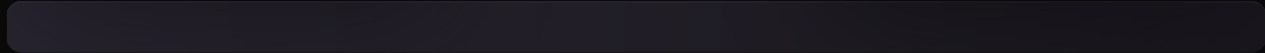
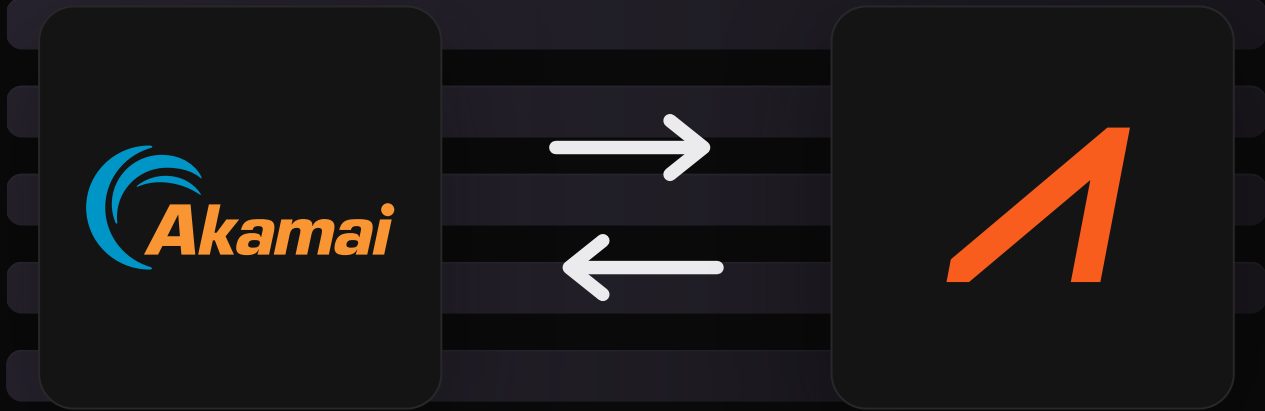


# Migrate from Akamai to Azion



# Akamai to Azion Product and Feature Mapping

The first step in considering a migration is to understand how Akamai delivery, security, compute, storage, DNS, and observability services map to Azion's Web Platform.

This cheat sheet gives technical evaluators a practical starting point for comparing Akamai product terminology with Azion platform capabilities.

## Basic Akamai Terminology

Akamai Terminology	Description	Azion Equivalent
Ion	Improve web performance, reliability, and user experience at scale.	<a href="#">Applications</a> / <a href="#">Application Accelerator</a> / <a href="#">Cache</a>
App & API Protector	Protect web applications and APIs against vulnerabilities, abuse, and distributed threats.	<a href="#">Firewall</a> / <a href="#">Web Application Firewall</a> / <a href="#">DDoS Protection</a> / <a href="#">Bot Manager</a>
EdgeWorkers	Execute JavaScript functions at the edge to customize experiences and optimize delivery.	<a href="#">Functions</a>
EdgeKV	Distributed key-value store for data-driven EdgeWorkers applications.	<a href="#">KV Store</a>
Edge DNS	Highly available and secure DNS for on-prem, cloud, and hybrid DNS environments.	<a href="#">Edge DNS</a>
DataStream	Low-latency data feed for visibility and ingestion into third-party monitoring tools.	<a href="#">Data Stream</a>
Cloudlets	Predefined edge applications for redirects, load balancing, traffic control, and releases.	<a href="#">Rules Engine</a> / <a href="#">Applications</a> / <a href="#">Load Balancer</a> / <a href="#">Firewall</a>

# Akamai Configuration

Akamai migrations often involve delivery properties, Cloudlets, edge functions, API protection, DNS, traffic steering, data services, and observability streams.

Use this quick reference to decide which Azion capability should own each configuration area before planning application cutover or product consolidation.

## Akamai Configuration Quick Reference

Akamai Reference	Description	Azion Equivalent
Property and delivery configuration	Website, application, API, media, and download delivery behavior.	<a href="#">Applications</a> / <a href="#">Cache</a> / <a href="#">Application Accelerator</a>
Cloudlets and policy logic	Predefined edge applications for redirects, traffic control, load balancing, releases, and URL handling.	<a href="#">Rules Engine</a> / <a href="#">Applications</a> / <a href="#">Load Balancer</a>
EdgeWorkers and Akamai Functions	Edge code and distributed serverless execution.	<a href="#">Functions</a>
EdgeKV	Distributed key-value data for edge applications.	<a href="#">KV Store</a>
Security policies	Application, API, bot, DDoS, AI, account, and content protection controls.	<a href="#">Firewall</a> / <a href="#">Web Application Firewall</a> / <a href="#">DDoS Protection</a> / <a href="#">Bot Manager</a>
DNS and traffic steering	Authoritative DNS, DNS management, and intelligent traffic distribution.	<a href="#">Edge DNS</a> / <a href="#">Load Balancer</a>
Observability streams	Metrics, events, real-user monitoring, and low-latency data feeds.	<a href="#">Real-Time Metrics</a> / <a href="#">Real-Time Events</a> / <a href="#">Data Stream</a> / <a href="#">Edge Pulse</a>
Storage and database services	Object storage, replicated origin storage, and managed relational databases.	<a href="#">Object Storage</a> / <a href="#">SQL Database</a>

