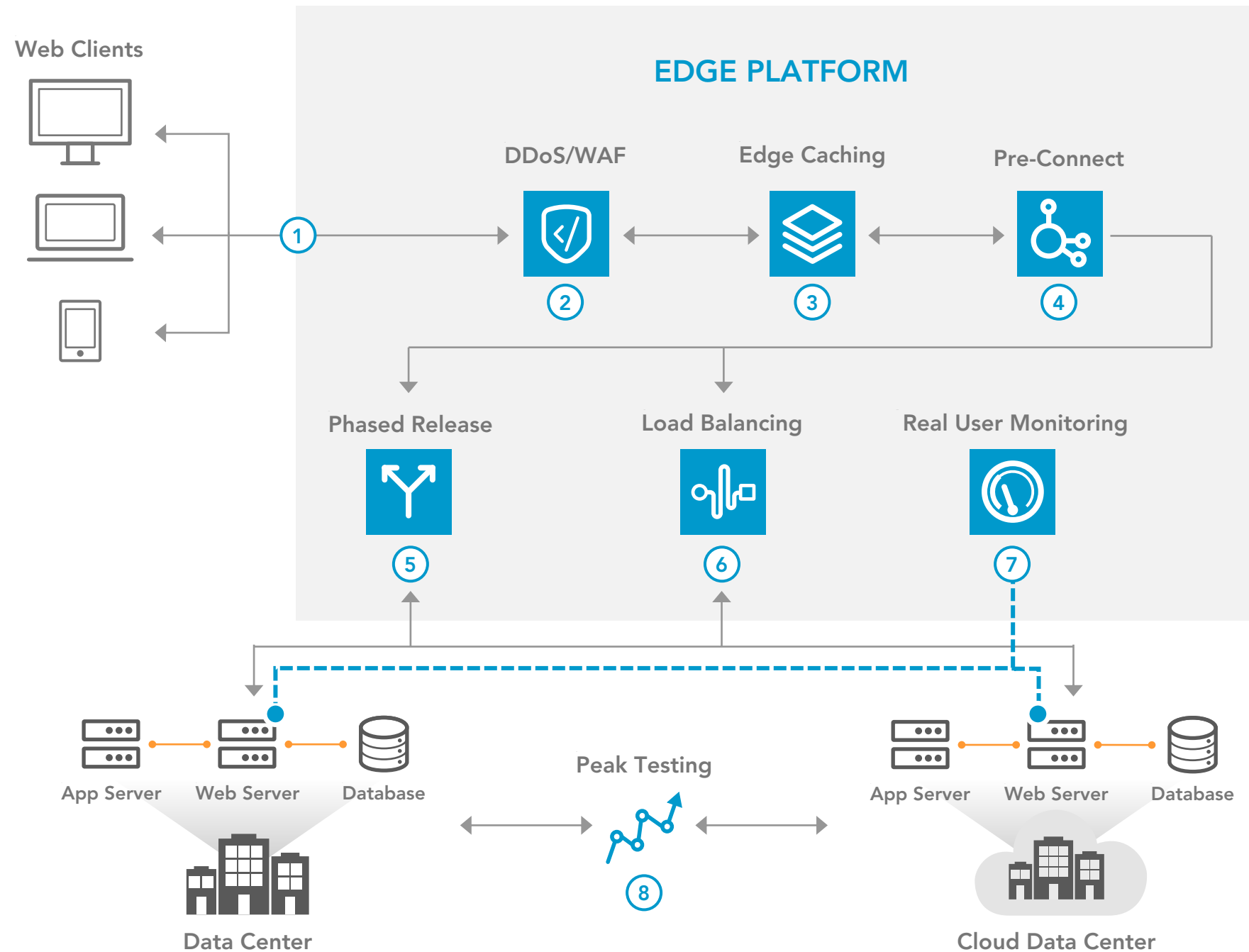


# HYBRID CLOUD

## Reference Architecture



## OVERVIEW

The Akamai Intelligent Edge Platform helps you maintain a secure, high-performance experience for your users through the transition to the cloud so you can migrate at the pace that makes most sense for your business and operational goals.

- 1 Web clients access web application through the Akamai Intelligent Edge Platform.
- 2 Edge servers automatically block DDoS attacks and inspect for malicious threats like SQL injections, XSS, and RFI.
- 3 Serving content from cache mitigates complexity from multiple back-end environments and reduces cloud bandwidth costs.
- 4 Pre-connect scans page and establishes connections to on-premises and cloud-based resources before they are needed.
- 5 Phased release manages how and when to shift traffic from an on-premises data center to a cloud provider.
- 6 Load balancing directs client traffic to the optimal origin, whether it's your data center or a cloud provider.
- 7 Real user monitoring helps identify granular performance issues across a complex heterogeneous application environment.
- 8 Peak testing simulates traffic at peak scale with real-world conditions to test scalability of cloud infrastructure.

## KEY PRODUCTS

- DDoS/WAF ▶ Kona Site Defender or Web Application Protector
- Edge caching and pre-connect ▶ Ion
- Phased release ▶ Phased Release Cloudlet
- Load balancing ▶ Application Load Balancer Cloudlet or Global Traffic Management
- Real user monitoring ▶ mPulse
- Peak testing ▶ CloudTest