

TimePoint

Scheduled and on-demand point-in-time snapshots

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 is TimePoint?

X-IO TimePoint technology works with iglu blaze to enable you to create scheduled and on-demand point-in-time delta snapshot copies of data volumes. TimePoint includes the X-IO TimePtView feature, which creates an accessible, mountable image of any snapshot. This provides a tool to freely create multiple and instantaneous virtual copies of an active data set. The TimePtView images can be assigned to multiple application servers with read/write access for concurrent, independent processing, while the original data set is actively accessed and updated by the primary application server. This makes TimePoint ideal for instant recovery, patch and upgrade testing, development, and other related functions.

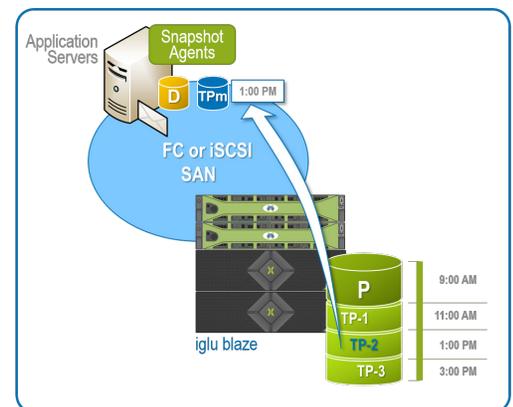
How TimePoint works

Minimized network bandwidth and storage consumption

Delta snapshots contain changes only from the original source data and therefore do not consume a significant amount of disk storage space relative to the original volume. Up to 1,000 snapshots can be maintained per volume.

100% transactional integrity and point-in-time consistency

TimePoint provides the ability to quickly recover a single file or an entire volume to a known good point in time. TimePoint also integrates with application-aware snapshot agents to enable online, incremental backups and rapid recovery of databases and message stores with transactional integrity. Flexible snapshot scheduling supports granular data protection schemes, offering a wide range of recovery points.



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

User case study

Over an 83-day period, an organization replicated data changes that took up 1.2 TB of capacity per day. However, the X-IO solution removed 1 TB of redundant data on a daily basis for a remarkable 84% savings in WAN bandwidth and storage requirements. If the firm's staff members were to copy all the data changes made at the file system level, it would have taken 68 hours to replicate each days worth of data, an unworkable situation. X-IO iglu blaze would reduce the firm's daily replication time from 68 hours to 10.7 hours and save \$600,000 annually in WAN costs.