# Build

Akamai Product	Description	Azion Equivalent
Akamai Inference Cloud	Distributed AI inference platform for running trained models closer to users with lower latency.	<a href="#">AI Inference</a>
Ion	Improve web performance, reliability, and user experience at scale.	<a href="#">Applications</a> / <a href="#">Application Accelerator</a> / <a href="#">Cache</a>
API Acceleration	Improve API performance and reliability at scale.	<a href="#">Application Accelerator</a> / <a href="#">Cache</a>
Adaptive Media Delivery	Deliver high-quality online video securely at large scale.	<a href="#">Applications</a> / <a href="#">Cache</a> / <a href="#">Object Storage</a>
Download Delivery	Optimized delivery for large files such as software, games, and media assets.	<a href="#">Applications</a> / <a href="#">Cache</a> / <a href="#">Object Storage</a>
Dedicated Delivery	Deliver broadcast-quality video while maximizing network efficiency.	<a href="#">Applications</a> / <a href="#">Cache</a> / <a href="#">Tiered Cache</a>
Image & Video Manager	Optimize images and videos intelligently for users across devices and networks.	<a href="#">Image Processor</a>
Media Services Live	Ingest and deliver live video globally with low-latency workflows.	<a href="#">Live Ingest</a> / <a href="#">Applications</a> / <a href="#">Cache</a>
Cloudlets	Predefined edge applications for use cases such as redirects, load balancing, traffic control, and releases.	<a href="#">Rules Engine</a> / <a href="#">Applications</a> / <a href="#">Load Balancer</a> / <a href="#">Firewall</a>
Cloud Wrapper	Private caching layer that improves origin offload and reduces cloud egress costs.	<a href="#">Tiered Cache</a> / <a href="#">Cache</a>
EdgeWorkers	Execute JavaScript functions at the edge to customize experiences and optimize delivery.	<a href="#">Functions</a>
Akamai Functions	Run modern applications and AI with distributed serverless WebAssembly functions.	<a href="#">Functions</a>
API Gateway	Register, manage, deliver, and secure APIs through Akamai edge platform.	<a href="#">Applications</a> / <a href="#">Rules Engine</a> / <a href="#">Functions</a> / <a href="#">Firewall</a>
App Platform	Build, deploy, and manage containerized applications on Kubernetes faster.	<a href="#">Orchestrator</a>

# Secure

Akamai Product	Description	Azion Equivalent
App & API Protector	Protect web applications and APIs against vulnerabilities, abuse, and distributed threats.	<a href="#">Firewall</a> / <a href="#">Web Application Firewall</a> / <a href="#">DDoS Protection</a> / <a href="#">Bot Manager</a>
Firewall for AI	Adaptive, multicloud-ready protection for LLM and AI-driven applications.	<a href="#">Firewall</a> / <a href="#">AI Inference</a>
API Security	Discover, monitor, and audit API activity with analytics to respond to misuse and threats.	<a href="#">Firewall</a> / <a href="#">Web Application Firewall</a> / <a href="#">Applications</a>
Bot Manager	Detect and mitigate sophisticated bad bots while allowing legitimate automation.	<a href="#">Bot Manager</a>
Account Protector	Protect user accounts against online abuse across the account lifecycle.	<a href="#">Bot Manager</a> / <a href="#">Firewall</a>
Content Protector	Protect digital content from scraping, theft, and abusive automated access.	<a href="#">Bot Manager</a> / <a href="#">Firewall</a> / <a href="#">Rules Engine</a>
Input Validation Cloudlet	Strengthen web forms against brute-force and behavioral attacks.	<a href="#">Firewall</a> / <a href="#">Rules Engine</a>
Request Control Cloudlet	Provide fast access control for web applications at the edge.	<a href="#">Firewall</a> / <a href="#">Rules Engine</a>
Cloud Firewall	Secure cloud networks with rules that allow traffic only on selected ports and protocols.	<a href="#">Network Shield</a> / <a href="#">Firewall</a>
Prolexic Solutions	DDoS protection for infrastructure, cloud, hybrid, and on-prem environments.	<a href="#">DDoS Protection</a> / <a href="#">Network Shield</a>

