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# Newsletter

*DBA Online - On the front line of database administration  
DBA Online powers Oracle DBA*

DBA Online

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### DBAOnline/NJCCPS Seminar in March 2007



March 24 2007 is an important date for both NJCCPS and American DBA Online. It was the first time that the two organizations held a technical seminar together. The event at Clarion hotel in Edison, New Jersey was a huge success. It attracted over 100 IT professionals who took the Saturday afternoon to learn Oracle related technologies as well as IT trend.



The seminar started with opening remarks by the two presidents, Mr. Jiangang Luo from NJCCPS and Mr. David Wang from American DBAOnline. Jiangang mainly briefed us the reason behind why the two parties co-organized the event and acknowledged the team effort which made the this happen. David stated as well that NJCCPS and DBAOnline had cooperated many times in the past, it was really exciting to have such event together. David also kept his one-minute technical tip program and shared with us one new feature in 10g, the Faster Start Failover tip for DataGuard. Ms. Jean Xie, a beautiful young lady from NJCCPS, who



happened to be an Oracle DBA as well, hosted the seminar. The seminar was separated into two forums. The first half part of the seminar was for Oracle generic technologies. Our keynote speaker was Mr. Jon Huang. Jon is a Principal Solution Architect from Oracle. Jon had been a frequent presenter at numerous Oracle technical events as well as Partner Corporate. Audience was very impressed by the big picture he presented to us about Oracle's strategy to customer's success and the role of Oracle Fusion Platform and Fusion Application will play in Oracle's road map to stay ahead in software industry.



Our second speech in the general session was by Mr. Qi Wang with the topic of 'Experience the Data Warehousing with Oracle10g'. Qi is a consulting technical manager in Business Intelligent/Analytics consulting division of the Oracle Corporation. He has over 15 years of experience in data warehousing for telecommunications, manufacturing, financial, pharmaceutical industries as well as government agencies. By utilizing Oracle OLAP technologies, he has implemented many Enterprise Data

Warehouse Applications that focus on business intelligent and decision making process for meeting the fast changing and growing business needs. The presentation really summarized his knowledge and experience on Data Warehousing technology on the design, implementation, tuning and best practices side that will benefit us a lot.

During break there were raffles and prizes, provided by MetLife agent Sarah Qian, Howard Wang and by DoubleBridge. Audience also got opportunity to network with fellow IT professionals working in different companies and industries.

The second part of the seminar was separated in two rooms and went concurrently. This is also our new format as well. In Windsor Room, still hosted by Jean Xie, there were two DBA related topic. In Lincoln Room Hosted by Steven Liu, there were two application presentations.

Our first DBA speaker was Mr. Indy Johal who is a Manager for PR Newswire. Indy has been working as lead database administrator and architect from last more than 10 years. He is the founder of Data Softech Inc., a New Jersey based company specialized for providing complete database support solution and training to various clients. He has written various Oracle technical articles for journals and magazines including Oracle Magazine. He has also spoken at Oracle Open World and many Oracle User Groups. Mr. Johal shared with us on Oracle 10g AWR, ASH, ADDM, Advisory and ASMM which was very interesting to DBAs. For those who just got used to Statspacks, you should consider using those new tools for performance tuning and analyses. The ASH feature especially would enable us to see the performance history for your database inside your SGA and you can run report just once to do the comparison. That sounded really cool.





Mr. Stefan Kwiatkowski, who was Senior Staff Sales Engineer from Symantec Field Sales, has been with Symantec since 1998 and has focused on solutions for Enterprise Storage and Availability technology for both large and small data centers in the United States. With the widespread growth of Oracle in open systems, Mr. Kwiatkowski has identified storage management for Oracle RDBMS as being a major concern for all Oracle users who manage critical systems. He has made storage management and

availability for Oracle RDBMS his area of expertise, and has presented to other Oracle groups such as NYOUG and Oracle Technology Symposiums. Mr. Kwiatkowski also has a broad background in open systems networking and security, working with open systems resellers and military agencies. Although being a salesman, Stefan is very technical in depth and always impressed us with his knowledge on both the system and Oracle world. In this speech, he presented us with the title speech 'ASM vs. VERITAS for Oracle10g RAC'. He gave us very clear overview of Oracle's RAC architecture down to storage level and explained to us how RAC could leverage their solution to obtain optimal performance and manageability.



