

ZENEDGE

# Oracle Buys Zenedge

**Adds Leading Cloud-Based Network and Infrastructure Security Capabilities to Protect Enterprises from Today's Complex Digital Threats**

March 5, 2018

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Oracle is currently reviewing the existing Zenedge product roadmap and will be providing guidance to customers in accordance with Oracle's standard product communication policies. Any resulting features and timing of release of such features as determined by Oracle's review of Zenedge's product roadmap are at the sole discretion of Oracle. All product roadmap information, whether communicated by Zenedge or by Oracle, does not represent a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. It is intended for information purposes only, and may not be incorporated into any contract.

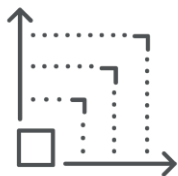
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This document contains certain forward-looking statements about Oracle and Zenedge, including statements that involve risks and uncertainties concerning Oracle's proposed acquisition of Zenedge, anticipated customer benefits and general business outlook. When used in this document, the words "anticipates", "can", "will", "look forward to", "expected" and similar expressions and any other statements that are not historical facts are intended to identify those assertions as forward-looking statements. Any such statement may be influenced by a variety of factors, many of which are beyond the control of Oracle or Zenedge, that could cause actual outcomes and results to be materially different from those projected, described, expressed or implied in this document due to a number of risks and uncertainties. Potential risks and uncertainties include, among others, the anticipated synergies of the combined companies may not be achieved after closing, the combined operations may not be successfully integrated in a timely manner, if at all, general economic conditions in regions in which either company does business may deteriorate and/or Oracle or Zenedge may be adversely affected by other economic, business, and/or competitive factors. Accordingly, no assurances can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what impact they will have on the results of operations or financial condition of Oracle or Zenedge. You are cautioned to not place undue reliance on forward-looking statements, which speak only as of the date of this document. Neither Oracle nor Zenedge is under any duty to update any of the information in this document.

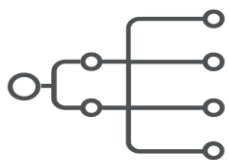
# The Announcement

- **Oracle buys Zenedge**
  - Adds leading cloud-based network and infrastructure security capabilities to protect enterprises from today's complex digital threats
- **About Zenedge**
  - Zenedge helps secure critical IT systems deployed via cloud, on-premise or hybrid hosting environments
  - Customers leverage Zenedge's Web Application Firewall (WAF) and Distributed Denial of Service (DDoS) mitigation products to secure their applications, networks, databases and APIs from malicious Internet traffic
  - Powered by artificial intelligence (AI), Zenedge's products and 24/7 virtual Security Operations Center (SOC) defend over 800,000 web properties and networks globally
- **The combination equips Oracle's enterprise-grade Cloud Infrastructure as a Service (Oracle Cloud Infrastructure) with integrated, next-generation WAF and DDoS capabilities**
  - Oracle delivers a comprehensive set of subscription-based cloud infrastructure services that enables businesses to run any workload in an enterprise-grade cloud managed, hosted and supported by Oracle
  - Zenedge expands Oracle Cloud Infrastructure and Oracle's Domain Name System (DNS) capabilities, adding innovative application and network protection that augments existing Oracle security services and partnerships
  - Together, Oracle and Zenedge will allow enterprises to adopt cloud services without compromising performance, cost, control or security through an expanded Oracle Cloud Infrastructure platform

# Modern Application Delivery + Evolving Threat Landscape Requires New Approach to Security



Web Application and Network Attacks are on the Rise



Complexity and Sophistication of Attacks and Attack Vectors are Increasing



Building an Internal Team with Global Expertise is Time and Resource Intensive

\$6  
Trillion

Annual Cost of Cybercrime Damages by 2021



- Complex Web Applications, Infrastructure and APIs Require Continuous Protection
- Static, Common Security Rule Sets No Longer Work

