

StoreAge SVM App-Pack™ for Windows is specially designed to integrate SVM applications with storage-intensive applications

SVM App-Pack™ for Windows

DATASHEET

Highlights

- StoreAge SVM App-Pack™ for Windows package offers the required integration between storage-intensive applications and the powerful StoreAge SVM suite of storage services.
- The SVM App-Pack for windows includes several “must-have” capabilities for ensuring high availability and manageability of storage-intensive applications running on Windows platforms.
- For each SVM Application, namely: multiView™, multiCopy™ and multiMirror™, the following solution packages are available: Microsoft® Exchange 2000, Microsoft® SQL 2000 and Oracle® 9i.

Product Description

StoreAge's SVM App-Pack for Windows is a CLI library installed on the Windows host. The library provides interfaces for consistent snapshot creation and for SQL Server 2000, Exchange Server 2000 and Oracle 9i. The SVM App-Pack for Windows includes User Manuals for each solution. Using the CLIs provided by the SVM App-Pack for Windows, customers may now create their own scripts for multiView snapshot creation, multiCopy replication, and multiMirror remote mirroring. Additionally, by using Windows's Task Scheduler users may create user-defined scheduled tasks for these scripts.

Principles of Operation

The SVM App-Pack for Windows operates on two levels:

1. The application level: Operations that are executed either locally (on

the application server) or remotely (on the backup server), and which are used for integration with the application.

2. The SVM level: Operations which are run via the SVM agent (on the computer where the script is executing) via the FC network to the SVM metadata server. These types of operations are used for executing StoreAge's “multi” applications (multiView, multiCopy, multiMirror).

A normal script will therefore include:

Application-specific operations (in order to quiesce the application), operations going to the SVM metadata server (creating multiView PiTs, multiCopy Jobs, multiMirror User PiTs), and another set of application-specific operations for resuming the application operation.

Benefits

- Integrated solution for Exchange 2000, SQL 2000 and Oracle 9i.
- Integrated interfaces for all SVM applications - multi*View*, multi*Copy* and multi*Mirror*. With SVM App-Pack users may create “application-aware” multi*Mirror* User PiTs, multi*Copy* jobs and multi*View*.
- Support for W2000 and W2003 Platforms
- More flexible solution – the SVM App-Pack offers a set of CLIs, thereby allowing users to customize and fine-tune their scripts as per business needs.
- SVM App-Pack CLIs can be included in a script that may be executed by Windows’s built-in Scheduled Tasks Manager, so users can create scheduled policies.
- PiTs (both of simple volumes and of Consistency Groups) for disaster recovery purposes.

For example: The user can create a script for an application with SVM App-Pack CLI commands to:

- Quiesce the Exchange server.
- Create multi*View* PiTs of the Exchange data volumes.
- Unquiesce (resume) the Exchange server application (after the PiT is successfully created).
- Create multi*View* Views on the newly created PiTs.
- Mount the Views on a backup server (and use a backup software to back them up).

In this manner, all created data snapshots are application-aware, and therefore application consistent.

Prerequisites

SVM

multi*View*

multi*Copy* – optional

multi*Mirror* – optional

Platforms Supported

Microsoft Windows 2000

Microsoft Windows 2003

Other – consult your StoreAge representative

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Aug-16-2004