Oracle Buys Zenedge

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

March 5, 2018
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.

**Cautionary Statement Regarding Forward-Looking Statements**

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

Annual Cost of Cybercrime Damages by 2021: $6 Trillion

* Source: 2017 Cybercrime Report, Cybersecurity Ventures

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

Critical Features Enable
- Rapid Time to Protect
- Compliance
- Scaled Infrastructure

* 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

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

- **99%** Reduction in Illicit Traffic
- **30%** Faster Page Loads
- **>99%** AI Model Accuracy

Customer Information Provided by Zenedge
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

- Bots Stopped
- Load Factor Increased
- >1 Million Requests Flagged as Malicious Per Day
- Non-Bot Traffic Prioritized First

Customer Information Provided by Zenedge
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

99.75% Performance Improvement
24/7/365 Website Uptime
19,098 Attacks Prevented / Day

Customer Information Provided by Zenedge
Oracle + Zenedge: Enterprise-ready Infrastructure as a Service, with Integrated WAF and DDoS Services

Next Generation Cloud Infrastructure

Cloud Infrastructure

Edge Networking | Name Resolution | Distributed Content
---|---|---
Edge Security | Traffic Steering | Messaging

Compute | Block Storage | Object Storage
---|---|---
Database | Networking | Identity

Core Infrastructure

Edge Services

WAF and DDoS Mitigation + 24/7 Security Operations Center

Monitoring

Availabilty Performance Security Control

Users

Customers Partners Employees Things

Internet

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