For architects, developers, and storage, operations, and data 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. To provide suggestions on Ramp-Up Guides, please contact **rampupguides@amazon.com**.

Learn the fundamentals of the AWS Cloud		
LEARNING RESOURCE	DURATION	ТҮРЕ
AWS Ramp-Up Guide: Cloud Practitioner	10 minutes	Ramp-Up Guide »

Step 2: Learn about AWS Storage		
LEARNING RESOURCE	DURATION	ТҮРЕ
Cloud Storage on AWS	30 minutes	Webpage »
AWS Storage Offerings	100 mins	Digital Training »
Architecting on AWS	3 days	Classroom Training »
AWS Storage Blog	1 hour	Webpage »
AWS Storage Virtual Workshop	7.5 hours	Webpage »

Step 3: Learn about AWS object storage		
LEARNING RESOURCE	DURATION	ТҮРЕ
Getting Started with Amazon Simple Storage Service (Amazon S3)	2.5 hours	Digital Training »
Amazon Simple Storage Service (Amazon S3) Storage Classes Deep Dive	60 minutes	Digital Training »
Amazon Simple Storage Service (Amazon S3) Cost Optimization	60 minutes	Digital Training »
Auditing Amazon Simple Storage Service (Amazon S3) Security	60 minutes	Digital Training »
Deep Dive into Amazon Simple Storage Service (Amazon S3)	11.5 hours	Digital Training »

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Step 3 continued: Learn about AWS object storage		
LEARNING RESOURCE	DURATION	ТҮРЕ
Best Practices Design Patterns: Optimizing Amazon S3 Performance	20 minutes	Whitepaper »
Building Big Data Storage Solutions (Data Lakes) for Maximum Flexibility	45 minutes	Whitepaper »
AWS Storage Optimization	30 minutes	Whitepaper »
Amazon Simple Storage Service (S3)	2+ hours	Documentation »

Step 4: Learn about AWS file storage		
LEARNING RESOURCE	DURATION	ТҮРЕ
Moving to Managed File Systems	30 minutes	Whitepaper »
Introduction to Amazon FSx for Windows File Server	20 minutes	Digital Training »
Introduction to Amazon FSx for Lustre	10 minutes	Digital Training »
Amazon FSx for Windows File Server Primer	1 hour	Digital Training »
Amazon FSx for Lustre Primer	1 hour	Digital Training »
Amazon Elastic File System (Amazon EFS) Primer	30 minutes	Digital Training »
Deep Dive into Amazon Elastic File System (Amazon EFS)	1 hour	Digital Training »
Amazon Elastic File System: Choosing Between Different Throughput and Performance Modes	30 minutes	Whitepaper »
AWS Storage Optimization	30 minutes	Whitepaper »
Amazon Elastic File System Performance	1 hour 20 mins	Self-Paced Lab »
Amazon Elastic File System (EFS)	2+ hours	Documentation »
Amazon FSx	2+ hours	Documentation »

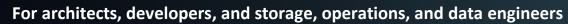
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Step 5: Learn about AWS block storage		
LEARNING RESOURCE	DURATION	ТҮРЕ
Introduction to Elastic Block Store (Amazon EBS)	1.5 hours	Self-Paced Lab »
Amazon Elastic Block Store (Amazon EBS) Primer	2.5 hours	Digital Training »
Deep Dive into Amazon Elastic Block Store (Amazon EBS)	1.5 hours	Digital Training »
AWS Storage Optimization	30 minutes	Whitepaper »
Amazon Elastic Block Store (EBS)	2+ hours	Documentation »

Step 6: Learn about AWS backup and disaster recovery		
LEARNING RESOURCE	DURATION	ТҮРЕ
Introduction to AWS Backup	20 minutes	Digital Training »
Introduction to Backup and Restore with AWS	1.5 hours	Digital Training »
CloudEndure Disaster Recovery Technical Training	1.5 hours	Digital Training »
AWS Backup	2+ hours	Documentation »
CloudEndure Disaster Recovery	2+ hours	Documentation »

Step 7: Learn about AWS data transfer		
LEARNING RESOURCE	DURATION	ТҮРЕ
Introduction to AWS Storage Gateway	20 minutes	Digital Training »
AWS Storage Gateway Primer: File Gateway	1.5 hours	Digital Training »
AWS Storage Gateway Primer: Volume Gateway	1.5 hours	Digital Training »
AWS Storage Gateway Primer: Tape Gateway	100 minutes	Digital Training »





Documentation »

Documentation »

Documentation »

2+ hours

2+ hours

2+ hours

Step 7 continued: Learn about AWS data transfer		
LEARNING RESOURCE	DURATION	ТҮРЕ
AWS DataSync Primer	1 hour	Digital Training »
AWS Transfer Family (SFTP, FTPS, FTP) Primer	50 minutes	Digital Training »
Deep Dive into AWS Storage Gateway	3 hours	Digital Training »
Storage Gateway: File Gateway Network Configuration	2 hours	Self-Paced Lab »
Hybrid Storage and Data Migration with AWS Storage Gateway File Gateway	1 hour	Self-Paced Lab »

Step 8: Learn about AWS edge computing and storage		
LEARNING RESOURCE	DURATION	ТҮРЕ
Introduction to AWS Snowball Edge	25 minutes	Digital Training »
Introduction to AWS Snowmobile	5 minutes	Digital Training »
AWS Snowball Edge Getting Started	105 minutes	Digital Training »
AWS Snowball Edge Logistics and Planning	85 minutes	Digital Training »
AWS Snowball Edge: Using Snowball Edge	4 hours	Digital Training »
AWS Snowcone Getting Started	50 minutes	Digital Training »
AWS Snowcone Logistics and Planning	90 minutes	Digital Training »
Using AWS Snowcone	75 minutes	Digital Training »
AWS Snow Family	2+ hours	Documentation »

AWS Storage Gateway

AWS Transfer Family

AWS DataSync

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Explore additional resources		
LEARNING RESOURCE	DESCRIPTION	
Architecture Best Practices for Storage	Learn how to leverage AWS object storage, file storage, and block storage services, and backup and data migration options to build the foundation of your cloud IT architecture.	Explore »
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 and 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 Knowledge Center	Review AWS Support's responses to AWS customers' most frequently asked questions.	Explore »
AWS FAQs	Find answers to common Product and Technical 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 »
AWS Documentation	Search for AWS service guides, API references, tutorials, projects, SDKs, and toolkits.	Explore »

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Contact us

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