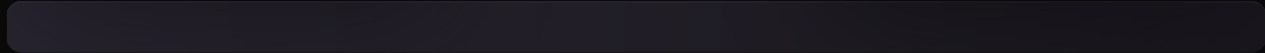
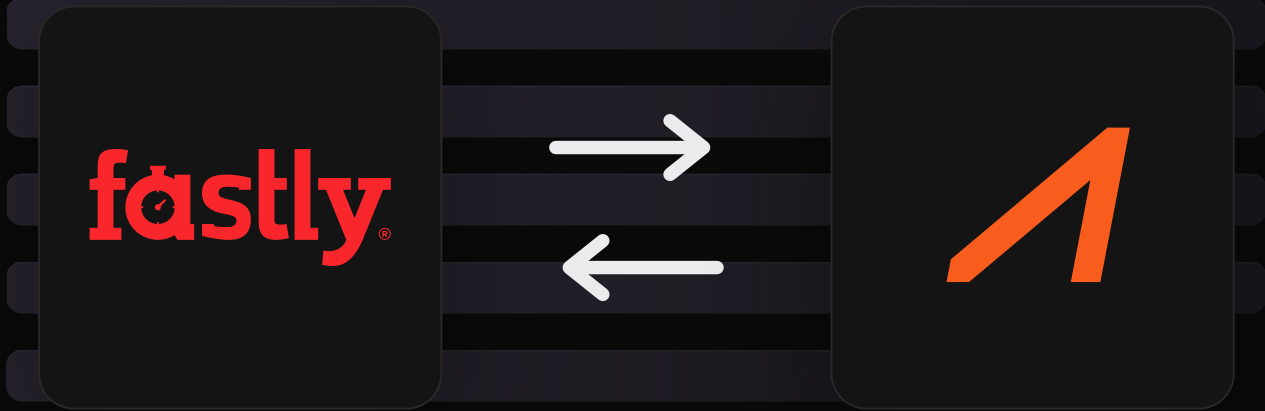




MIGRATION GUIDE

Migrate from Fastly to Azion



Fastly to Azion Product and Feature Mapping

The first step in considering a migration is to understand how Fastly services map to Azion's Build, Secure, Store, and Observe capabilities.

This cheat sheet gives migration implementers a practical starting point for translating Fastly terminology into Azion's Web Platform categories.

Basic Fastly Terminology

| Fastly Terminology | Description | Azion Equivalent |
|---------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|
| Full-Site Delivery | Accelerate websites and mobile applications by delivering content closer to users. | Applications |
| Compute | Serverless edge compute platform that runs custom code at Fastly's edge. | Functions |
| Edge Data Storage | Store key-value data at the edge for Compute services. | KV Store |
| Fastly Next-Gen WAF | Web application firewall that monitors suspicious traffic and protects applications. | Web Application Firewall |
| High Volume Logging | Real-time log streaming features for tuning service performance. | Data Stream |
| Domain Inspector | Real-time and historical reporting for domain-level traffic visibility. | Real-Time Metrics |
| Platform TLS | Programmatically manage TLS certificates and keys using a web API. | Certificate Manager / Azion API |

Fastly Configuration

Fastly migrations often involve delivery services, cache controls, Compute code, edge data, TLS automation, logging pipelines, and security policies.

Use this quick reference to decide which Azion capability should own each configuration area before rewriting rules, edge logic, logging destinations, or domain cutover steps.

Fastly Configuration Quick Reference

| Fastly Reference | Description | Azion Equivalent |
|------------------------------------|---------------------------------------------------------------|------------------------------------------------------------|
| Full-Site Delivery services | Website, application, and API delivery configuration. | Applications |
| Cache Reservation / Cache APIs | Cache allocation and programmatic cache interaction patterns. | Cache / Tiered Cache |
| Compute services | Serverless edge code executed near users. | Functions |
| Edge Data Storage | Key-value data used by edge applications. | KV Store |
| Platform TLS / TLS Service Options | TLS certificate and HTTPS service configuration. | Certificate Manager / Azion API |
| High Volume Logging | Streaming logs to downstream observability destinations. | Data Stream |
| Domain and Origin Inspector | Traffic, origin, security, and performance visibility. | Real-Time Metrics |
| WAF, DDoS, bot, and rate controls | Security controls that protect applications and APIs. | Firewall + DDoS Protection |

