

Snapshot agents

Backup integrity and fast restore
for database and messaging application data

What is iglu blaze?

X-IO's worry-free iglu blaze SAN storage uses the world's most reliable storage foundation, the Intelligent Storage Element, in order to provide an unrivaled balance of cost, risk, and performance. It provides operational simplicity and can be uniquely adapted to the world of Software Defined Storage at no additional cost.

This modular SAN solution leverages a distributed controller architecture that linearly adds consistent high performance and reliability, even at 100% capacity utilization. iglu blaze deeply integrates with a wide variety of operating systems and hypervisors and provides the industry's lowest total cost of ownership, backed by a standard 5-year warranty.

What are snapshot agents?

Application-aware snapshot agents from X-IO provide complete data protection for active databases, such as Microsoft SQL Server, Oracle, Sybase, and DB2, and messaging applications, such as Microsoft Exchange and Lotus Notes.

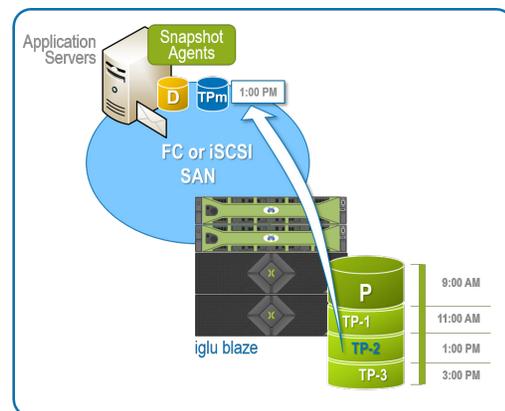
These agents work with X-IO iglu blaze to ensure that snapshots are taken with full transactional integrity. Transactional integrity means that the database copy can be brought online without going through any lengthy database rebuild processes or consistency checks, saving hours of valuable recovery time in the event of a disaster.

How snapshot agents work

100% transactional integrity

Complete data and transactional integrity is attained through a robust and automated process that safely and reliably takes snapshots of databases for point-in-time granularity and disaster recovery (DR). The agents work seamlessly with X-IO iglu blaze replication options and X-IO TimePoint technology to allow instant recovery to any point in time without requiring scripting.

Snapshot agents also use a group of snapshot features to ensure the transactional integrity of databases.



P – Primary Disk D – SAN Disk Resource Provisioned by iglu blaze
TP-n – TimePoint Delta Snapshot TPm – TimePoint Mountable Snapshot

User case study

An enterprise business uses Microsoft Exchange Server for corporate e-mail and it is critical that the data is backed up on a frequent basis without any negative impact to performance or availability. Microsoft developed Volume Shadowcopy Services (VSS) to enable any business to effectively and simply prepare the database for backup. Snapshot Agent for VSS integrates iglu blaze, Exchange, and the snapshot requester to create a consistent point in time copy to be used as a test database, to perform incremental restores and to back-up the Exchange database. Not only does this framework facilitate backups, but it also makes restores fast and easy, keeping this business in operation and with the assurance that if disaster were to strike, e-mail would quickly be back online with little to no data loss.