At the other room for application forum, the first speaker was Mr. Jingnan Zhou. Mr. Zhou is a technical manager of the Service-Oriented Architecture group in Oracle Advanced Technology Solutions. His expertise area includes J2EE application framework, Enterprise application integration, Service-oriented architecture and Oracle 11i Business suite implementation and integration Oracle North America region. He is the only person who is both Microsoft technology and Oracle technology expert in Oracle NY Metro region. He is also a contributor to open source community. In his speech he talked about Oracle SOA and Fusion Middleware

Our 2<sup>nd</sup> presentation for application session was by Ms. Jayne Chu. Ms. Chu is a technical manager in the Advanced Technology Services Consulting division of Oracle Corporation. She has a very extensive background in data modeling for large-scale data warehouses. For the six years at Oracle, she has led and managed data warehouse and data mart project teams with responsibilities for all phases of Data Warehouse development life cycle which includes requirements gathering, documentation, data mapping & transformation, data modeling & system design, development of system specifications, integration of desktop/client and all data warehouse server back ends, development of integration and

user acceptance test plans, and user training. Jayne was a frequent speaker to DBAOnline as well. This time she talked about Oracle Business Intelligence Solutions from application side of view.

It was a very technical intensive afternoon that everybody agreed that the knowledge they learned from those top experts will help them in their current positions. It will also enable them to stay ahead of the game and knew fairly new technologies.



The event continued as over 50 people headed to Garden Buffet to have a dinner party. The party hosted by Jean Xie and David Wang. Members from both organizations got to know each other more and became closer while having a good time. There were funny games, jokes, riddles, singing, dancing and good food. There were a lot of raffles and prizes as well provided by DoubleBridge and other vendors. Everybody really enjoyed the party and looked forward to the next joint event.

Once again, we would like to thank all of the speakers for their contribution; We like to thank Oracle Corporation for continue sponsoring the events of American DBAOnline; We like to thank all the officers and committee members from both organizations to prepare and run the event, especially, David Wang, Jiangang Luo, Andy Lin, Wei Tang, Jean Xie, Qi Wang, Carol Sheng, John Zhong, Laurel Lou, Warren Yang, Yi Han, Daniel Hu, April Cai, Yan Lin, Stan Ma, Jeff Zheng, Steven Liu and Eddie Cheung, etc; We like to thank all members and guests of NJCCPS and DBAOnline come to attend the event.

NJCCPS and DBA Online Committee



## Faster Start Failover in Oracle 10g Release 2

- **Fast-start failover**

Fast-start failover provides the ability to automatically, quickly, and reliably fail over to a designated, synchronized standby database in the event of loss of the primary database, without requiring that you perform complex manual steps to invoke the failover.

Also, after a fast-start failover occurs, the old primary database is automatically reconfigured as a new standby database upon reconnection to the configuration. This enables Data Guard to restore disaster protection in the configuration easily, without complex manual steps, improving the robustness of the disaster-recovery features of Data Guard, as well as improving Data Guard manageability.

These new capabilities allow you to maintain uptime and increase the availability, as well the robustness of disaster recovery. Plus, there is less need for manual intervention, thereby reducing management costs.

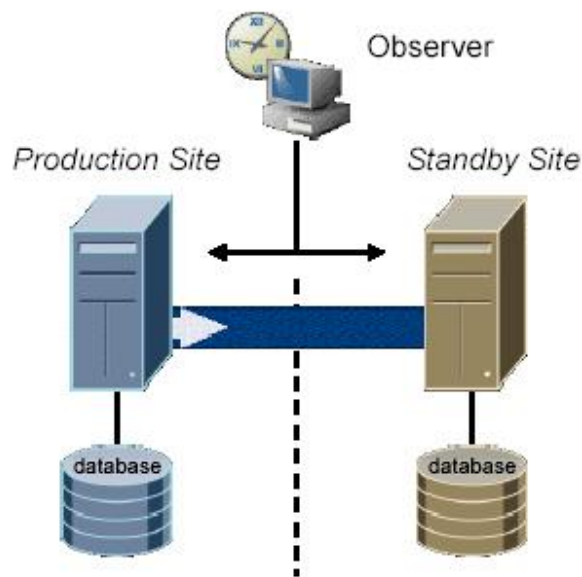


Figure 1 Fast-Start Failover Configuration



## Oracle Announces Enterprise Manager 10g Release 3

REDWOOD SHORES, Calif., March 13 -- Oracle today announced the general availability of Oracle Enterprise Manager 10g Release 3, the latest release of Oracle's enterprise management solution. Oracle Enterprise Manager 10g Release 3 includes increased management capabilities for packaged applications and Service-Oriented Architecture (SOA) applications, Oracle Fusion Middleware as well as significantly improved lifecycle management capabilities.

Oracle today also announced the general availability of Oracle Application Management Packs for the Oracle E-Business Suite and Oracle's Siebel CRM -- making Oracle Enterprise Manager 10g Release 3 the industry's most complete application management solution. Oracle introduced the Oracle Management Pack for PeopleSoft Enterprise in October 2006. With these new capabilities, customers can manage their applications and

underlying infrastructure to help improve application availability and business transaction performance with a single, integrated management solution.

Spanning applications, middleware, and database management, Oracle Enterprise Manager 10g Release 3's unique "top-down" approach enables Information Technology (IT) departments to focus on what matters to the business -- greater agility, better service quality and lower operational costs. Oracle Enterprise Manager enables its 21,000-plus customers to manage their applications from top to bottom -- from monitoring service levels to proactively isolating exceptions before they impact business, and remediating issues at any level of the IT stack.

