

Volume Copy Services (VCS)

Embedded Data Services

VCS delivers powerful benefits for SMBs and SMEs including:

- **Delivers a comprehensive local mirroring solution within your storage network to effectively manage information growth and data protection**
- **Enhances efficiencies by allowing companies to avoid costly interruptions to production volumes**
- **Provides a platform for performance, application and software testing for IT administrators easily test system modifications**
- **Allows non-disruptive backups by splitting the mirror and backing up the copy volume**

iQstor's Volume Copy Services (VCS) feature provides a comprehensive replication solution within your storage network, creating a duplicate physical copy of a volume (vdisk) to effectively manage information growth and data protection.

The volume copy is an independent vdisk that can be assigned to any host or application without affecting the performance of the original production volume. With VCS, companies have an excellent tool for decision support, system analysis, and application testing, bringing an exact physical duplicate of source data for single or multiple users.

To reduce costly interruptions to production volumes while making a backup, VCS can be used to split the mirror. The backup application will then use the copy volume to create the backup. Once the backup is complete, the split-mirror can be synchronized by updating the volume copy with any changed made to the original volume.

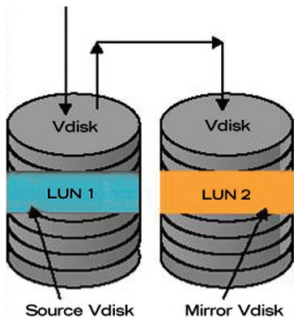
VCS, like other iQstor data services features, is storage controller-based and does not impact the operation of user applications by requiring host interaction or CPU processing. Once the copy process is complete, the user can map the copy volume to any host and start utilizing it immediately.

As an effective and efficient tool to enhance business continuance, VCS can be used by companies to easily implement and automate many applications that require access to production data in a non-disruption fashion. Several of these applications include:

Performance, Feature/Functionality and Software Testing - Many forms of testing can benefit by running from a secondary copy (local mirror) of the data rather than its original, and VCS can help you guarantee your results before you take the modifications live. The list of these activities can cover a wide range of daily business applications including performance testing, feature/function testing, software maintenance and new software release/version updates.



These activities share a common goal – to discover errors, duplicate errors and fix errors – and it is imperative to conduct them on data in a non-production environment. VCS brings you a way to test and refine modifications in an up-to-the-minute environment without damaging production data, speeding software changes and reducing downtime for your business.



VCS allows you to easily create virtual disks (vdisks) locally to support business continuance, testing and data distribution needs

Database Integrity Checks - VCS allows you to create local mirrors of your database files and ensure the integrity of corporate data, delivering a solution that provides IT administrators with a quick and easy way to keep valuable databases operational. With VCS, administrators can avoid the downtime associated with intensive and time-consuming integrity routines and implement a regular schedule of database integrity checks, finding and correcting corrupted data before it can put an organization at risk.

Data Replication and Distribution - VCS allows you to easily create locally mirrored volumes for end-of-shift or end-of-day review or distribution between departments or to branch offices, ensuring that all facets of your organization have access to the most up to date information. Using VCS, you can quickly and easily provide regularly scheduled or nightly updates of heavily used and master files to others in your organization, increasing efficiencies, workflow and productivity.

Available on iQ1000 and iQ1200 Storage Systems

VCS is one of the advanced, enterprise-level data services features available to SMBs and SMEs with iQstor's iQ1000 and iQ1200 storage systems. iQ1000 is a fully redundant Fibre Channel solution that delivers investment protection, cost-effectiveness and reliability for businesses that need a robust solution with the availability, manageability, data integrity and enterprise-level functionality required in today's data centers. The iQ1200 combines iQstor's proven enterprise-level features with cost-effective Serial ATA (SATA) disk drives to deliver efficient storage growth, scalability, data protection, storage automation and plug and play simplicity for near line applications – at a dramatically low price point.

