

Enhancing Continuous Operations and Data Integrity for Critical Microsoft Applications

WebTech Q&A Session, May 28, 2014

- 1. For Global Active Devices, can both sites have volumes updated at the same time?**
Yes, that's a key capability with active-active stretched clusters. The VSP G1000 can manage the updating from either system by synchronizing the access to the volume.
- 2. Will any changes to Microsoft software be required for the new capabilities?**
No. HDS with its strategic relationship has completed all the integration testing to ensure that the VSP G1000 will work with the existing Microsoft applications and operating systems. No special versions or software is required to utilize the new capabilities of the VSP G1000.
- 3. What if you don't have two sites for DR on the G1000?**
You can also setup the G1000 with Global Active Device in the same datacenter on different power sources.
- 4. I'm interested in the UCP solution but I've never heard about Hitachi servers.**
Hitachi has been selling servers since the mainframe days. In fact we still OEM our servers to IBM. Hitachi servers are designed with the same high standards of our storage products and solutions.
- 5. What happens in a true disaster where one site goes down completely?. How does the application failover work?**
The application failover is server-based, so all failover and recover steps remain the same for a true disaster. The main benefit of the Hitachi G1000 is that all application data is on the surviving site and application recovery is much quicker.
- 6. In an active-active configuration are reads and writes load balanced between the G1000s?**
The MPIO multi-pathing software determines the best path for performance purposes. Writes are always applied to both G1000 sites simultaneously, and reads are typically handled by the closest G1000. There are some circumstances where reads would be handled by the distance G1000 but this is not the default behavior.