CORPORATE APPLICATION MODERNIZATION

Reference Architecture

Data Center

IaaS Provider X

SaaS Provider Y

EDGE PLATFORM

Manage

7

Browser

Client

Attacker

1

DDoS/ WAF

2

Identity

3

App Access

4

App Acceleration

5

Corporate Apps

6
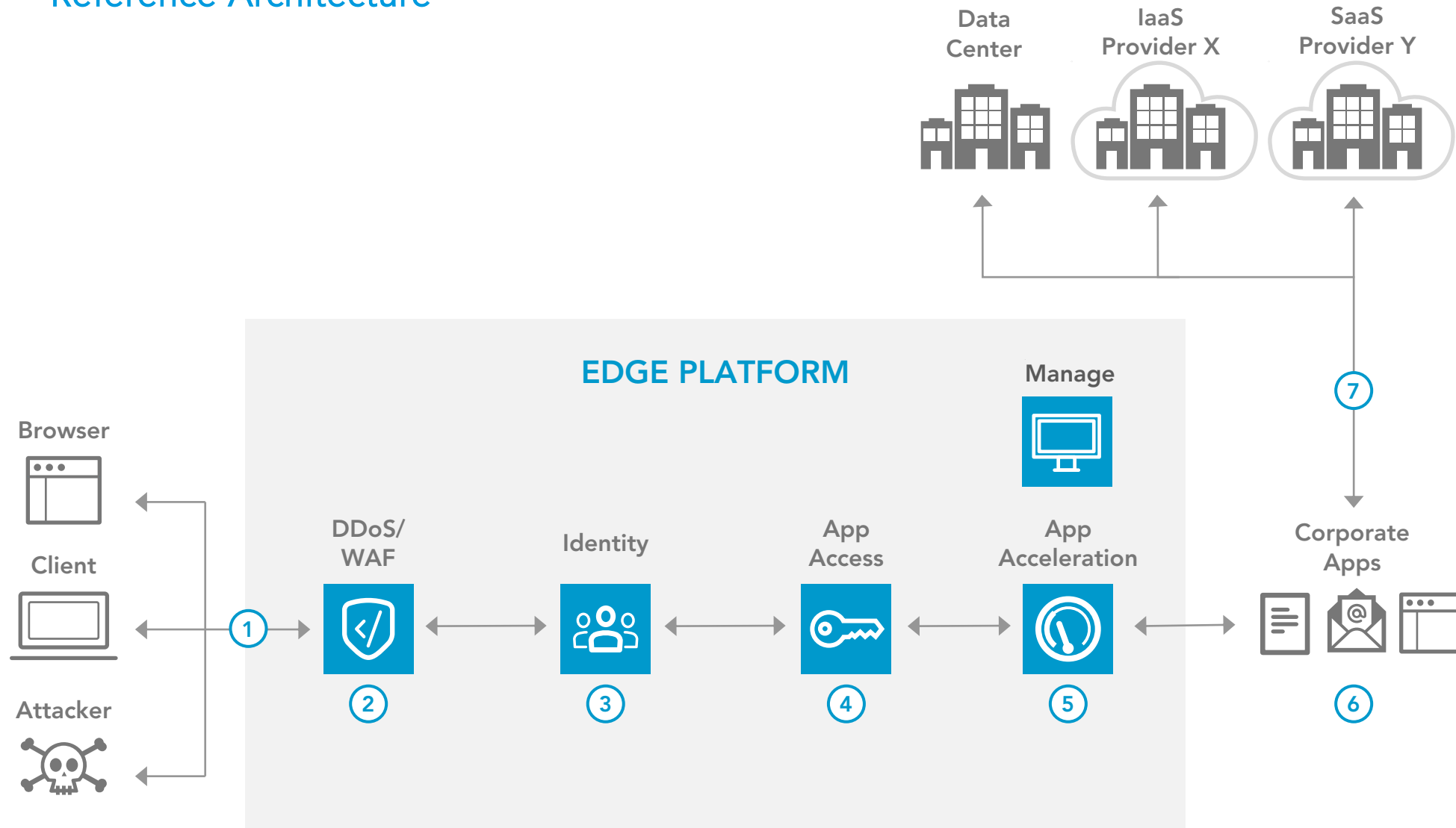
OVERVIEW

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

1. User accesses corporate application through the Akamai Intelligent Edge Platform.

2. Edge servers automatically drop network-layer DDoS attacks and inspect web requests to block malicious threats like SQL injections, XSS, and RFI.

3. Identity of the user is established using on-premises, cloud-based, or Akamai identity stores.

4. Based on the user's identity and other signals, access is provided only to required applications and not to the entire corporate network.

5. Applications are accelerated through protocol and route optimization, and content can be served from cache to improve performance and reduce cloud bandwidth costs.

6. The Akamai Intelligent Edge Platform routes authorized and authenticated traffic to the relevant corporate applications.

7. Applications can reside in any combination of on-premises, IaaS, or SaaS data centers, from one or multiple providers.

KEY PRODUCTS

DDoS/WAF ► Kona Site Defender or Web Application Protector

Identity and application access ► Enterprise Application Access

Application acceleration ► Ion