

AWS Certification Study Methods and Platform Testing

AWS certification study methods and platform testing strategies for exam success.

IT Certifications Instructor: Brian Taylor • 5 sections • 48 lessons • 12.25h total

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About this course

This course explores AWS certification study methods and platform testing approaches. It covers how to structure your study plan, evaluate practice test platforms, and identify the most effective resources for AWS exam preparation.

Course curriculum

Section 1: Foundations and Planning

- **How to Map Your AWS Certification Goals (12m)**
Learn a step-by-step framework to define which AWS certification fits your career and set realistic study targets.
- **Setting Up Your AWS Study Schedule (8m)**
Create a practical, weekly study plan using a downloadable template to balance theory and hands-on practice.
- **Understanding the AWS Exam Blueprint (15m)**
Break down the key exam domains and weightings so you know exactly where to focus your study efforts.
- **Budgeting Your AWS Credits for Practice (10m)**
Learn how to strategically use AWS Free Tier and credits to cover essential hands-on labs without extra cost.
- **Choosing Your Primary Study Resources (11m)**
Compare popular AWS study guides, video courses, and documentation to build your core learning toolkit.
- **Building a Support System for Your AWS Journey (9m)**
Find and engage with study groups, forums, and mentors to stay motivated and get help when stuck.
- **Avoiding Common AWS Study Pitfalls (14m)**
Real case study analysis on mistakes candidates make and how to sidestep them from day one.
- **Your First AWS Hands-On Lab Setup (13m)**
Step-by-step guide to configuring your AWS account for safe, cost-effective testing and experimentation.

Section 2: Core Concepts and Important Areas

- **AWS Compute Services for Exams (18m)**
Deep dive into EC2, Lambda, and ECS with practical scenarios you'll likely encounter on the test.
- **Networking Essentials: VPC and Security Groups (20m)**
Learn to design secure VPC architectures with real-world case studies from AWS documentation.
- **Storage Solutions: S3, EBS, and EFS Comparison (16m)**
Problem-solving session on choosing the right storage type for different use cases and exam questions.
- **Database Services: RDS vs. DynamoDB Deep Dive (22m)**
Hands-on walkthrough of setting up and comparing relational vs. non-relational databases in AWS.
- **Identity and Access Management (IAM) Best Practices (17m)**
Step-by-step guide to configuring IAM policies and roles, with downloadable cheat sheet for quick review.
- **Monitoring and Logging with CloudWatch (12m)**
Learn to set up CloudWatch alarms and dashboards to troubleshoot common exam scenarios.

- **Cost Management Tools and Strategies (15m)**
Practical tips on using AWS Cost Explorer and Budgets to keep your practice costs under control.
- **Security Best Practices for AWS Certifications (19m)**
Real case study analysis of security breaches and how to apply AWS security services to prevent them.
- **High Availability and Disaster Recovery Concepts (21m)**
Design fault-tolerant systems using multi-AZ deployments and backup strategies for exam readiness.

Section 3: Platform Testing and Practical Application

- **How to Set Up Effective AWS Practice Labs (14m)**
Step-by-step guide to creating lab environments that mirror real exam scenarios without breaking the bank.
- **Using AWS CloudFormation for Repeatable Testing (23m)**
Learn to automate lab setups with templates, saving time and ensuring consistent practice environments.
- **Testing Serverless Applications on AWS (18m)**
Hands-on walkthrough of building and testing Lambda functions with API Gateway for exam prep.
- **Simulating Network Scenarios for Exams (16m)**
Problem-solving session on configuring VPC peering, VPNs, and Direct Connect in a test environment.
- **Performance Testing with AWS Tools (20m)**
Learn to use CloudWatch and X-Ray to identify bottlenecks in your practice architectures.
- **Security Testing in Your AWS Labs (17m)**
Real case study analysis on penetration testing techniques using AWS security services legally and safely.
- **Cost Testing: Avoiding Surprises in Practice (11m)**
Step-by-step guide to monitoring and alerting on lab costs using AWS Budgets and Cost Explorer.
- **Troubleshooting Common Lab Issues (15m)**
Learn quick fixes for permission errors, service limits, and connectivity problems in AWS labs.

Section 4: Advanced Study Techniques and Resource Optimization

- **Creating a Personalized AWS Question Bank (12m)**
Learn to curate and organize practice questions from various sources for targeted study sessions.
- **Using Flashcards and Spaced Repetition for AWS (9m)**
Step-by-step guide to building digital flashcards for key services and concepts, with app recommendations.
- **Analyzing Your Practice Test Results (14m)**
Problem-solving session on interpreting score reports to identify weak areas and adjust your study plan.
- **Time Management During the AWS Exam (11m)**
Real case study analysis of exam pacing strategies from successful candidates to avoid running out of time.

- **Advanced Hands-On Labs with Multi-Service Integration (25m)**
Build a complex architecture combining compute, storage, and networking for deep practical understanding.
- **Using AWS Workshops for Structured Learning (13m)**
Discover and navigate AWS official workshops to supplement your study with guided exercises.
- **Leveraging AWS Whitepapers for Exam Insights (18m)**
Learn which whitepapers are most relevant and how to extract key concepts for exam questions.
- **Building a Study Group for Collaborative Learning (10m)**
Step-by-step guide to organizing and running effective study sessions with peers online.
- **Managing Study Burnout and Staying Motivated (16m)**
Practical tips and real stories from professionals on maintaining momentum during long study periods.
- **Updating Your Study Plan as You Progress (8m)**
Learn to dynamically adjust your schedule and resources based on practice test performance.

Section 5: Implementation and Next Steps

- **Final Review Strategy Before the Exam (15m)**
Step-by-step guide to a focused, two-week review plan using your notes and practice tests.
- **Booking Your AWS Exam and Test Day Prep (10m)**
Learn the logistics of scheduling, what to expect at the test center, and how to prepare your mind.
- **Post-Exam Analysis: What to Do After Passing (12m)**
Real case study analysis on leveraging your certification for career advancement and next learning steps.
- **Maintaining Your AWS Skills Post-Certification (14m)**
Strategies for continuous learning using AWS re:Invent, blogs, and community events to stay current.
- **Preparing for Advanced AWS Certifications (18m)**
Problem-solving session on choosing your next certification path and building on your foundational knowledge.
- **Building a Portfolio with AWS Projects (20m)**
Step-by-step guide to creating tangible projects that demonstrate your skills to employers.
- **Networking with AWS Professionals (11m)**
Learn how to use LinkedIn and AWS events to connect with experts and find job opportunities.
- **Contributing to the AWS Community (9m)**
Practical tips on writing blog posts, answering forum questions, and speaking at meetups.
- **Setting Up a Long-Term AWS Learning Plan (13m)**
Downloadable template for a yearly learning plan to keep your AWS skills sharp and relevant.
- **Troubleshooting Real-World AWS Issues (24m)**
Advanced problem-solving session with complex scenarios from cloud architecture case studies.
- **Automating Your AWS Study and Practice (17m)**
Learn to use scripts and CI/CD pipelines to automate lab setups and testing for efficiency.
- **Career Pathways After AWS Certification (15m)**
Real case study analysis of job roles, salary expectations, and how to position yourself in the market.

- **Final Project: Build and Document a Cloud Solution (32m)**

Capstone step-by-step guide to designing, implementing, and documenting a multi-service AWS project.

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