



AssuredSnap™

SPECIFICATION SHEET

Enabling complete Data Management solutions with class-leading affordability

AssuredSnap delivers:

Data Protection

- Protect against accidental or malicious loss or corruption of data

Minimized Data Loss

- By taking more frequent snapshots (i.e., backups) of data volumes, the amount of data exposed to loss is reduced (i.e., improved Recover Point Objective (RPO))

Improved Data Recovery and Business Continuity

- Through the rapid restore to any point-in-time snapshot
- Improved restore time reduces downtime and data unavailability due to system or human errors (i.e., improved Recover Time Objective – RTO)

Drastically Reduced Backup Windows

- From hours to minutes

Rapid Application Development Support

- Like backup, a snapshot can be mounted 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 snapshot 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.

AssuredSnap 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.

AssuredSnap™ 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 and regulatory compliance. AssuredSnap provides the ability to create point-in-time copies or backups of disk volumes with instant restoration of data to any captured point in time snapshot. Since AssuredSnap only copies data that has changed to disk it can virtually eliminate backup windows.

AssuredSnap uses a method called Single Copy-on-Write (SCW) with Original/Write Data Preservation capabilities. Unlike other snapshot technologies the AssuredSnap implementation is not only fast, but also reduces the size of snapshots by storing only a single instance of changed blocks. Original/Write Data Preservation technology is unique in the market allowing IT managers to snapshot and write to newly created snapshot volumes. This enables roll back to the original snapshot or the modified or updated snapshot. This re-roll-back capability is ideal for testing new software or prototyping new applications.

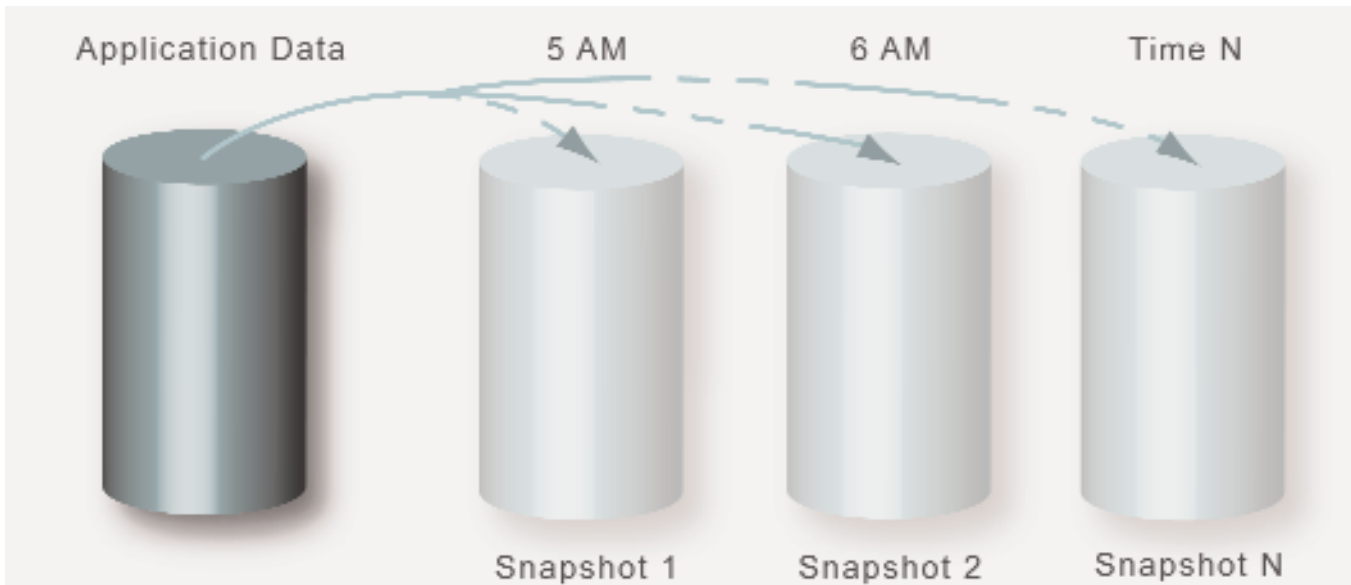
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AssuredSnap



EVOLUTION®
RAPID EVOLUTION

AssuredSnap™ Specifications



AssuredSnap - Providing a Foundation for Enterprise Business Continuity

The appropriate policies and procedures required to achieve optimum business continuity will be unique to each organization. Determining factors include the extent of real-time need for access to data and the business value of data over time from its initial point of creation. There are two fundamental aspects associated with business continuity planning; setting recovery point objectives (RPO) determines the frequency with which snapshots of business critical data need to be taken for rollback to a known point in time, the recovery time objective (RTO) is the maximum time window available to complete restoration of business critical data in order to maintain expected transactional service levels. AssuredSnap plays a fundamental role in achieving both RPO and RTO for any business continuity implementation through the ability to create point-in-time copies or backups of disk volumes with instant restoration of data to any captured point in time.

FEATURES

2000 Series -Max # of Snapshots per system	64
2002 Series -Max # of Snapshots per system	256
5000 Series -Max # of Snapshots per system	512
2000 Series -Max # of Snapshot Snap Pools per system	16
2002 Series -Max # of Snapshot Snap Pools per system	32
5000 Series -Max # of Snapshot Snap Pools per system	32
Max Snapshot Snap Pool Size (Snapshot storage pools)	4 Petabytes
Max # of Snapshots per Master Volume/LUN	32
Rollback to original or modified data	Yes
Delete Modified Data and Refresh Snapshot	Yes
Snap Volume Read	Yes
Snap Volume Write	Yes
Locally Mount Snap Volume	Yes
Remotely Mount Snap Volume	Yes
Manual Snapshots	Yes
Auto Expansion of Snap Pool Space	Yes
Capacity Manager (policies & threshold)	Yes
GUI	Web based
Command Line Interface	Yes
RAID support for Snapshot storage	Yes

OPERATING SYSTEM SUPPORT

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

SOFTWARE AND MODULE SUPPORT

Microsoft VSS Support