

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	<a href="#">Ramp-Up Guide »</a>

## Step 1: Learn AWS Database fundamentals

LEARNING RESOURCE	DURATION	TYPE
Databases on AWS	1+ hour	<a href="#">Webpage »</a>
AWS Databases – the right tool, for the right job	10 minutes	<a href="#">Infographic »</a>
<i>Moving to Managed Databases on AWS</i>	4 hours	<a href="#">Digital Training »</a>
<i>Planning and Designing Databases on AWS</i>	3 days	<a href="#">Classroom Training »</a>
<i>Database Offerings</i>	5+ hours	<a href="#">Digital Training »</a>

## Step 2A: AWS Relational Database Services

LEARNING RESOURCE	DURATION	TYPE
Break Free From Legacy Databases	2 hours	<a href="#">Digital Training »</a>
PostgreSQL Fundamentals	20 minutes	<a href="#">Digital Training »</a>
PostgreSQL Fundamentals – Architectures	1 hour	<a href="#">Digital Training »</a>
PostgreSQL Fundamentals – SQL Command Line	15 minutes	<a href="#">Digital Training »</a>

## Step 2A continued: AWS Relational Database Services

LEARNING RESOURCE	DURATION	TYPE
<i>Amazon RDS Service Primer</i>	20 minutes	<a href="#">Digital Training »</a>
<i>Amazon Aurora MySQL - Basics</i>	15 minutes	<a href="#">Digital Training »</a>
<i>Amazon Aurora MySQL - Migration</i>	20 minutes	<a href="#">Digital Training »</a>
<i>Amazon Aurora Service Primer</i>	20 minutes	<a href="#">Digital Training »</a>
<i>Mapping a Few Core Oracle DB Concepts to Amazon RDS/Aurora PostgreSQL Concepts</i>	45 minutes	<a href="#">Digital Training »</a>
<i>PostgreSQL Fundamentals: Explain</i>	30 minutes	<a href="#">Digital Training »</a>

## Step 2B: AWS Non-Relational Database Services

LEARNING RESOURCE	DURATION	TYPE
<i>Break Free of Legacy Databases</i>	2 hours	<a href="#">Digital Training »</a>
<i>Amazon DynamoDB Service Primer</i>	20 minutes	<a href="#">Digital Training »</a>
<i>Amazon DynamoDB for Serverless Architectures</i>	2 hours	<a href="#">Digital Training »</a>
<i>Amazon DynamoDB – Architecture and Features</i>	15 minutes	<a href="#">Digital Training »</a>
<i>Amazon ElastiCache Service Introduction</i>	5 minutes	<a href="#">Digital Training »</a>
<i>Amazon Neptune Service Introduction</i>	5 minutes	<a href="#">Digital Training »</a>
<i>Amazon Quantum Ledger Database (QLDB) Service Introduction</i>	10 minutes	<a href="#">Digital Training »</a>
<i>Amazon Redshift Service Introduction</i>	5 minutes	<a href="#">Digital Training »</a>
<i>Application development using AWS DynamoDB</i>	1.5 hours	<a href="#">Digital Training »</a>
<i>Building Highly Connected Applications using Amazon Neptune</i>	30 minutes	<a href="#">Digital Training »</a>
<i>AWS Database Blog</i>	1 hour	<a href="#">Blog Post »</a>

## Step 2B: AWS Non-Relational Database Services

LEARNING RESOURCE	DURATION	TYPE
Enter the Purpose-Built Database Era	2 hours	<a href="#">E-Book »</a>
Deep Dive into DocumentDB	30 minutes	<a href="#">Digital Training »</a>
Build Modern Apps with Purpose-Built Databases	3 hours	<a href="#">Digital Training »</a>

## Step 3: AWS Database Migrations

LEARNING RESOURCE	DURATION	TYPE
<i>Introduction to Database Migration</i>	45 minutes	<a href="#">Digital Training »</a>
Database Migrations	1 hour	<a href="#">Webpage »</a>
<i>Migrating from Oracle to Amazon Aurora</i>	40 minutes	<a href="#">Digital Training »</a>
<i>Migrating from Oracle to Amazon RDS</i>	30 minutes	<a href="#">Digital Training »</a>
<i>Migrating from PostgreSQL to Amazon RDS</i>	30 minutes	<a href="#">Digital Training »</a>
<i>Moving to Managed Databases on AWS</i>	4 hours	<a href="#">Digital Training »</a>
<i>Using the AWS Schema Conversion Tool</i>	45 minutes	<a href="#">Digital Training »</a>
<i>Migrating from Redis to Amazon ElastiCache</i>	30 minutes	<a href="#">Digital Training »</a>
<i>Migrating from Apache Cassandra to Amazon Keyspaces</i>	30 minutes	<a href="#">Digital Training »</a>
<i>Migrating from Microsoft SQL Server to Amazon DynamoDB</i>	45 minutes	<a href="#">Digital Training »</a>
<i>Migrating from Microsoft SQL Server to Amazon RDS</i>	30 minutes	<a href="#">Digital Training »</a>
<i>Migrating from MongoDB to Amazon DocumentDB</i>	30 minutes	<a href="#">Digital Training »</a>
<i>Migrating from MySQL to Amazon RDS</i>	30 minutes	<a href="#">Digital Training »</a>

