AWS Ramp-Up Guide: Game Tech

For architects, developers, data analysts, data engineers, and operations engineers

AWS training and certification

AWS Training and Certification has created this and other **AWS Ramp-Up Guides** to help build your knowledge of the AWS Cloud. Each expertly curated guide features free digital training, classroom courses, videos, whitepapers, certifications, and other information you're looking for. To enroll in training and certification exams, and track your progress, visit **aws.training** and set up a free account. To provide suggestions on Ramp-Up Guides, please contact **rampupguides@amazon.com**.

Learn the fundamentals of AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
AWS Ramp-Up Guide: Cloud Practitioner	10 minutes	Ramp-Up Guide »

Extending AWS Learning

LEARNING RESOURCE	DURATION	TYPE
Architecting on AWS	3 days	Classroom Training »
Data Analytics Fundamentals	3.5 hours	Digital Training »
Planning and Designing Databases on AWS	3 days	Classroom Training »

Step 1: Learn AWS Game Tech fundamentals

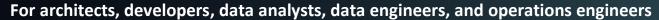| LEARNING RESOURCE	DURATION	TYPE
AWS Game Tech	15 minutes	Webpage »
Game Developer Resources	1+ hour	Webpage »
Getting Started with AWS Game Tech	90 minutes	Digital Training »
Introduction to Scalable Game Development Patterns on AWS	3.5 hours	Whitepaper »

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Step 2: Dive deeper into AWS Game Tech

LEARNING RESOURCE	DURATION	TYPE
Game Server Hosting on AWS	75 minutes	Digital Training »
Amazon GameLift Primer	2 hours	Digital Training »
Using Amazon GameLift FleetIQ for Game Servers	90 minutes	Digital Training »
Game Server Hosting with Amazon EC2	90 minutes	Digital Training »
Why Analytics for Games	1 hour	Digital Training »
Building and Analytics Pipeline for Games	90 minutes	Digital Training »
Amazon Lumberyard Primer	90 minutes	Digital Training »
Serverless Real-Time Analytics for Mobile Gaming	5 minutes	Architecture Diagram »
Serverless Notifications for Mobile Games	5 minutes	Architecture Diagram »
Build a real-time leaderboard with Amazon Aurora Serverless and Amazon ElastiCache	3 hours	Tutorial »
Build a turn-based game with Amazon DynamoDB and Amazon SNS	2+ hours	Tutorial »
Modeling Game Player Data with Amazon DynamoDB	2 hours	Tutorial »
Amazon GameLift	2+ hours	Documentation »
Amazon Lumberyard	2+ hours	Documentation »

Explore additional resources

LEARNING RESOURCE	DESCRIPTION	
Architecture Best Practices for Game Tech	Learn best practices for game development, including how to build game backends, operate game servers and workloads, and implement game analytics.	Explore »
Learning Library	Continue to learn by exploring our extensive portfolio of free digital training and classroom training.	Explore »
AWS Whitepapers & Guides	Explore technical whitepapers, guides, reference material, and architecture diagrams.	Explore »
AWS User Group	Join and connect with AWS users all over the world to share ideas and learn.	Explore »
AWS Events and Webinars	Connect with, collaborate with, and learn from AWS experts.	Explore »
AWS Podcast	Listen and learn about AWS.	Explore »
AWS Blog	Read about the latest launches from AWS Technical Evangelist Jeff Barr and others.	Explore »
AWS Documentation	Search for AWS service guides, API references, tutorials, projects, SDKs, and toolkits.	Explore »
AWS Knowledge Center	Review AWS Support's responses to AWS customers' most frequently asked questions.	Explore »
AWS FAQs	Find answers to common Product and Technical frequently asked questions.	Explore »
AWS Hands-On Tutorials	Get started with 10-minute, step-by-step tutorials to launch your first application.	Explore »
AWS Solutions Library	Use vetted, technical reference implementations designed to help you solve common problems and build faster.	Explore »
AWS YouTube Channel	Explore a wide variety of AWS topics by watching videos created by AWS experts across the world.	Explore »
What's New with AWS	Stay up to date on the latest announcements from AWS.	Explore »
Game Tech Newsletter	Sign up to receive the latest information from AWS Game Tech.	Explore »

For a training plan customized for your requirements, contact your AWS Account Manager or contact us.

We would love to hear from you.
Provide your feedback on this AWS Ramp-Up Guide.

Contact us

Provide feedback

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