BROCADE AND ORACLE FMW SOA 11G SOLUTIONS

APPLICATION DELIVERY

Ensuring Highly Available and Scalable Business Applications with Oracle FMW SOA Suite 11g

HIGHLIGHTS

- Brocade® ServerIron® ADX has been validated with Oracle Fusion Middleware (FMW) SOA Suite 11g to deliver scalability and resiliency, ensuring the highest availability of business application services.
- Oracle FMW SOA Suite 11g combines real-time event processing at extreme throughputs with the industry's most scalable Application Grid to provide performance and reliability.
- A unified infrastructure for events and services, and cross-application end-to-end instance tracking helps provide integrated governance and security.

Service-Oriented Architecture (SOA) adoption has resulted in the increased service-enabling of IT systems. Now, Brocade® and Oracle offer a complete solution for the rapid deployment of business applications on an SOA foundation.

Oracle Fusion Middleware (FMW) SOA Suite 11g provides a complete set of infrastructure components for designing, deploying, managing and orchestrating services into SOA composite applications. To achieve enterprise IT objectives of cost reduction, greater efficiency, and increased visibility, services must be quickly assembled into modular and flexible business applications. Oracle FMW SOA Suite 11g supports these objectives with a services infrastructure that includes Web servers, application servers, content management systems, and related tools for application development and delivery, to enable rapid deployment of intelligent, distributed business applications.

Figure 1.
ServerIron ADX with Oracle FMW SOA Suite 11g is a key enabler for the rapid deployment of scalable, highly available and secure business applications.

EXTREME PERFORMANCE, HIGH AVAILABILITY AND SCALABILITY

Brocade ServerIron ADX application delivery controllers distribute incoming requests to Oracle FMW SOA Suite 11g, enhancing an already extensive set of high availability, scalability, security and performance features to protect FMW components and applications from planned or unplanned down time.

Brocade ServerIron ADX provides a single entry point to SOA functionality allowing the configuration of additional security enhancements for enterprise deployments. These deployments follow Oracle best practices 'blueprints', based on proven Oracle high-availability and security technologies and recommendations for Oracle Fusion Middleware. The best practices described in these blueprints span all Oracle products across the entire technology stack: Oracle Database, Oracle Fusion Middleware, Oracle Applications, Oracle Collaboration Suite, Oracle VM, and Fusion Middleware Control.

Oracle Enterprise Deployments of Oracle Fusion Middleware SOA Suite with ServerIron ADX are expected to be the most common and optimum configurations for security, scalability and availability, and have passed the set of basic validations defined in the Oracle Fusion Middleware Enterprise Deployment Guide for Oracle SOA Suite.

ORACLE® BROCADE

ABOUT ORACLE

Oracle provides the world's most complete, open, and integrated business software and hardware systems, with more than 370,000 customers—including 100 of the Fortune 100—representing a variety of sizes and industries in more than 145 countries around the globe. Oracle's product strategy provides flexibility and choice to customers across their IT infrastructure. Now, with Sun server, storage, operating-system, and virtualization technology, Oracle is the only vendor able to offer a complete technology stack in which every layer is integrated to work together as a single system. In addition, Oracle's open architecture and multiple operating-system options gives customers unmatched benefits from industry-leading products, including excellent system availability, scalability, energy efficiency, powerful performance, and low total cost of ownership.

To learn more, visit www.oracle.com

ABOUT BROCADE

From enterprise data centers to the service provider core, Brocade develops extraordinary networking solutions that connect the world's most important information. Delivered directly and through global partners, these solutions help today's data-intensive organizations operate more efficiently and maximize the business value of their data.

To learn more, visit www.brocade.com

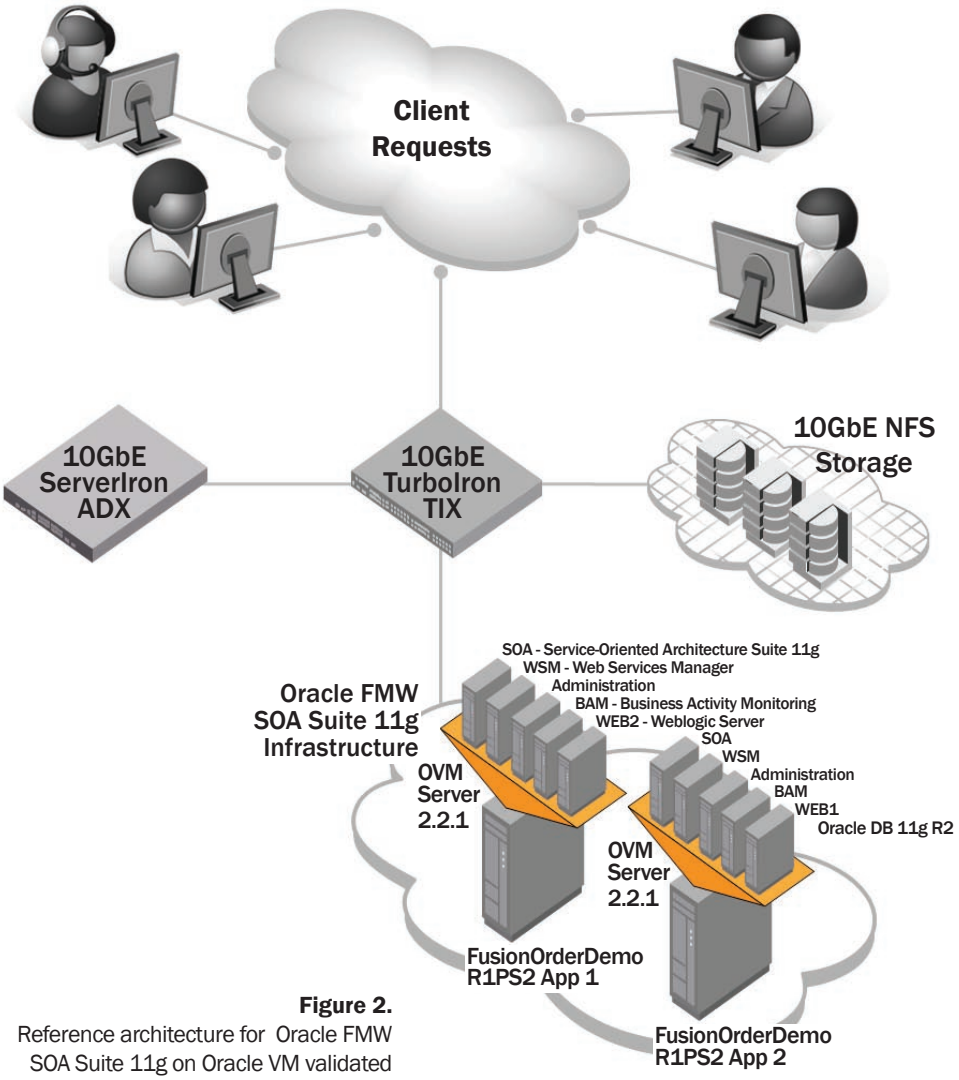

Figure 2.
Reference architecture for Oracle FMW SOA Suite 11g on Oracle VM validated with Brocade ServerIron ADX Layer 4-7 and Brocade TurboIron TIX Layer 2-3

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