## Step 4: Deep Dive into AWS Databases

LEARNING RESOURCE	DURATION	TYPE
<i>Data Warehousing on AWS</i>	3 days	<a href="#">Classroom Training »</a>
<i>Developing on AWS</i>	3 days	<a href="#">Classroom Training »</a>
Introduction to Amazon Relational Database Service (RDS) (Windows)	50 minutes	<a href="#">Self-Paced Lab »</a>
Introduction to Amazon DynamoDB	40 minutes	<a href="#">Self-Paced Lab »</a>
Introduction to Amazon Aurora	1 hour	<a href="#">Self-Paced Lab »</a>
Introduction to AWS Database Migration Service	1.5 hours	<a href="#">Self-Paced Lab »</a>
Amazon Relational Database Service (Amazon RDS)	2+ hours	<a href="#">Documentation »</a>
Amazon ElastiCache	2+ hours	<a href="#">Documentation »</a>
Amazon DocumentDB	2+ hours	<a href="#">Documentation »</a>
Amazon DynamoDB	2+ hours	<a href="#">Documentation »</a>
Amazon Keyspaces (for Apache Cassandra) Documentation	2+ hours	<a href="#">Documentation »</a>
Amazon Neptune	2+ hours	<a href="#">Documentation »</a>
Amazon Quantum Ledger Database (QLDB)	2+ hours	<a href="#">Documentation »</a>
Amazon Redshift	2+ hours	<a href="#">Documentation »</a>
Migrating Oracle Database Workloads to Oracle Linux on AWS	1+ hour	<a href="#">Whitepaper »</a>
Modernizing the Amazon Database Infrastructure	1+ hour	<a href="#">Whitepaper »</a>
Migrating Applications Running Relational Databases to AWS	1+ hour	<a href="#">Whitepaper »</a>
Configuring Amazon RDS as an Oracle PeopleSoft Database	1+ hour	<a href="#">Whitepaper »</a>
Best Practices for Running Oracle Database on AWS	1+ hour	<a href="#">Whitepaper »</a>
Determining the IOPS Needs for Oracle Database on AWS	2+ hours	<a href="#">Whitepaper »</a>
Amazon Aurora MySQL Database Administrator's Handbook	1+ hour	<a href="#">Whitepaper »</a>

## Step 4 continued: Deep Dive into AWS Databases

LEARNING RESOURCE	DURATION	TYPE
Comparing the Use of Amazon DynamoDB and Apache HBase for NoSQL	2+ hours	<a href="#">Whitepaper »</a>
Best Practices for Deploying Microsoft SQL Server on AWS	2+ hours	<a href="#">Whitepaper »</a>
Strategies for Migrating Oracle Databases to AWS	1+ hour	<a href="#">Whitepaper »</a>
AWS Database Migration Service Best Practices	1+ hour	<a href="#">Whitepaper »</a>
Migration Strategy for Relational Databases	1+ hour	<a href="#">Whitepaper »</a>
Deploying Microsoft SQL Server on Amazon Web Services	2+ hours	<a href="#">Whitepaper »</a>
Getting Started with Amazon DocumentDB (with MongoDB Compatibility)	2+ hours	<a href="#">Whitepaper »</a>
Migrating Your Self-Managed MongoDB Databases to AWS with Amazon DocumentDB	2+ hours	<a href="#">Webpage »</a>

## Step 5: Prepare for and take the *AWS Certified Database – Specialty* Certification exam

LEARNING RESOURCE	DURATION	TYPE
<i>Exam Readiness: AWS Certified Database – Specialty</i>	3.5 hours	<a href="#">Digital Training »</a>
<i>AWS Certified Database – Specialty</i> exam guide	1 hour	<a href="#">Exam Guide »</a>
<i>AWS Certified Database – Specialty</i> sample questions	4 hours	<a href="#">Sample Questions »</a>
<i>AWS Certified Database – Specialty</i> certification exam	3 hours	<a href="#">Exam »</a>

Explore additional resources		
LEARNING RESOURCE	DESCRIPTION	
Architecture Best Practices for Serverless	Learn how to build modern applications using serverless architectures.	<a href="#">Explore »</a>
Learning Library	Continue to learn by exploring our extensive portfolio of free digital training and classroom training.	<a href="#">Explore »</a>
AWS Whitepapers & Guides	Explore technical whitepapers, guides, reference material, and architecture diagrams authored by AWS and the AWS community.	<a href="#">Explore »</a>
AWS User Group	Join and connect with AWS users all over the world to share ideas and learn.	<a href="#">Explore »</a>
AWS Events and Webinars	Connect, collaborate, and learn from AWS experts.	<a href="#">Explore »</a>
AWS Podcast	Listen and learn about AWS.	<a href="#">Explore »</a>
AWS Blog	Read about the latest launches from AWS Technical Evangelist Jeff Barr and others.	<a href="#">Explore »</a>
AWS Documentation	Search for AWS service guides, API references, tutorials, projects, SDKs, and toolkits.	<a href="#">Explore »</a>
AWS Knowledge Center	Review AWS Support's responses to AWS customers' most frequently asked questions.	<a href="#">Explore »</a>
AWS FAQs	Find answers to common Product and Technical frequently asked questions.	<a href="#">Explore »</a>
AWS Hands-On Tutorials	Get started with 10-minute, step-by-step tutorials to launch your first application.	<a href="#">Explore »</a>
AWS Solutions Library	Technical reference implementations designed to help you solve common problems and build faster.	<a href="#">Explore »</a>
AWS YouTube Channel	Explore a wide variety of AWS topics by watching videos created by AWS experts across the world.	<a href="#">Explore »</a>

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

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