

# CITRIX NETSCALER INTEGRATION WITH ORACLE E-BUSINESS SUITE R12



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*Building an intelligent application infrastructure designed to deliver highly manageable, secure and accelerated access to strategic, Web-based applications.*

## Company Overview

Citrix is the global leader and most trusted name in application delivery infrastructure. More than 180,000 organizations around the world use the Citrix Access Platform to provide the best access experience to any application for any user. Citrix customers include all of the Fortune 100 companies and 98% of the Fortune Global 500, as well as hundreds of thousands of small businesses and individuals.

## Integration Overview

The combination of the Citrix NetScaler Application Delivery System and Oracle E-Business Suite applications provide Oracle customers with a more powerful and efficient enterprise application environment. Oracle provides the applications that drive key business processes. The Citrix NetScaler Application Delivery System improves performance, strengthens security, and reduces the cost of implementing enterprise applications by transparently increasing the capacity, performance and security of existing application infrastructures. The true value of the Citrix NetScaler solution lies in efficiently orchestrating and optimizing the entire application delivery process.

The integration between Citrix NetScaler and Oracle E-Business Suite provides:

- Accelerated Application performance.
- Comprehensive application security.
- Increased application availability.
- Reduced Deployment and Operating costs.



Through the Oracle PartnerNetwork Applications Integration Initiative, partners with validated integrations are able to provide customers with standards-based product integrations, tested and validated by Oracle. Customers benefit from improved risk management and smoother upgrade capability, leading to a lower total cost of ownership and greater overall satisfaction.

## Integration Details

The integration between Citrix NetScaler Application Delivery System and Oracle E-Business Suite provides an organization with the following features:

### Switching

Application-layer switching capabilities provide application content distribution among multiple application servers, ensuring increased application performance with fail-over support for business continuity in an Oracle E-Business Suite environment. Request Switching ensures even traffic distribution irrespective of individual user

demands. Global Server Load Balancing (GSLB) provides geographic and network proximity-based content distribution, ensuring remote users are transparently switched to localized content for their specific region, or proximity switched to a local resource for optimal performance.

### **Optimization**

TCP offload reduces the number of client connections each application server has to deal with while optimizing server responses by moving the overhead of highly inefficient connection processing from each back-end server to the Citrix NetScaler appliance. The result is a server that can support an increased number of application users, extending the life of existing hardware investment, while delivering application content with much better performance.

TCP/IP multiplexing and connection management (Citrix® Request Switching®) dramatically reduces the number of TCP connections each Oracle server is required to manage, allowing organizations to reduce their server infrastructure or serve a significantly larger number of clients, depending on need. This is accomplished with Citrix Request Switching technology, which optimizes the use of standard Internet protocols, by multiplexing requests from millions of users to a few servers via persistent connections between clients and servers.

Web Compression (AppCompress™) improves performance by reducing the amount of data sent from Web servers to browsers. Redundant data is removed from messages sent to clients, and then compression software that is built into virtually all Web browsers re-creates the data exactly as it was created by the server. This makes Web compression transparent to all Web-facing applications.

Multi-protocol Compression (AppCompress MPT™) is similar to Web compression except that it extends the performance gains to include all application protocols involved with the transportation of application data (SQLNet, JDBC, SOAP, TCP, etc.). This is accomplished via dynamic delivery of a small transparent applet when the user session is established.

Application Data Caching (AppCache™) improves performance by retaining frequently accessed transaction data and serving it in response to repeated requests from the client rather than application servers. This accelerates response times and also reduces the load on Web, middleware and database servers.

### **Security**

The Citrix NetScaler solution provides an integrated set of security features for delivering Oracle E-Business Suite applications and environment. The integration of these capabilities in a single solution eliminates the security holes that can occur when attempting to solve security problems by deploying multiple point products.

High-capacity SSL encryption moves the computing-intensive processing associated with industry standard SSL encryption from the server to the Citrix NetScaler solution. This frees up server capacity, speeds up SSL processing, and enables the Citrix NetScaler solution to provide application-layer security to encrypted data streams.

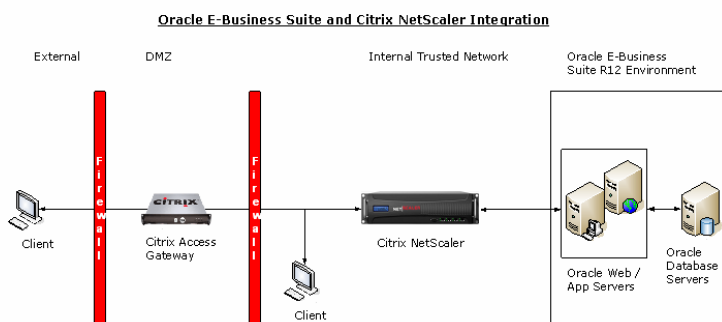
### **Availability**

For more information on Citrix NetScaler and the integration with Oracle E-Business Suite applications, please contact a Citrix representative at 800-393-1888 or visit the Citrix website at [www.citrix.com/oracle](http://www.citrix.com/oracle).

### **Support**

For information on our support offerings, please call your Citrix representative at 800-393-1888 or visit the Citrix website at [www.citrix.com/support](http://www.citrix.com/support).

Unique application-layer DDoS defense capabilities continue service to legitimate users while identifying and blocking requests associated with flood attacks.



## Environment

### *Citrix Environment*

Citrix NetScaler Switch 6.1

### *Oracle E-Business Suite Environment*

Oracle E-Business Suite Release 12.0

Oracle Database 10.2.0.2.0

For additional information about partnering with Oracle, please contact us at [opninfo\\_us@oracle.com](mailto:opninfo_us@oracle.com) or visit us at [www.partners.oracle.com](http://www.partners.oracle.com).



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