# Rules, DNS & Load Balancing

Akamai Product	Description	Azion Equivalent
Forward Rewrite Cloudlet	Rewrite clean or semantic URLs at the Akamai edge.	<a href="#">Rules Engine</a>
Phased Release Cloudlet	Roll out code changes gradually with rollback support.	<a href="#">Rules Engine / Applications</a>
API Prioritization Cloudlet	Prioritize traffic for API-driven mobile or single-page applications.	<a href="#">Rules Engine / Application Accelerator</a>
Application Load Balancer Cloudlet	Provide fast, reliable application load balancing for performance and availability.	<a href="#">Load Balancer</a>
Audience Segmentation Cloudlet	Split traffic with cookies for A/B testing and session stickiness.	<a href="#">Rules Engine / Applications</a>
Edge Redirector Cloudlet	Manage and offload high volumes of URL redirects to the Akamai platform.	<a href="#">Rules Engine / Applications</a>
NodeBalancers	Layer 4 and Layer 7 HTTP regional load balancing for compute instances.	<a href="#">Load Balancer</a>
DNS Infrastructure	Smart DNS services for service providers to improve subscriber experience and reduce operational cost.	<a href="#">Edge DNS</a>
Edge DNS	Highly available and secure DNS for on-prem, cloud, and hybrid DNS environments.	<a href="#">Edge DNS</a>
Global Traffic Management	Intelligent load balancing for performance optimization and outage avoidance.	<a href="#">Load Balancer / Edge DNS</a>
DNS Manager	Cloud Manager interface for managing and overseeing DNS records.	<a href="#">Edge DNS</a>

# Store

Akamai Product	Description	Azion Equivalent
EdgeKV	Distributed key-value store for data-driven EdgeWorkers applications.	<a href="#">KV Store</a>
NetStorage	Secure replicated storage for serving content from the nearest geographic region.	<a href="#">Object Storage</a>
Object Storage	Durable, cost-effective object storage for highly available data and distribution use cases.	<a href="#">Object Storage</a>
Managed Databases	Fully managed MySQL and PostgreSQL database clusters for production workloads.	<a href="#">SQL Database</a>

Use this page to inventory replicated content storage, object storage, key-value data, and managed database dependencies before selecting the Azion storage service for each workload.

# Observe

Akamai Product	Description	Azion Equivalent
Akamai TrafficPeak	End-to-end observability for operations and information security at edge scale.	<a href="#">Real-Time Metrics</a> / <a href="#">Real-Time Events</a> / <a href="#">Data Stream</a>
DataStream	Low-latency data feed for visibility and ingestion into third-party monitoring tools.	<a href="#">Data Stream</a>
mPulse	Real-user monitoring and analytics for measuring digital experience and business impact.	<a href="#">Edge Pulse</a> / <a href="#">Real-Time Metrics</a>

Before cutover, compare Akamai data feeds, RUM dashboards, monitoring workflows, alert thresholds, and operational visibility requirements with the Azion observability plan.

## Recommended Migration Flow

1

### Inventory Akamai services

List delivery properties, Cloudlets, security products, DNS zones, traffic policies, storage services, EdgeWorkers, observability streams, and API workflows.

2

### Map delivery and acceleration

Translate Ion, API Acceleration, media delivery, downloads, Cloud Wrapper, Image & Video Manager, and API Gateway patterns into Azion Build products.

3

### Rebuild rules and edge logic

Map Cloudlets, EdgeWorkers, Akamai Functions, load balancing, redirects, phased releases, and traffic segmentation to Rules Engine, Functions, Applications, and Load Balancer.

4

### Recreate security controls

Map application, API, AI, bot, account, content, cloud firewall, and DDoS protection controls to Azion secure products and implementation policies.

5

### Validate data, DNS, and observe

Rebuild key-value, object, database, DNS, traffic management, metrics, events, RUM, and data stream workflows using the corresponding Azion services.

6

### Cut over gradually

Validate certificates, test representative domains, compare behavior, monitor production traffic, and keep rollback steps documented until Akamai traffic is fully drained.

# Ready to Move to Azion?

Azion helps teams evaluate and migrate from Akamai with a phased approach across Build, Secure, Store, Observe, DNS, traffic management, and edge compute workstreams.

Start with one representative application or domain, validate behavior on Azion, then expand to additional delivery, security, storage, DNS, API, and observability workloads.

**Start small, validate fast, expand with confidence.**

Choose one production-like Akamai service, recreate its delivery and security behavior in Azion, validate observability, then use the same migration pattern for the remaining services.

START FREE

## Explore Azion Platform

Build

Secure

Store

Observe