Build

| Fastly Product | Description | Azion Equivalent |
|-----------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Cache Reservation | Reserve cache space at Fastly's edge specifically for your content. | Cache / Tiered Cache |
| Full-Site Delivery | Accelerate websites and mobile applications by delivering content closer to users. | Applications |
| Streaming Delivery | Scale delivery of streaming content independently from other HTTP delivery traffic. | Applications / Cache / Object Storage |
| Image Optimizer | Real-time image transformation and optimization service. | Image Processor |
| Media Shield for Live | Reduce origin traffic for live video by consolidating requests from multiple CDNs. | Tiered Cache |
| Media Shield for VOD | Reduce origin traffic for video-on-demand workflows by consolidating CDN requests. | Tiered Cache |
| WebSockets | Use WebSocket protocol for long-lived, two-way interactive communication. | Functions / Applications WebSocket support |
| Compute | Serverless edge compute platform that compiles custom code to WebAssembly and runs it at Fastly's edge. | Functions |
| Cache APIs | APIs for building Compute applications using Fastly's global cache network. | Functions + Cache |
| AI Accelerator | Semantic caching solution for generative AI and LLM APIs. | AI Inference |
| Fanout | Publish-subscribe message broker operating at the Fastly edge. | Functions / WebSocket support |

Secure

| Fastly Product | Description | Azion Equivalent |
|------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Bot Management | Identify bot traffic and respond to automated activity. | Bot Manager |
| Certainly | Fastly's publicly trusted certificate authority for TLS certificates. | Certificate Manager |
| Edge Rate Limiting | Count client requests and optionally penalize clients that exceed configured limits. | Firewall |
| Fastly DDoS Protection | Real-time visibility and defense against common DDoS attacks. | DDoS Protection |
| Fastly Next-Gen WAF | Web application firewall that monitors suspicious traffic and protects applications in real time. | Web Application Firewall |
| Platform TLS | Programmatically manage TLS certificates and keys using a web API. | Certificate Manager / Azion API |
| TLS Service Options | TLS services for serving websites and applications over HTTPS. | Certificate Manager |

Store

| Fastly Product | Description | Azion Equivalent |
|-------------------|-----------------------------------------------------------------------------------|--------------------------------|
| Object Storage | S3-compatible large object storage integrated with delivery and compute services. | Object Storage |
| Edge Data Storage | Store key-value data at the edge in versionless containers for Compute services. | KV Store |

Use this page to inventory object storage dependencies and edge key-value data access paths before moving implementation details into Azion Object Storage and KV Store.

Observe

| Fastly Product | Description | Azion Equivalent |
|-------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Domain Inspector | Real-time and historical reporting for domain-level traffic visibility. | Real-Time Metrics |
| High Volume Logging | Real-time log streaming features for tuning Fastly service performance at high volume. | Data Stream |
| Log Explorer & Insights | Store, inspect, and monitor log data on the Fastly Platform. | Real-Time Events |
| Observability Features | Monitoring features for traffic, security, and performance visibility. | Real-Time Metrics / Real-Time Events / Data Stream |
| Origin Inspector | Real-time and historical visibility into origin responses. | Real-Time Metrics |

Before cutover, compare Fastly log fields, dashboard dependencies, alert thresholds, and external streaming destinations with the Azion observability plan.

Recommended Migration Flow

1 Inventory Fastly services

List delivery services, domains, origins, cache controls, Compute applications, edge data stores, TLS assets, logging endpoints, WAF policies, and observability workflows.

2 Map Build services

Translate delivery, cache, media, image, Compute, Cache APIs, AI Accelerator, WebSockets, and Fanout patterns into Azion Build products.

3 Port Store dependencies

Review Object Storage and Edge Data Storage usage. Rebuild supported data paths with Object Storage and KV Store before production traffic moves.

4 Recreate Secure controls

Map WAF, bot controls, DDoS protection, rate limiting, and TLS workflows to Azion Secure products and implementation policies.

5 Validate Observe workflows

Rebuild log streaming, dashboards, event queries, metrics views, and origin or domain reporting using Data Stream, Real-Time Events, and Real-Time Metrics.

6 Cut over domains gradually

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

Ready to Move to Azion?

Azion helps teams migrate from Fastly with a phased approach organized around Build, Secure, Store, and Observe workstreams.

Start with one representative service, validate behavior on Azion, then expand to additional domains, edge logic, cache policies, data services, security rules, and logging workflows.

Start small, validate fast, expand with confidence.

Choose one production-like Fastly 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