



Akamai Edge Security & Network Resilience Platform

Service Definition Document

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01. Akamai Edge Security & Network Resilience Platform

Akamai Edge Security & Network Resilience Platform provides infrastructure software services that strengthen internet availability and routing resilience. It combines DNS capabilities, traffic management and steering, and DDoS mitigation to help keep services reachable and performant. Buyers utilise policy-driven controls to distribute traffic, absorb attacks, maintain uptime, and facilitate rapid failover across regions and environments, thereby reducing the operational impact of outages and disruptions.

02 Service Benefit & Features

Features

- Authoritative DNS hosting and routing controls
- DDoS mitigation for network attacks
- Traffic steering and policy-based routing to healthy origins
- Global load distribution and resilience configuration
- Health checks and automated failover workflows
- Edge-based performance and availability optimisation options
- Centralised visibility, analytics, and operational reporting
- Integration with monitoring/incident management processes
- Configuration options for multi-environment (hybrid/multi-cloud)

Benefits

- Improves service continuity during incidents and attacks
- Reduces downtime through automated failover and steering
- Minimises the impact of DDoS on critical public services
- Enhances resilience for peak demand and surge events
- Simplifies routing operations with policy-driven controls
- Increases performance and user experience consistency
- Supports multi-cloud and hybrid resilience strategies
- Improves operational insight and troubleshooting
- Reduces the risk of single points of failure
- Strengthens DNS and edge posture as core infrastructure



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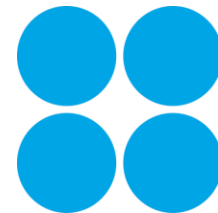
UK Government



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Layered solutions for smarter approaches to accelerate

Akamai solutions layer together to secure and modernize agency environments based on your priorities

Software-defined Microsegmentation: Visualize and micro-segment entire agency estates

Web App and API Protector: Accelerate and secure entire agency web app and API environments

Secure Internet Access: Dynamically apply least-privilege remote access from any location

Multi-Factor Authentication: Deploy FIDO2, phish-proof MFA

Secure Internet Access: Defend mission-critical environments and services at the edge

EdgeWorker/EdgeKV: Rapidly build and deploy microservices directly on Akamai's secure edge

Edge DNS: Ensure always available, fast, resilient content delivery

