ORACLE SECURE BACKUP

Oracle-Recommended Tape Backup for Sun Oracle Database Machine

August 2010

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PRODUCT HIGHLIGHTS

- Fastest, most efficient Oracle database backups to tape
- Built-in Oracle integration (e.g. RMAN, EM)
- Lowest-cost enterprise tape backup solution
- Fully validated component of an integrated Oracle MAA configuration

Oracle Secure Backup 10.3 delivers the most optimized tape backup for Sun Oracle Database Machine while reducing the complexity and cost of secure, high performance tape backup and recovery.

Why Oracle Secure Backup?

Oracle Secure Backup (OSB) delivers the fastest, best integrated, and most affordable tape backup for the Sun Oracle Database Machine.

Fastest Oracle Database Backup to Tape

As an essential component of Oracle Maximum Availability Architecture (MAA), OSB has been tested and validated for the Sun Oracle Database Machine by the MAA Development team. With a Sun Oracle Database Machine Full Rack test configuration, OSB demonstrated a backup rate of 8.6 TB/hour for full backups and an effective backup rate of 10 to 70 TB/hour for incremental backups. In these tests, available hardware throughput was saturated – faster backup rates could be achieved by increasing the number of tape drives.

As part of the Oracle product family, OSB has built-in integration with the Oracle database achieving key performance advantages resulting in 25 – 40% faster backup than comparable 3rd party products. Beyond fast, the backup on tape is smaller leveraging unused block and undo backup compression.

Oracle Built, Validated and Supported

Oracle Enterprise Manager

OSB Administrative Server

Sun Fire X4275
OSB Media Servers

—— Infiniband QDR Network
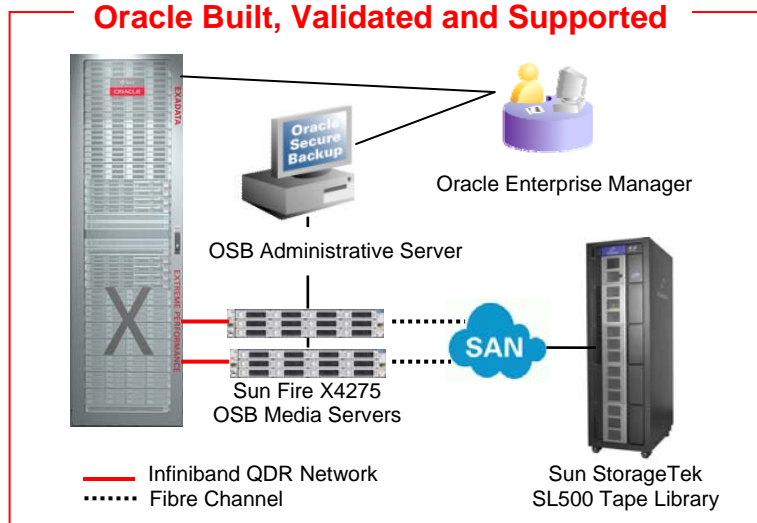······ Fibre Channel

Sun StorageTek
SL500 Tape Library

Best Oracle Integration

OSB is integrated deeply with Recovery Manager (RMAN) and Oracle Enterprise Manager (EM). OSB enables administrators to use the same unified management interface for crucial backup and recovery operations as used elsewhere for the entire database machine, thereby significantly reducing management complexity and costs.

Lowest Cost

Oracle Secure Backup is licensed simply at $3,500 per tape drive. There are no other licensing components. By some estimates this could be 3 times less expensive than competing enterprise tape backup products which incur additional charges for the clients, media servers, functionality such as Vaulting, etc.

Next Steps

Using an Oracle-integrated tape backup product such as Oracle Secure Backup, that is fully validated by Oracle MAA, with higher performance and a fractional cost compared to other alternatives – is a tremendously attractive proposition for the Sun Oracle Database Machine. For further information, refer to [1] and [2].

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1. Oracle Secure Backup Technology: www.oracle.com/goto/osb
2. MAA Best Practices: Backup and Recovery for Sun Oracle Database Machine - www.oracle.com/goto/maa