



## Hewlett-Packard and Oracle Maximum Availability Architecture: Streams

A joint project between Oracle and HP

Oracle Maximum Availability Architecture (MAA) is Oracle's best practices blueprint based on proven Oracle high availability technologies and recommendations. The goal of MAA is to minimize the complexity in designing the optimal high availability system.

Hewlett-Packard (HP) and the Oracle Maximum Availability (MAA) group have worked together to establish the best possible integration solutions and best practices for deploying Oracle Streams. This includes four HP DL385 G2 Servers and two HP StorageWorks Enterprise Virtual Arrays (EVA). The combination of HP hardware and Oracle Database 10g Release 2 (10.2) produced best practices covering configuration and performance recommendations for Oracle Streams 10g Release 2.

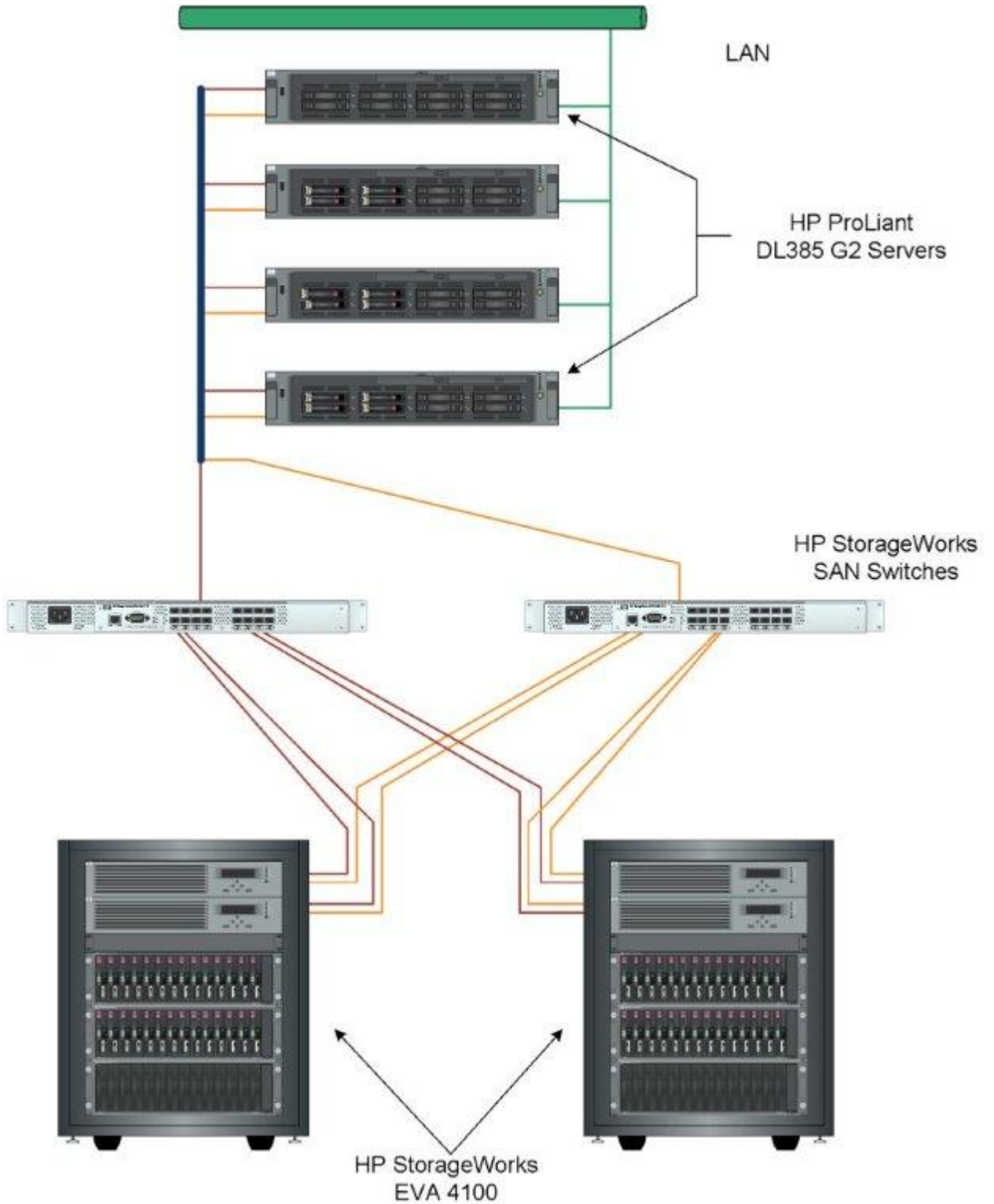
The HP servers and EVA StorageWorks supported Oracle Clusterware, Oracle Automatic Storage Manager (Oracle ASM), and Oracle Database 10g Release 2 (10.2.0.4) configured with Oracle Real Application Clusters (Oracle RAC). Oracle ASM made full use of both EVA StorageWorks arrays.

### Oracle Streams MAA

The first of the two MAA white papers: Oracle Streams Configuration Best Practices describes the requirements and configuration best practices for deploying Oracle Streams. Both the Downstream Capture and Local Capture topologies were tested in this MAA environment. Topics covered in this paper include requirements and initial configuration for downstream capture or local capture, post-configuration best practices, troubleshooting, and network best practices for high propagation throughput.

The second of the two MAA white papers: Oracle Streams Performance Tuning Best Practices provides a methodology for isolating Oracle Streams performance issues, recommends best practices, and makes use of performance monitoring tools. This paper includes a performance flow chart to help customers determine if performance Service Level Agreements (SLAs) are met, a simplified checklist to quickly identify and resolve performance issues, and an advanced performance tuning techniques for more complex performance issues. This white paper builds on the Oracle Streams Configuration Best Practices white paper.

With this combined effort, Oracle and HP can provide customers with stable and highly available best practices of Oracle Streams. HP and Oracle continue to build upon their strong partnership to deliver high quality products and best practice recommendations.



Additional Information

Oracle MAA is Oracle's best practices blueprint based on proven Oracle high availability technologies and recommendations. The goal of MAA is to achieve the optimal high availability architecture at the lowest cost and complexity. For information, please visit: <http://www.oracle.com/technology/deploy/availability/htdocs/maa.htm>