

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 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	Webpage »
Overview of AWS	2+ hours	Whitepaper »
<i>AWS Cloud Practitioner Essentials</i>	6 hours	Digital Training » Classroom Training »
Cloud Computing with AWS	10 minutes	Webpage »
AWS Glossary with definitions and key terms and concepts	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 2: Learn how to migrate to the AWS Cloud

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

Step 3: Learn AWS Migration services and tools

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

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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	Video »
Automating your lift-and-shift migration at no cost with CloudEndure Migration	1 hour	Blog Post »
<i>Introduction to Amazon Direct Connect</i>	10 minutes	Digital Training »
<i>Introduction to Database Migration</i>	45 minutes	Digital Training »
<i>Introduction to AWS Storage Gateway</i>	20 minutes	Digital Training »
<i>Introduction to AWS Snowball Edge</i>	25 minutes	Digital Training »
<i>Introduction to AWS Snowmobile</i>	5 minutes	Digital Training »
<i>AWS DataSync Primer</i>	1 hour	Digital Training »
<i>AWS Transfer for SFTP Primer</i>	50 minutes	Digital Training »
<i>Amazon FSx for Lustre Primer</i>	1 hour	Digital Training »
<i>Amazon FSx for Windows File Server Primer</i>	1 hour	Digital Training »
Application Migration with AWS	1 day	Workshop »

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	Digital Training »
Migrating Oracle Database Workloads to Oracle Linux on AWS	2 hours	Whitepaper »
Migrating Applications Running Relational Databases to AWS	3 hours	Whitepaper »

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

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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.	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.
Provide your feedback on this AWS Ramp-Up Guide [here](#)