



## **F5 Joins with Oracle** **to Offer Enhanced Security for** **Web-Based Database Applications**

***BIG-IP Application Security Manager and Oracle Database Firewall integration provides exceptional SQL injection protection for F5 customers and richer forensic information for Oracle customers***

F5 Networks, Inc., global leader in Application Delivery Networking (ADN), announced in February-2011 the integration between the F5® BIG-IP® Application Security Manager™ (ASM™) product and the Oracle Database Firewall. Building on F5's ability to help simplify database administration and accelerate database replication for Oracle customers, the integration provides improved SQL injection protection for F5 customers and correlated reporting for richer forensic information on SQL injection attacks for Oracle customers.

Additional Resources: <http://www.f5.com/news-press-events/press/2011/20110214a.html>

"F5 provides a suite of customizable technologies to support Oracle Database deployments," said Andy Bailey, SVP, Alliances & Channels at Oracle. "The integration of F5's BIG-IP Application Security Manager to the Oracle Database Firewall further shows how partners can differentiate their offerings by providing customers with value-added solutions based on Oracle products."

### **Details**

As enterprise customers deploy more web-based database applications, IT administrators continue to face the challenge of securing both application and database environments from threats such as SQL injection and cross-site scripting attacks. By using F5 and Oracle solutions together, customers can now benefit from enhanced protection for web-based database applications.

**Highlights** of F5 and Oracle solutions include:

#### **1. Improved SQL Injection Protection for F5 Customers**

Oracle Database Firewall, part of Oracle's comprehensive portfolio of database security solutions, monitors database traffic from applications to detect and block SQL injection, privilege or role escalation, and other external and internal attacks. It uses an innovative SQL grammar analysis approach that provides unprecedented accuracy and scalability. Using pre-defined policies, the Oracle Database Firewall will take the appropriate action, helping to eliminate time consuming and costly false positives. When the BIG-IP ASM detects a SQL injection attack, it notifies the Oracle Database Firewall of the threat.

#### **2. Correlated Reporting for Richer Forensic Information**

Leveraging F5's flexible iRules® capabilities, BIG-IP ASM sends information about web application user identity and session such as IP address, time, and more to the Oracle Database Firewall. When the Oracle Database Firewall is notified of a SQL injection attack by the BIG-IP ASM, it logs that event

using all the additional information about the identity of the user, their origin, and so forth, and correlates it with its own policy enforcement, enabling IT teams to better identify trends and react more quickly to an attack.

"We're excited to expand our relationship with Oracle to offer joint customers a solution that enhances web-based database application security," said Calvin Rowland, VP, Application Partner Programs at F5. "F5 solutions serve as strategic points of control, enabling customers to easily add security, optimization, and availability services as they scale their overall IT infrastructure. F5's efforts with Oracle help us extend the capabilities of our solutions and deliver enhanced value for joint customers."

"Web applications are quickly becoming the most common threat vector today's hackers look to exploit; applications like Facebook and Twitter get the most coverage, but there are thousands of web applications that are unprotected and represent a significant risk," said Jeff Wilson, Principal Analyst, Security at Infonetics Research. "While there are many products available that address web application security, solutions that tightly integrate database security are relatively few. With this announcement, F5 and Oracle are offering an innovative solution that provides significant benefits for joint customers." Availability

This F5 component of the solution is included with BIG-IP Application Security Manager at no additional fee. Customers can contact their Oracle representative for pricing on Oracle Database Firewall.

For more information on Oracle Database Firewall, please visit [www.oracle.com/technetwork/database/database-firewall/index.html](http://www.oracle.com/technetwork/database/database-firewall/index.html).

F5 is a Gold-level member of the Oracle PartnerNetwork.

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