

Store, Backup and Restore with AssuredCopy™

AssuredCopy is a core application within a family of data protection solutions, and a core component of the R/Evolution™ Architecture. The highly modular R/Evolution Architecture is an integrated platform that provides a complete, flexible template for OEMs to build winning solutions for every segment of the volume storage market.

Revolutionary Performance, Availability and Value

The innovative new Rapid Evolution (R/Evolution™) Storage Architecture is a highly modular system designed for flexibility and support for evolving product needs, enabling OEMs and partners to quickly achieve a differentiated and sustainable competitive advantage in the volume storage market.

AssuredCopy™ is a component of the R/Evolution Architecture, enabling OEMs and partners to solve many of today's data protection challenges facing IT departments by building complete solutions for business continuance, disaster recovery, application support and regulatory compliance. AssuredCopy provides the ability to create full volume copies or backups of disk volumes with the ability to quickly restore whole volumes, folders or individual files.

AssuredCopy™ - Providing a Foundation for Enterprise Business Continuity and Application Support

Like snapshots, volume copies can be used to protect against the accidental or malicious corruption or loss data. Whole volumes, folder or individual files can be quickly restored from the volume copy. AssuredCopy provides additional protection against complete volume or RAID group loss. Should a double disk fault occur in a RAID 5 set, the source data remains protected; this would not be the case with snapshots.

Volume copies can be mounted to other application hosts to provide production data support for backup, rapid development and test, data mining, decision support and other applications without putting production data at risk or impacting application performance because access is to an independent data set.

Easy Backup Solution AssuredCopy™ delivers:

Data Protection

- Protect against accidental or malicious data loss or corruption
- Additional protection against complete RAID group or volume disk failure

Performance

- Access production data without impacting production volume performance as access is to an independent set of data blocks (vs. shared data blocks as is the case with snapshots)

Full Volume Backup

- Provide a complete volume copy then backup to tape independent of the source volume, eliminating any performance impact on production applications

Application Support

- By creating an identical but independent copy, applications such as data mining and decision support systems can access production data without impacting the data integrity or access performance of production applications

Rapid Application Development Support

- Mount a volume copy to a different server, allowing application development teams to use production data without effecting production data or impacting the production application - this supports rapid application development strategies

Regulatory Compliance Support

- Data protection is mandatory, and volume copy is one of many tools in the arsenal to adequately protect data and recover from data loss or corruption as mandated by an increasing number of government and industry regulations.

AssuredCopy™

AssuredCopy can have a significant impact on your business both operationally and financially.

- Minimizes data loss
- Rapid volume, folder or file restoration
- Production copies for application support
- Eliminates production application bottlenecks

Try & Buy

AssuredCopy is available on all Dot Hill storage systems including the 2000, 2002, 3000 and 5000 Series storage arrays. The 2002 and 3000 Series include a free 60-day Try & Buy accessed through our intuitive GUI interface.



FEATURES

Copy master volume
Copy snapshot volume
Max # of volume copies per master volume
Max # of volume copies per system
Abort volume copy
Source volume access during copy process
Volume copy access upon copy completion
Manual or scheduled volume copy
GUI
Command Line Interface

DOT HILL 2000 SERIES

Yes
Yes
127
254
Yes
Read/Write
Read/Write upon copy completion
Yes
Web based
Yes

DOT HILL 5000 SERIES

Yes
Yes
255
510
Yes
Read/Write
Read/Write upon copy completion
Yes
Web based
Yes

OPERATING SYSTEM SUPPORT

Windows Server 2003, 2008
SPARC Solaris 9, 10
Red Hat ES 4.0, 5.0 and AS 4.0
SuSe ES 9.0

SOFTWARE AND MODULE SUPPORT

Microsoft VSS, VDS Support

