

CONTENT DELIVERY

Reference Architecture

OVERVIEW

For many organizations, digital properties drive their business. The Akamai Intelligent Edge Platform excels at delivering flawless digital experiences to online audiences. Regardless of content type — websites, applications, APIs, video, large downloads, or smaller objects — Akamai’s comprehensive set of content delivery products are designed to deliver powerful digital experiences to every user, across all locations, devices, or networks.

- 1 Access Akamai’s cloud interconnects for a highly reliable, secure, and economical data transfer entry point from a public or private cloud. Customers in search of added assurance will connect directly to Akamai.
- 2 Store, ingest, or cache content away from cloud or on-premises origins, dramatically improving origin protection and offload, reducing egress costs, and minimizing infrastructure costs. Further optimize request routing using highly scalable load balancing.
- 3 Deliver flawless digital experiences to online audiences across any use case, at scale — regardless of location, device, or network. Each solution is built on the Akamai Intelligent Edge Platform and provides leading reliability, scale, reach, offload, and performance.
- 4 Further optimize end-user experiences and offload complex functions from origin infrastructure using the power and intelligence of Akamai’s edge servers.
- 5 Intelligent security starts at the edge. Protect websites, applications, APIs, and users with Akamai security solutions.
- 6 Monitor delivery performance and analyze insights. Enhance proactive support through a managed service. Implement analytics engines for scalable, real-time load testing. Illustrate the relationship of performance and user engagement affecting your business with easy visualization.

KEY PRODUCTS

- First-mile connectivity ► Cloud Interconnect or Direct Connect
- Origin offload and protection ► NetStorage, Media Services Live, Cloud Wrapper, Site Shield, Global Traffic Management
- Content delivery ► Ion, Adaptive Media Delivery, Download Delivery
- Edge intelligence ► Script Management, Adaptive Acceleration, Image & Video Manager, Cloudlet Applications, API Gateway, Content Security, Dynamic Ad Insertion Support
- Monitoring and insight ► DataStream, Media Analytics, mPulse, CloudTest