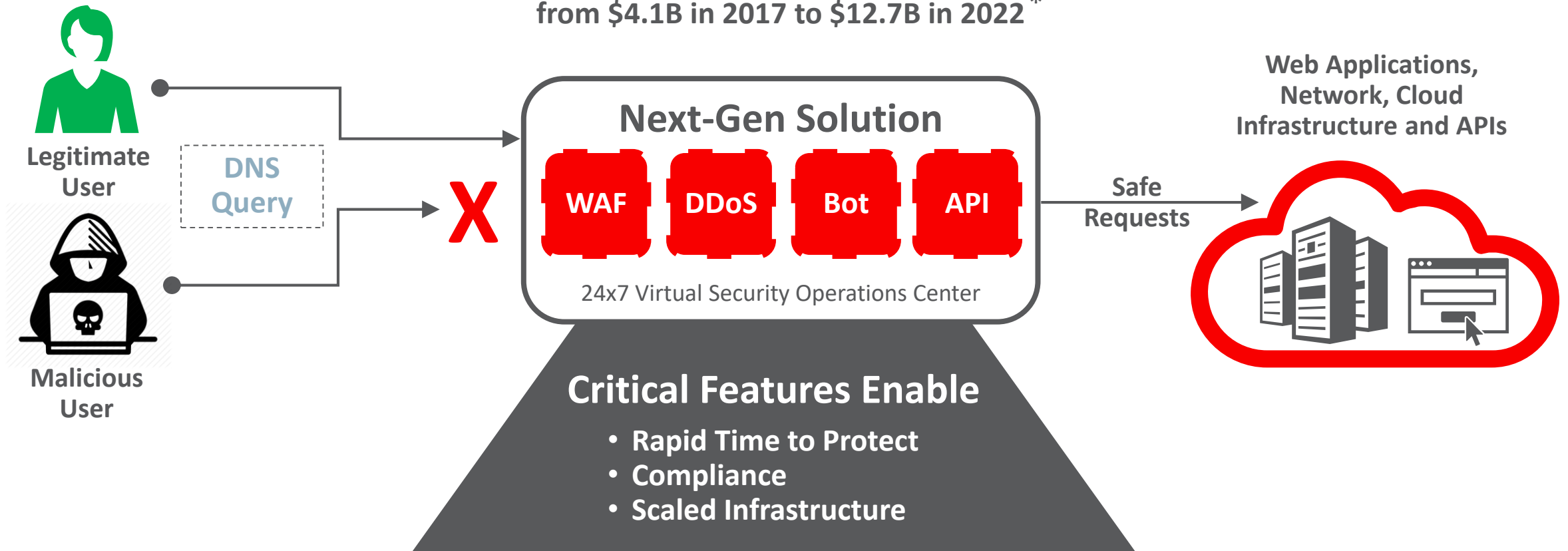
\* Source: 2017 Cybercrime Report, Cybersecurity Ventures



# Organizations Need Continuous Protection from a Network and Infrastructure Security Solution

## Cloud Security Market Anticipates Exponential Growth

from \$4.1B in 2017 to \$12.7B in 2022\*



\* Source: Markets and Markets, October 2017

# Zenedge Delivers Continuous Protection with Proven Web Application and Network Security

## Artificial Intelligence Provides Adaptive Response to Dynamically Evolving Threat Landscape

ZENEDGE

### Cloud-Based Offerings

- **WAF:** AI-driven web application firewall
- **DDoS:** Scalable, hardened protection and mitigation
- **Bot Manager:** Malicious bot detection and mitigation
- **API:** Advanced API security
- **Malware:** Attack payload detection for file uploads

24/7 Virtual Security Operations Center (SOC)

### Rapid Time to Protect

- Global cybersecurity experts on 24/7
- Rapid provisioning and application-specific policies
- Artificial Intelligence for continuous adaptability to evolving threats

### Compliance

- Integration into Security Information and Event Management (SIEM) and security reporting
- Pre-built rule-sets extended by adaptive automation
- Integrated single, interactive control center

### Scaled Infrastructure

- Globally deployed network
- Programmatic API interface for global propagation
- Worldwide traffic scrubbing centers

# Zenedge Prevents Malicious Bots from Scraping Competitive Data from Global Media Conglomerate Website



“We were dealing with an extremely high volume of bots, which were negatively impacting page load times, scraping pages and stealing competitive data, and we did not have a model to properly identify the illegitimate bot traffic.”

## Zenedge Delivered

ZENEDGE

99%

Reduction in  
Illicit Traffic

30%

Faster Page  
Loads

>99%

AI Model  
Accuracy



# Zenedge Stops Significant Business Disruption for Major Airline's Website



“Our company’s infrastructure was under constant attack, with malicious bots purchasing and cancelling tickets, making the inventory unavailable to real customers. We could not identify attack vectors and the subsequent illegitimate traffic overwhelmed our website.”

