Secure Database Backup and Restore for the Entire Enterprise

DS3 DataVaulting provides efficient, secure backup and restore of Mircosoft® SQL*Server, Oracle, and DB2 enterprise-class databases. DS3 uses an agent-less architecture that performs "hot" backups without affecting end users. Our specialized delta-blocking capabilities make it possible to capture all data changes, while simultaneously reducing the amount of data transmitted and stored. Restores are made simple. Just choose a date and the DS3 system handles the reconstruction of the database and eliminates the need to track down "full" and "incremental" data stores. Backup, restore, and any necessary disaster recovery are highly protected with customized procedures and permissions along with encryption that meets the highest standards of security.

Simplified and Streamlined Backups Become Cost Effective

On a scheduled or on-demand basis the DS3 "gateway" accesses the target SQL*Server, Oracle, or DB2 database and uses an Application Programming Interface (API) to perform a database "dump." During this process, your pending transactions are committed, checkpoints are created, and transaction logs are truncated. The database dump becomes a temporary file that is scanned. Any changed blocks (identified through delta blocking) are compressed, encrypted, and transmitted to the data center. During this process, the database *does not have to be taken offline* to perform a backup.

The first time the entire database is dumped and transmitted a "master" is created. During subsequent backups, only updates are transmitted as part of the delta blocking process. The DS3 system never accesses your underlying database files directly, which prevents any issues with open and locked database files.

Enhanced Process Makes Restore and Recovery Effortless

Designed to offer customers easy access to their data, DS3 restore and disaster recovery functions are straightforward and efficient. During a restore action, our "gateway" restores the database(s) to the target server. The target server can be the original backed up server or an alternate server.

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At a minimum, the DS3 "gateway" always keeps a copy of the latest snapshot of the database. In our experience, most database restores are done to retrieve the latest backup so most database restores can be accomplished quickly over the local LAN. If older data is required, DS3 can access the data in the DS3 data center through the WAN or DS3 will ship, without extra cost, a portable data vault to your site. The system can also be configured to allow the DS3 "gateway" to keep multiple versions of the backed up databases.

Security — A Top Priority

When backup sets are created, credentials are entered and stored on the DS3 "gateway." The backup data is encrypted while being transmitted to the data center and securely stored. DS3 personnel never have access to the data in the DS3 data center.

Supporting Enterprise-Class Databases

DS3 DataVaulting supports the following databases:

Microsoft® SQL*Server 2000/2005
> Oracle 10g on Windows and Unix/Linux
> DB2
>

For Microsoft® SQL*Server 2000/2005 and Oracle on a Windows 2000/2003 server, the DS3 "gateway" will be a Windows 2003 server. For Oracle on a Unix
(e.g. Solaris) server and DB2, the DS3 "gateway" will be a Linux server. For mixed Unix/Linux/Windows environments, DS3 offers a unique gateway that hosts multiple operating systems for multiple target servers.

DS3 DataVaulting is a reliable partner that offers companies a streamlined, secure, and scalable data management solution. From servers, to workstations, to laptops, DS3 provides backup, restore, and disaster recovery for the entire enterprise. Our automated process virtually eliminates human error, and offsite backup is made even more secure with advanced encryption technology. DS3's agent-less architecture makes set-up simple. Our services are highly compatible with a wide range of network platforms and applications. DS3 offers an enhanced return on investment by saving companies time and money. Finally, all services and features are covered by one "pay for what you use" monthly cost and fully supported by our dedicated customer service team. In business longer than any other dedicated industry player of our size, at DS3 DataVaulting
we deliver on our commitment to be a full service data management resource.

rondo tech
CONSULTING INC.

Contact Us Today
sales@RondoTech.com
703.830.4800
703.832.8596 fax
P.O. Box 2359
Centreville, VA 20122

www.RondoTech.com

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