

Video Streaming Essentials for AWS Media Services



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Learn best practices for designing and using cloud-based video workflows in the AWS Cloud from an expert AWS instructor. The course covers important concepts related to video processing and delivery, the variables that can impact migration decisions, and real-world examples of hybrid and cloud use cases for AWS Media Services. It also introduces security, machine learning, and analytics concepts to help you consider how AWS Media Services fit into your overall cloud strategy.

Course Contents

- Module 1: Important Video Concepts
- Module 2: Anatomy of Streaming Workflows
- Module 3: Using AWS Services in Video-on-Demand (VOD) Workflows
- Module 4: Optimizing Workflows
- Module 5: Using AWS Services in Live Workflows
- Module 6: Recap and Review
- Module 7: Next Steps

This course includes presentations, demonstrations and practical exercises. You have access to the labs for another 14 days after the course. This way you can repeat exercises or deepen them individually.

E-Book You will receive the original course documentation by Amazon Web Services as an e-book.

Target Group

Individuals who work in or are considering migration to AWS Media Services, including those in the following roles:

- Video operator/engineer
- Developer
- Architect
- Project manager/engineer

Prerequisites

Required:

- Video Streaming Concepts: AWS Media Services
- Introduction to AWS Media Services by Use Case

Recommended:

- AWS Technical Essentials

Important: Therefore, please bring your notebook to the course! If this is not possible, please contact us in advance.

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.expertech-training.com/go/AWME

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training	Prices, excl. of V.A.T.	
Classes in Germany	2 Days	€ 1,295
Online Training	2 Days	€ 1,295
Dates upon request		

Status 03/08/2024



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Video Streaming Essentials for AWS Media Services

Module 1: Important Video Concepts

Live switching between multiple inputs

Resolution, bitrate, frame rate, latency, and compression

Saving segments from a live show to create VOD segments

Codecs and containers

Module 6: Recap and Review

Module 7: Next Steps

Group of pictures (GOP) encoding

ABR, packaging and distribution

Internet protocols used in video streaming

Module 2: Anatomy of Streaming Workflows

Four stages of video streaming

Variables that affect design decisions

Module 3: Using AWS Services in Video-on-Demand (VOD) Workflows

Converting a film or tape library for internet streaming

Increasing reach and accessibility using multiple languages and captions

Streaming edited highlights from a live event

Analyzing and tagging VOD files for media content analysis using machine learning and data analytics

Module 4: Optimizing Workflows

Security

Migrating to the cloud

Cloud financial management

Module 5: Using AWS Services in Live Workflows

Challenges of live streaming

Live streaming a simple interview show

Live streaming a major sporting event to a global audience

