

Course Overview and Agenda

Akamai Media Delivery Solutions Training

Version 3.6



Course Overview

The Akamai University course for Akamai Media Delivery Solutions is designed to familiarize participants with the Akamai Media Delivery Solutions portfolio. It examines the provisioning workflows for Media Services On Demand with Stream Packaging, MPEG-DASH Streaming using Adaptive Media Delivery, and Content Preparation including Transcoding using the Luna Control Center. It also provides an overview of Media Analytics and common Troubleshooting guidelines for Stream Delivery.

This course includes hands-on labs for HDS and HLS On Demand Streaming, Content Preparation, MPEG-DASH Streaming, and Secure HD Policy Editor.

Objectives

At the end of this course, you will be able to:

- Describe the Akamai Media Delivery Solutions portfolio.
- Describe the underlying technology and features on the Akamai Intelligent Platform.
- Deliver Streaming Content via the Akamai Intelligent Platform.

Agenda

The Akamai University Media Delivery Solutions Training curriculum consists of eight modules spread over a duration of two days. The agenda for this training is listed below.

DAY 1

Duration	Description
45 mins	<p>Introduction to Akamai Media Delivery Solutions</p> <p>This module is an introduction to the Media Delivery products offered by Akamai. It provides an understanding of the workflow of delivering media online and how the products enable it.</p>
90 mins	<p>Media Services On Demand - Stream Packaging</p> <p>This module provides an in-depth look at Akamai’s Media Services On Demand with Stream Packaging platform, giving details on configuring and testing online streaming.</p> <p>Lab 1: Provisioning Media Services On Demand – Stream Packaging</p>
90 mins	<p>Media Services On Demand – Content Preparation</p> <p>This module focuses on Akamai’s Transcoding and Packaging platform.</p> <p>Lab 2: Provisioning Content Preparation and Transcoding a Video</p>
90 mins	<p>Adaptive Media Delivery</p> <p>This module provides an overview of the Adaptive Media Delivery product, focusing on delivery of On Demand MPEG-DASH content.</p> <p>Lab 3: Provisioning Adaptive Media Delivery</p>

DAY 2

Duration	Description
90 mins	<p>Media Services Live</p> <p>This module provides an in-depth look at Akamai’s Live HTTP Streaming platform, giving details on configuring and testing online streaming.</p> <p>Lab 4: Provisioning Media Services Live (MSL) 4</p>
90 mins	<p>Streaming Security</p> <p>This module focuses on the various security concerns in online streaming and provides a walkthrough of the SecureHD product that addresses these concerns.</p> <p>Lab 5: Using the Media Security Policy Editor</p>
90 mins	<p>Media Analytics</p> <p>This module is an overview of the various Analytics tools used to capture information regarding end user behavior and media performance.</p>
90 mins	<p>Troubleshooting Stream Delivery</p> <p>This module gives you a walkthrough of the various tools and services used to troubleshoot common Stream Delivery issues.</p>

