AWS Ramp-Up Guide: Databases

For Data Engineers, Architects, Developers and Operations Engineers

aws training and certification

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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 »
AWS Cloud Practitioner Essentials (Second Edition)	6+ hours	Digital Training »
Cloud Computing with AWS	10 minutes	Webpage »
AWS Glossary	30 minutes	Webpage »
Job Roles in the Cloud	30 minutes	Digital Training »
AWS Pricing	15 minutes	Webpage »
How AWS Pricing Works	45 minutes	Webpage »
Compare AWS Support Plans	5 minutes	Whitepaper »
AWS Cloud Security	10 minutes	Webpage »
AWS Shared Responsibility Model	10 minutes	Digital Training »
Shared Responsibility Model	5 minutes	Webpage »

Step 1: Learn AWS Database fundamentals

LEARNING RESOURCE	DURATION	TYPE
Databases on AWS	1+ hour	Webpage »
AWS Databases – the right tool, for the right job	10 minutes	Infographic »

Step 1 continued: Learn AWS Database fundamentals

LEARNING RESOURCE	DURATION	TYPE
Database Offerings: Amazon DocumentDB, Amazon ElastiCache, Amazon Redshift, Amazon Neptune and Amazon Quantum Ledger Database	5+ hours	Digital Training »
Amazon DynamoDB Service Primer	20 minutes	Digital Training »
Amazon DynamoDB for Serverless Architectures	2 hours	Digital Training »
Amazon RDS Service Primer	20 minutes	Digital Training »
Introduction to Database Migration	45 minutes	Digital Training »
Database Migrations	1 hour	Webpage »
AWS Database Blog	1 hour	Blog Post »
Enter the Purpose-Built Database Era	2 hours	eBook »
Gartner Report: The future of the DBMS market is cloud	30 minutes	Report »
PostgreSQL Fundamentals	20 minutes	Digital Training »
PostgreSQL Fundamentals – Architectures	1 hour	Digital Training »
PostgreSQL Fundamentals – SQL Command Line	15 minutes	Digital Training »
PostgreSQL Fundamentals – Explain	30 minutes	Digital Training »
Planning and Designing Databases on AWS	3 days	Classroom Training »

Step 2: Dive deep into AWS Databases

LEARNING RESOURCE	DURATION	TYPE
Data Warehousing on AWS	3 days	Classroom Training »
Developing on AWS	3 days	Classroom Training »

Step 2 continued: Dive deep into AWS Databases

LEARNING RESOURCE	DURATION	TYPE
Amazon Relational Database Service (Amazon RDS)	2+ hours	Documentation »
Amazon ElastiCache	2+ hours	Documentation »
Amazon DocumentDB	2+ hours	Documentation »
Amazon DynamoDB	2+ hours	Documentation »
Amazon Managed Apache Cassandra Service	2+ hours	Documentation »
Amazon Neptune	2+ hours	Documentation »
Amazon QLDB	2+ hours	Documentation »
Amazon Redshift	2+ hours	Documentation »
Migrating Oracle Database Workloads to Oracle Linux on AWS	1+ hour	Whitepaper »
Modernizing the Amazon Database Infrastructure	1+ hour	Whitepaper »
Migrating Applications Running Relational Databases to AWS	1+ hour	Whitepaper »
Configuring Amazon RDS as an Oracle PeopleSoft Database	1+ hour	Whitepaper »
Best Practices for Running Oracle Database on AWS	1+ hour	Whitepaper »
Determining the IOPS Needs for Oracle Database on AWS	2+ hours	Whitepaper »
Amazon Aurora MySQL Database Administrator's Handbook	1+ hour	Whitepaper »
Comparing the Use of Amazon DynamoDB and Apache HBase for NoSQL	2+ hours	Whitepaper »
Best Practices for Deploying Microsoft SQL Server on AWS	2+ hours	Whitepaper »
Strategies for Migrating Oracle Databases to AWS	1+ hour	Whitepaper »
AWS Database Migration Service Best Practices	1+ hour	Whitepaper »
Migration Strategy for Relational Databases	1+ hour	Webpage »

Step 2 continued: Dive deep into AWS Databases

LEARNING RESOURCE	DURATION	TYPE
Deploying Microsoft SQL Server on Amazon Web Services	2+ hours	Whitepaper »
Getting Started with Amazon DocumentDB (with MongoDB Compatibility)	2+ hours	Whitepaper »
Migrating Your Self-Managed MongoDB Databases to AWS with Amazon DocumentDB	2+ hours	Blog Post »

Step 3: Prepare for and take the AWS Certified Database – Specialty Certification Exam

LEARNING RESOURCE	DURATION	TYPE
Exam Readiness: AWS Certified Database – Specialty	3.5 hours	**Digital Training »**
	1 day	**Classroom Training »**
AWS Certified Database – Specialty exam guide and sample questions	1 hour	**Exam Guide »**
	4 hours	**Sample Questions »**
AWS Certified Database – Specialty practice exam	4 hours	**Practice Exam »**
AWS Certified Database – Specialty Certification Exam	3 hours	**Certification Exam »**

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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 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 product- and technical-related 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 »

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

We would love to hear from you.
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