



Siebel 8.1 MAA on HP Systems

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.

HP has been delivering high-availability and disaster tolerant solutions for mission critical applications for more than 25 years. HP Serviceguard, with more than 150,000 licenses sold worldwide, together with HP Integrity servers and HP StorageWorks Enterprise Virtual Arrays provide a unique combination of availability, scalability and virtualization that enable optimized business outcomes while decreasing costs and mitigating risk.

Together HP and Oracle tested and validated Siebel CRM 8.1 with MAA configurations.

Siebel CRM 8.1 MAA Project

The goal of this project was to research and validate MAA best practice recommendations for Siebel CRM 8.1 Application customers. The final configuration utilized Oracle Enterprise Linux, Oracle VM, and Oracle Database 11gR2 Data Guard, Real Application Clusters (RAC), and Automatic Storage Management (ASM). The solution was deployed on HP BL460c and DL360 servers.



Testing Performed

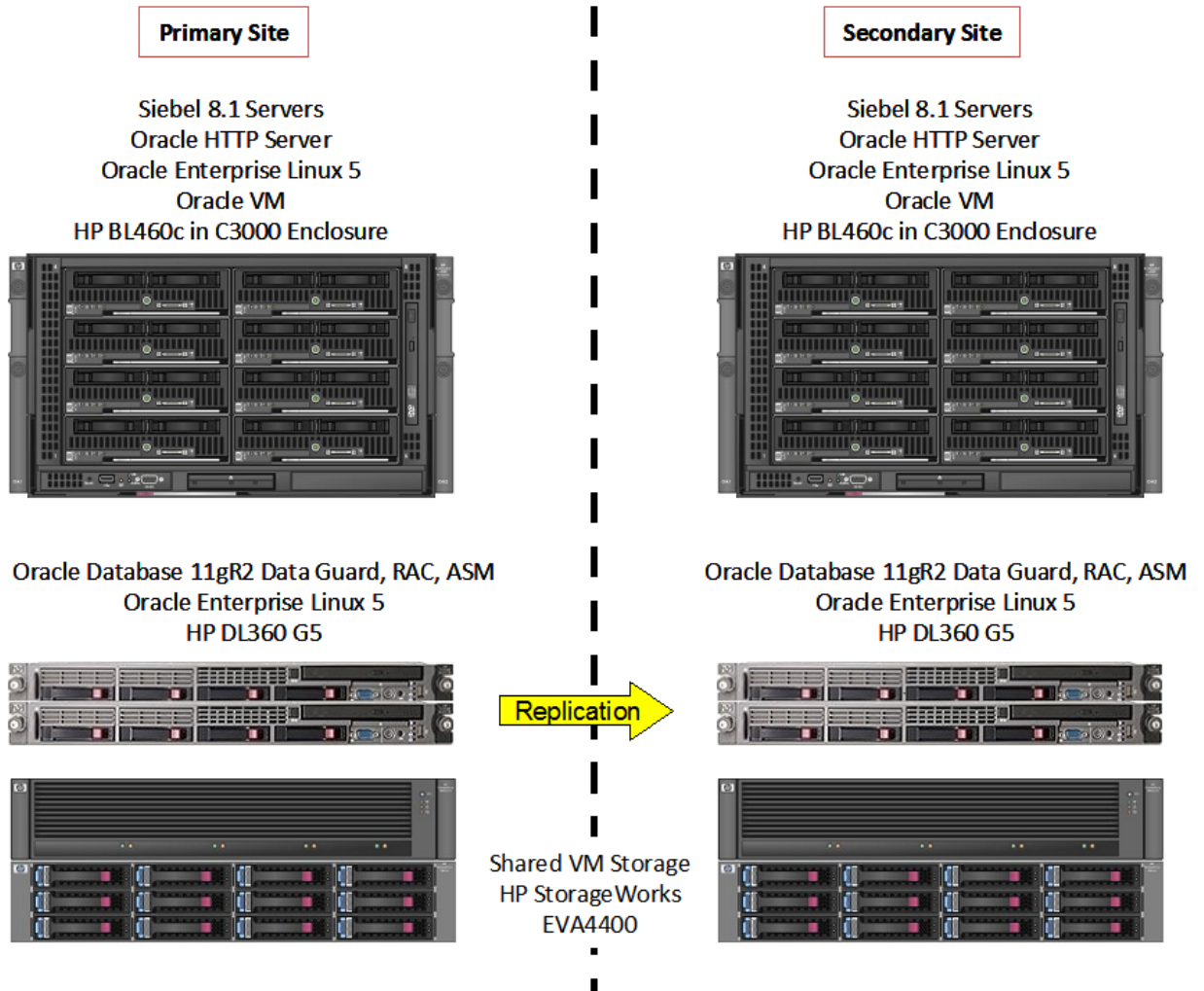
1 – Recovery from RAC Instance Failure

Oracle Application Testing Suite 9.0.0 was used to drive a mixed insert, update and query workload simulating 1250 Siebel online users. RAC instance failure was simulated through a database “shutdown abort”. All users successfully failed over to the surviving RAC instances.

2 – Recovery from Primary Database Failure through Failover to Local Data Guard Standby

Oracle Application Testing Suite 9.0.0 was used to drive a mixed insert, update and query workload simulating 450 Siebel online users. Primary database failure was simulated through a database “shutdown abort”. After manual failover to the local standby database all users successfully failed over and normal performance was quickly restored.

Lab Configuration



Additional Information

Siebel Maximum Availability Architecture – <http://www.oracle.com/technology/deploy/availability/pdf/siebelmaa.pdf>

Reducing Siebel Downtime with a Local Standby Database – http://www.oracle.com/technology/deploy/availability/pdf/maa_wp_siebel_localstandby.pdf