## Zenedge Delivered

ZENEDGE

**Bots  
Stopped  
Load Factor  
Increased**

**>1 Million  
Requests  
Flagged as  
Malicious Per Day**

**Non-Bot  
Traffic  
Prioritized  
First**



# Zenedge Secures Leading Hospitality Industry Website, Protecting it from Attacks and Improving Performance



“DDoS attacks slowed down our website before completely taking the site down. Without infrastructure security in place, a business critical system was left with extensive security exposure.”

## Zenedge Delivered

ZENEDGE

99.75%

Performance  
Improvement

24/7/365

Website  
Uptime

19,098

Attacks  
Prevented / Day

# Oracle + Zenedge: Enterprise-ready Infrastructure as a Service, with Integrated WAF and DDoS Services

## Next Generation Cloud Infrastructure



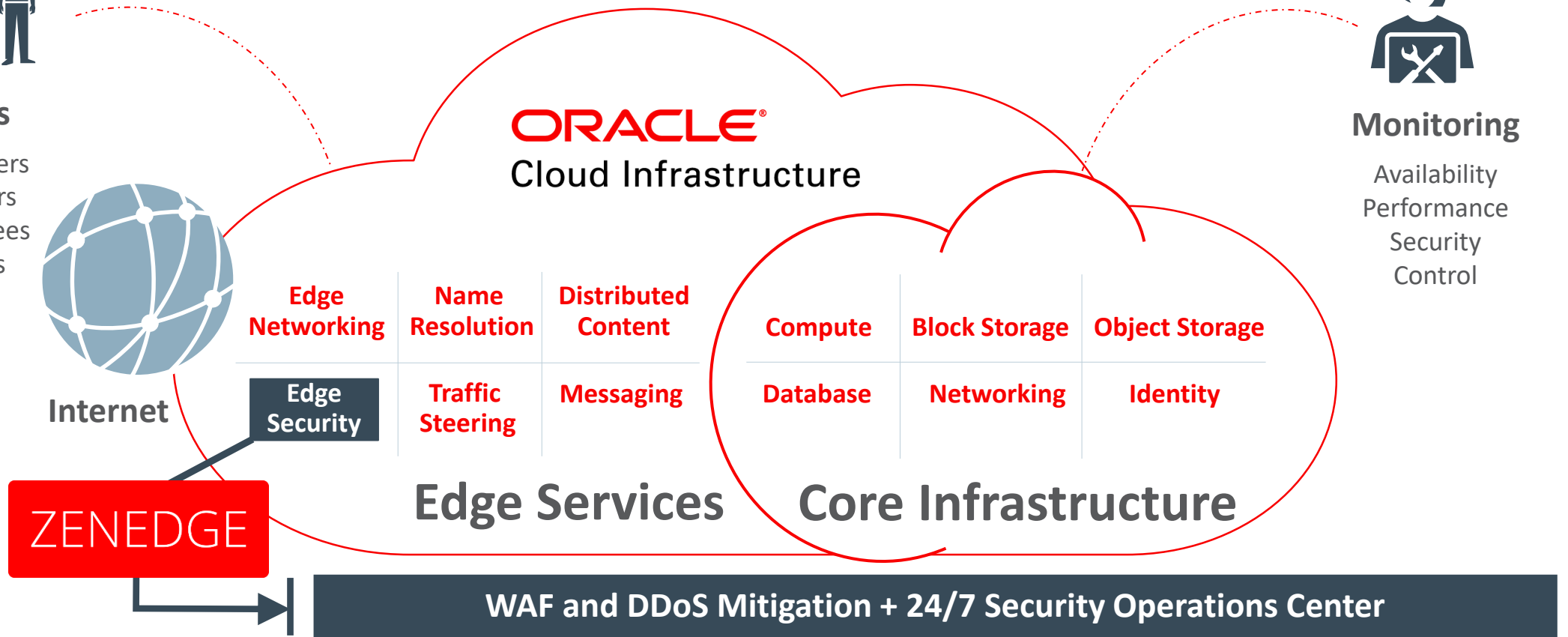
**Users**

Customers  
Partners  
Employees  
Things



**Monitoring**

Availability  
Performance  
Security  
Control



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