

# Find the Facts and Lies about Replication in Mainframe Storage

## WebTech Q&A Session, Oct. 26, 2011

**1. Do you support IBM® FlashCopy® SE?**

It's on the roadmap.

**2. Since Hitachi Data Systems supports both IBM XRC® and Hitachi Universal Replicator, what's the main difference between them?**

The major difference is that XRC is still cache-only in terms of the "buffer" it uses in the storage to handle ebbs and flows of write updates on the primary storage controller. HUR has a journal disk architecture that enables you to partition the amount of cache you want to devote to replication in front of the disk journals. Although XRC has journals, they are, by IBM best practice, implemented on the remote site. So, in the event of network or workload anomalies, the resilience of XRC is not as good as that of HUR in terms of protecting production performance or avoiding replication suspensions.

**3. What's the maximum distance at which you see customers performing synchronous replication?**

Hitachi TrueCopy® supports a maximum cable distance of 300km between sites. Practically speaking, we've seen a few customers in the 100-150km range, but most are in the 30-70km range. The reason "mileage" varies is that customer applications vary in their tolerances for latency impact in terms of response time and throughput.

**4. What does Hitachi Replication Manager do? Does it replace the Hitachi Business Continuity Manager product that you talked about?**

Replication Manager (HRpM) is a GUI-based product that supports enterprise-wide replication management via consisting of both open systems and mainframe replication configuration, pair management, operations, monitoring, alerting, etc. Business Continuity Manager (BCM) is the mainframe-only replication management product and will continue as a separately orderable product. HRpM does not replace BCM. Rather, if you want to have a single pane to manage/monitor both open systems and mainframe replication, you can order "Replication Manager with Mainframe." When you do this, you get all of BCM plus the agent and GUI interface of HRpM at more attractive price than ordering BCM and RPM separately.