

DBCOPY vs. GWAVA Reload

Introduction

This document is meant to contrast the backup functionality of Novell's DBCOPY utility vs. GWAVA Reload. Reload provides many more features outside of the realm of backups, however this document mostly focuses on the backup specific features that are in the Reload backup agent and contrasts those features with the DBCOPY utility.

Feature Comparison Chart

<i>Backup Specific Features</i>	<i>DBCOPY</i>	<i>GWAVA Reload</i>
Native GroupWise Backup – GroupWise specific database locking	X	X
Supports all GroupWise Platforms	X	X
Logged Error Reporting	X	X
E-mailed Error Reporting		X
Error Checking – (Did all post office data get copied)		X
Error Recovery - Retry getting post office data that didn't get copied		X
Failed Connectivity Recovery		X
SmartPurge Integration – Items cannot be deleted until they are backed up		X
All Messages and Items 100% Backed up		X
Multiple DBCOPY threads for speed improvements	X	X
Multiple DBCOPY instances for significant speed improvements		X
BLOB File Synchronization – BLOBs that are no longer referenced on the live post office are removed		X
Message items in the backups created cannot be purged		X
Tape Archive Integration		X

12% (1/8th) of the size of the post office needs to be stored each day.

- Reload runs **11 simultaneous** instances of DBCOPY for each GroupWise post office being backed up. This creates significant speed improvements over a regular implementation of DBCOPY.
- Reload can back up a total of **5 post offices simultaneously** on the same Reload server.

To better illustrate Reload's ability to scale, the following are three examples of current customers using Reload.

Latin American Retail Company

A customer in the Latin America has implemented Reload for their entire organization which includes 8,000 users across 110 GroupWise post offices.

New York Healthcare Corporation

A group of hospitals and clinics in New York, U.S.A has 20,000 users on more than a dozen post offices being backed up to one Reload server. The nightly backup window for all post offices is a few hours.

Chicago Law Firm

A law firm in Chicago has three GroupWise post offices that are over 800 Gigabytes in size. Three times a day Reload is backing up these post offices.

Backup Quality – Consistency and Completeness

Reload ensures that the quality of your GroupWise backups is perfect. Reload uniquely leverages the SmartPurge functionality of GroupWise to ensure the following:

- No item can be deleted until it is backed up with Reload. A Reload backup can be considered a "**Complete**" backup of a GroupWise post office because of this feature.
- All items, and portions of an e-mail are backed up, even if the items come in during the time of a backup. A Reload backup is both **Complete** and "**Consistent**" because of this feature.
- Once items are backed up to the Reload server, they cannot be deleted from the GroupWise message store on the Reload server. So even if users are given access to a backup on the Reload server, they cannot remove items from the GroupWise post office message store on the Reload server. Because of this feature, Reload backups can be considered **Complete**.

DBCOPY cannot provide any of these features just mentioned. As such DBCOPY backups are somewhat consistent and complete backups, but not entirely consistent and complete as Reload backups are.

Beyond Backup - Manageability and Ease of Use Equals Confidence

Reload is very simple to manage, particularly because of its ability to send e-mail notifications. There is no need to look daily at a management console. A **Daily Status Report** sent in an e-mail lets the administrator know the status of all Reload profiles. The subject line of the message is sufficient for the administrator to assess if there's any reason to even open the e-mail.

Reload customers are confident in the quality of their Backup and Disaster Recovery solution because of their ability to be pro actively notified of any problems. Furthermore, because Reload backups are so easy to use for e-mail and address book restoration, the GroupWise Administrator becomes far more confident of Reload's ability to be a **disaster recovery** solution as they use Reload regularly for restoration of data. More than one Reload customer has stated that they **sleep better at night** knowing that Reload is their backup solution.

Conclusion

DBCOPY is a fine backup utility from Novell that Reload leverages in a significant way. Reload backups are higher quality, more efficient and significantly faster than simple DBCOPY backups. Reload's efficiencies and manageability allow it to scale up for larger post offices and organizations much better than DBCOPY alone.