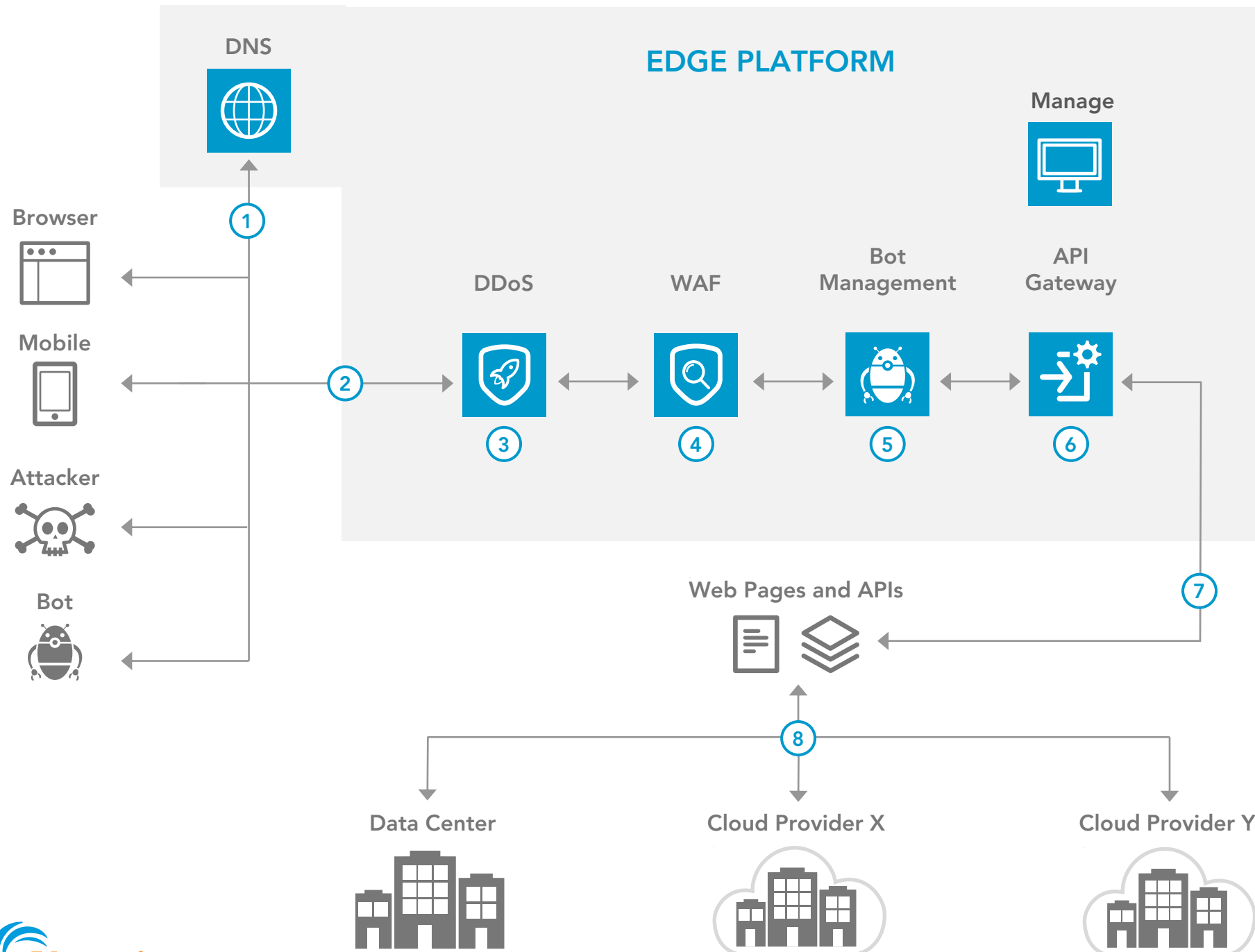


# SECURING MULTI-CLOUD

## Reference Architecture



## OVERVIEW

The Akamai Intelligent Edge platform lets you turn a multi-cloud environment into a secure, consistent user experience. With a single set of security controls, you can maintain a consistent posture, and scale staff and resources to meet the demands of the business.

- 1 Clients perform a DNS lookup against Akamai's DNS service, which has the scale to protect against even the largest DDoS attacks.
- 2 User accesses web application through the Akamai Intelligent Edge Platform.
- 3 Edge servers automatically drop network-layer DDoS attacks and respond to application-layer DDoS attacks within seconds.
- 4 Web application firewall inspects web requests and blocks malicious threats like SQL injections, XSS, and RFI.
- 5 Bot management identifies and manages bot traffic with a variety of advanced and conditional actions.
- 6 API gateway governs API traffic by authenticating, authorizing, and controlling requests from API consumers like mobile apps.
- 7 Akamai Intelligent Edge Platform routes legitimate browser and mobile (and specified bot) traffic to the web application.
- 8 Web applications can be deployed in any combination of on-premises or cloud data centers, from one or multiple providers.

## KEY PRODUCTS

- DNS ▶ Fast DNS
- DDoS ▶ Kona Site Defender or Web Application Protector
- WAF ▶ Kona Site Defender or Web Application Protector
- API protection ▶ Kona Site Defender or Web Application Protector
- Bot management ▶ Bot Manager
- API governance ▶ API Gateway