

AWS Ramp-Up Guide: Game Tech

For Architects, Developers, Data Analysts, Data Engineers, and Operations Engineers

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.

Learn the fundamentals of AWS Cloud		
LEARNING RESOURCE	DURATION	TYPE
What is Cloud Computing?	10 minutes	Webpage »
Overview of AWS	2+ hours	Whitepaper »
<i>AWS Cloud Practitioner Essentials (Second Edition)</i>	6+ hours	Digital Training » Classroom Training »
Cloud Computing with AWS	10 minutes	Webpage »
AWS Glossary	30 minutes	Whitepaper »
<i>Job Roles in the Cloud</i>	30 minutes	Digital Training »
AWS Pricing	15 minutes	Webpage »
How AWS Pricing Works	45 minutes	Whitepaper »
Compare AWS Support Plans	5 minutes	Whitepaper »
AWS Cloud Security	10 minutes	Webpage »
<i>AWS Shared Responsibility Model</i>	10 minutes	Digital Training »
Shared Responsibility Model	5 minutes	Webpage »

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Step 1: Learn AWS Game Tech fundamentals

LEARNING RESOURCE	DURATION	TYPE
AWS Game Tech	15 minutes	Webpage »
Game Developer Resources	1+ hour	Webpage »
<i>Getting Started with AWS Game Tech</i>	90 minutes	Digital Training »
Introduction to Scalable Game Development Patterns on AWS	2 hours	Whitepaper »

Step 2: Dive deeper into AWS Game Tech

LEARNING RESOURCE	DURATION	TYPE
<i>Game Server Hosting on AWS</i>	75 minutes	Digital Training »
<i>Amazon GameLift Primer</i>	2 hours	Digital Training »
<i>Why Analytics for Games</i>	1 hour	Digital Training »
<i>Data Analytics Fundamentals</i>	1 hour	Digital Training »
<i>Building and Analytics Pipeline for Games</i>	90 minutes	Digital Training »
<i>Amazon Lumberyard Primer</i>	90 minutes	Digital Training »
<i>Architecting on AWS</i>	3 days	Digital Training »
<i>Planning and Designing Databases on AWS</i>	3 days	Classroom Training »
<i>Using Amazon GameLift FleetIQ for Game Servers *</i>	90 minutes	Digital Training »

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Step 2: Dive deeper into AWS Game Tech

LEARNING RESOURCE	DURATION	TYPE
Amazon GameLift	5 days	Documentation »
Amazon Lumberyard	5 days	Documentation »
Virtual Asset Management Service	5 minutes	Architecture Diagram »
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 »

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Explore additional resources		
LEARNING RESOURCE	DESCRIPTION	
Learning Library	Continue to learn by exploring our extensive portfolio of free digital training and classroom training. Filter according to your preferences, or find a specific course using the “Search” box.	Explore »
AWS Whitepapers & Guides	Explore technical whitepapers, technical guides, reference material, and reference architecture diagrams, all authored by AWS and the AWS community.	Explore »
AWS User Group	Join and connect with AWS users all over the world to share ideas and learn.	Explore »
AWS Events & Webinars	Connect with, collaborate with, and learn from AWS experts. Key events include AWS.	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 Knowledge Center	Search for AWS service guides, API references, tutorials, projects, SDKs, and toolkits.	Explore »
AWS FAQs	Review AWS Support’s responses to AWS customers’ most frequently asked questions.	Explore »
AWS Hands-On Tutorials	Find answers to product- and technical-related frequently asked questions.	Explore »
AWS Solutions Library	Get started with 10-minute, step-by-step tutorials to launch your first application.	Explore »
AWS YouTube Channel	Use vetted, technical reference implementations designed to help you solve common problems and build faster.	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 [here](#)

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