AZION

MIGRATION GUIDE

Fastly Alternative: Move 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**