"Oracle Enterprise Manager 10g Release 3 brings a top-down management approach to application management -- whether Oracle or non-Oracle systems -- and from the application layer through the operating system," said Richard Sarwal, senior vice president of systems management products at Oracle. "This unique, business - focused approach provides our customers with a complete, integrated way to manage performance and availability, service levels, configurations, and deployment lifecycle for custom or pre-packaged applications and infrastructure. With these new capabilities, customers will be able to deliver better quality of service at lower cost."

"Oracle Enterprise Manager has played a key role in our overall data center automation strategy. The new release has delivered capabilities for managing Oracle Applications -- which we plan to take advantage of. Especially the improved performance monitoring features in combination with the service dashboards are unique capabilities that deserve a close look by companies looking to get the best performance for their business applications," said Dr. Werner Rath, manager, Enterprise Delivery Center, MGI METRO Group Information Technology GmbH.

Latest Release Delivers Increased Oracle Fusion Middleware Management Oracle Enterprise Manager 10g features new, advanced Oracle Fusion Middleware management capabilities for the services that business applications rely upon including SOA, Business Activity Monitoring and Identity Management. Users can automatically discover and monitor processes orchestrated through Oracle BPEL Process Manager, and track evolution of process definitions of the BPEL processes and the associated services thereby reducing the effort for these time-consuming tasks and simplifying change tracking.

Oracle Enterprise Manager's integration with Oracle Business Activity Monitoring helps IT administrators to monitor key business performance indicators and proactively remediate business activity issues that stem from availability and performance of IT systems. Bi-directional data exchange between Oracle Enterprise Manager and Oracle Business Activity Monitoring enables business key performance indicators (KPIs) and alerts to be visible from within Oracle Enterprise Manager's management console and system information to be visible from the Oracle Business Activity Monitoring dashboard. This integration and increased data sharing between the two systems allows users to measure service level agreements against business metrics in real-time.

Oracle Enterprise Manager's new SOA capabilities are delivered through the new Oracle Management Pack for SOA, which provides a single, unified management solution for Oracle SOA Suite customers. The pack is

generally available today.

Oracle Enterprise Manager 10g Release 3 also features increased support for Oracle Access Manager and Oracle Identity Manager through the Oracle Management Pack for Identity Management. Introduced earlier this year, the Oracle Management Pack for Identity Management enables organizations to reduce the cost and complexity of managing identity and access management systems.

**Simplifying Application and Infrastructure Lifecycle Management** The extensive lifecycle management capabilities in this release extend Oracle Enterprise Manager's leadership in grid computing by providing solutions for the entire application and infrastructure lifecycle including test, stage, and production through operations. For example, administrators can now clone test instances of the Oracle E-Business Suite for QA purposes and automatically deploy the tested application stack in the production environment. New high productivity tools also enable administrators to add capacity on demand for their SOA or pre-packaged applications. These new features help to lower the cost and ease automated deployment of high availability solutions for Oracle Fusion Middleware and Oracle Real Application Clusters environments. Administrators can simply and reliably convert a single instance database into a clustered database. Additionally, administrators can add or remove capacity from a database or middle-tier cluster with a single click.

Oracle Enterprise Manager 10g Release 3 provides integrated SOA application provisioning and bare metal provisioning. SOA application provisioning includes the deployment of the J2EE server, BPEL engine, and SOA applications, including end-to-end configuration of the Web servers, J2EE clusters, security and load-balancers. Bare metal provisioning includes integrated deployment of Oracle Real Application Clusters, Oracle Clusterware, and Oracle Automatic Storage Management. These improvements reduce the chance of human errors and application down time.

The new release further simplifies patch management with synchronized patching, additional operating system support and conflict detection features. Administrators now have the ability to orchestrate patching across high availability environments including those using Oracle Automatic Storage Management, Oracle Database and Oracle Cluster Ready Services. Additionally, administrators can apply patches to Oracle Real Application Clusters and distributed middle-tier environments in a rolling fashion to eliminate the disruption of service and allow end-users to remain connected to production systems during the patch process.

The new release also offers richer operating system patching featuring new support for Oracle Enterprise Linux, Microsoft Windows and Sun Solaris platforms. Operating system patching in Release 3 also includes enhanced vendor site integration with Oracle Unbreakable Linux Network, Microsoft and Sun Microsystems to ensure accurate and timely patching of appropriate systems. Furthermore, Oracle Enterprise Manager 10g Release 3 offers upfront pre-requisite check and conflict detection. Oracle Unbreakable Linux support users have access to the new functionality in Oracle Enterprise Manager 10g Release 3 via the Oracle Management Pack for Linux that enables comprehensive provisioning, patching, monitoring and administration of Linux servers.