VoD STREAMING

Reference Architecture





OVERVIEW

There are many requirements for building a successful video or demand service that can compete in today's crowded marketplace. Akamai focuses on six must-haves when striving for the highest quality: a reliable first-mile connection, robust origin services, reliable and scalable delivery, and built-in content security, testing, and visibility to protect and monitor the best viewing experiences.

- (2)
 - content management.

(3)

- (4)
- 5
- (6)

KEY PRODUCTS

Interconnect > Cloud Interconnect / Direct Connect Origin Offload or Cloud Storage ► Cloud Wrapper and NetStorage Quality Online Experiences > Adaptive Media Delivery Monetizing Content ► Dynamic Ad Insertion Guarding Against Piracy ► Content Security Visibility, Monitoring, and Alerting > Media Analytics and BOCC Peak and Performance Testing ► CloudTest

Access Akamai's first-mile for a highly reliable data transfer, a secure and economical entry point from a private or public cloud. Customers in search of added assurance will connect directly to Akamai.

Connect securely to cloud storage and compute platforms by pulling in content and caching it away from origin, dramatically improving origin offload, reducing egress costs, and minimizing infrastructure costs.

Store valuable content in a secure, cloud-based solution with automatic geo-replication for resiliency, scale, dynamic mapping, and flexible

Ensure high-quality, scalable streaming regardless of location, device, or network. An origin-agnostic adaptive bitrate delivery is integrated with a dynamic ad insertion working with ad-decisioning providers.

Secure content, prevent theft, and protect access against piracy with features like tokenization, access revocation, encryption, watermarking, proxy detection, content targeting, and more.

Monitor the quality of video performance and viewer experiences for insights. Enhance proactive support for end-to-end workflows with a managed service. Implement analytics engines for scalable real-time load testing, and illustrate the relationship of performance and user engagement affecting your business using easy visualization.