Explore job roles, salary trends, and how to leverage your new certification for career advancement.
- **Downloading Templates and Resources (6m)**
Access downloadable templates for architecture diagrams, checklists, and study planners.
- **Next Steps: Building Your SAP on AWS Portfolio (12m)**
Get actionable advice on creating projects and case studies to showcase your skills to employers.

- **Community and Continued Learning Resources (7m)**

Find the best forums, blogs, and AWS events to continue your learning journey after the course.

- **Course Wrap-Up and Exam Day Checklist (5m)**

A final checklist to ensure you're fully prepared and confident for your PAS-C01 exam day.

- **Bonus: How to Schedule and Take the Exam (8m)**

Step-by-step guide to registering for the exam, choosing a test center, and what to expect on the day.

- **Q&A: Common Questions from Students (15m)**

A compilation of frequently asked questions and answers to clarify any remaining doubts.

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