

# AWS Ramp-Up Guide: Migration

## For AWS Cloud Migration and Transfer Professionals

AWS Training and Certification has created this and other **AWS Ramp-Up Guides** to help build your knowledge of the AWS Cloud. This ramp-up guide features digital training, classroom courses, blog posts, videos, whitepapers, and other information that will teach you how to successfully migrate your existing applications and workloads to the AWS Cloud. To enroll in training and certification exams, and track your progress, visit [aws.training](https://aws.training) and set up a free account.

### Step 1: Learn the fundamentals of the AWS Cloud

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

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### Step 2: Learn how to migrate to the AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
An Overview of the AWS Cloud Adoption Framework	1 hour	<a href="#">Whitepaper »</a>
AWS Cloud Adoption Readiness Tool (CART)	1 hour	<a href="#">Webpage »</a>
<i>AWS Foundations: Strategies and Tools to Perform Large-Scale Migrations</i>	1 hour	<a href="#">Digital Training »</a>
AWS Prescriptive Guidance for Migrations	2 hours	<a href="#">Website »</a>
<i>AWS Fundamentals: Migrating to the Cloud</i>	8 hours	<a href="#">Coursera Digital Training »</a> <a href="#">edX Digital Training »</a>
A Leader's Guide to Cloud Transformation	30 minutes	<a href="#">E-book »</a>
Enterprise Transformation: Migration and Modernization Demystified	45 minutes	<a href="#">Video »</a>

### Step 3: Learn AWS Migration services and tools

LEARNING RESOURCE	DURATION	TYPE
<i>Migrating to AWS</i>	2 days	<a href="#">Classroom Training »</a>
<i>Introduction to AWS Application Discovery Service</i>	20 minutes	<a href="#">Digital Training »</a>
AWS Total Cost Ownership Calculators	1 hour	<a href="#">Webpage »</a>
How AWS Migration Hub Helps You Plan, Track, and Complete Your Application Migrations	50 minutes	<a href="#">Video »</a>
<i>CloudEndure Migration Training – Business</i>	40 minutes	<a href="#">Digital Training »</a>
<i>CloudEndure Migration Training – Technical</i>	2 hours	<a href="#">Digital Training »</a>

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## Step 3 continued: Learn AWS Migration services and tools

LEARNING RESOURCE	DURATION	TYPE
Application Migrations Using AWS Server Migration Service (SMS)	50 minutes	<a href="#">Video »</a>
Automating your lift-and-shift migration at no cost with CloudEndure Migration	1 hour	<a href="#">Blog Post »</a>
<i>Introduction to Amazon Direct Connect</i>	10 minutes	<a href="#">Digital Training »</a>
<i>Introduction to Database Migration</i>	45 minutes	<a href="#">Digital Training »</a>
<i>Introduction to AWS Storage Gateway</i>	20 minutes	<a href="#">Digital Training »</a>
<i>Introduction to AWS Snowball Edge</i>	25 minutes	<a href="#">Digital Training »</a>
<i>Introduction to AWS Snowmobile</i>	5 minutes	<a href="#">Digital Training »</a>
<i>AWS DataSync Primer</i>	1 hour	<a href="#">Digital Training »</a>
<i>AWS Transfer for SFTP Primer</i>	50 minutes	<a href="#">Digital Training »</a>
<i>Amazon FSx for Lustre Primer</i>	1 hour	<a href="#">Digital Training »</a>
<i>Amazon FSx for Windows File Server Primer</i>	1 hour	<a href="#">Digital Training »</a>
Application Migration with AWS	1 day	<a href="#">Workshop »</a>

## Step 4: Learn how to migrate workloads to AWS

LEARNING RESOURCE	DURATION	TYPE
<i>From Migration to Modernization: Discover, plan, and migrate a monolith to ECS and Fargate with the help of Application Discovery and no code changes</i>	45 minutes	<a href="#">Digital Training »</a>
Migrating Oracle Database Workloads to Oracle Linux on AWS	2 hours	<a href="#">Whitepaper »</a>
Migrating Applications Running Relational Databases to AWS	3 hours	<a href="#">Whitepaper »</a>

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## Step 4 continued: Learn How to migrate workloads to AWS

LEARNING RESOURCE	DURATION	TYPE
Migrating Workloads to Amazon DocumentDB (with MongoDB compatibility)	85 minutes	<a href="#">Video »</a>
How to Migrate Oracle Workloads to VMware Cloud on AWS	45 minutes	<a href="#">Blog Post »</a>
Automating SAP migrations using CloudEndure Migration	45 minutes	<a href="#">Blog Post »</a>
Migrating Azure VM to AWS using AWS SMS Connector	45 minutes	<a href="#">Blog Post »</a>
Migrating Microsoft applications to AWS like an expert	60 minutes	<a href="#">Video »</a>
Migrating ASP.NET applications to AWS with Windows Web Application Migration Assistant	35 minutes	<a href="#">Video »</a>
How Amazon.com migrated its applications from Oracle to AWS databases	50 minutes	<a href="#">Video »</a>
Migrating your data warehouses to Amazon Redshift	1 hour	<a href="#">Video »</a>
How a U.S. Government Agency Accelerated Its Migration to GovCloud	50 minutes	<a href="#">Video »</a>
How Dow Jones modernized their data storage	30 minutes	<a href="#">Blog Post »</a>
Migrating File Data to AWS: Demo & Technical Guidance	40 minutes	<a href="#">Video »</a>

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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.	<a href="#">Explore »</a>
AWS Whitepapers & Guides	Explore technical whitepapers, technical guides, reference material, and reference architecture diagrams, all 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 & Webinars	Connect with, collaborate with, 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 product- and technical-related 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	Use vetted, 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 [here](#)

We would love to hear from you. Provide your feedback on this AWS Ramp-Up Guide [here](#)