Archive First: An Intelligent Data Archival Strategy

WebTech Q&A Session, March 14, 2013

1. Can you give us an idea how we can get data into the archive?
   There are several ways, depending on where the data is, what the data is, and any applications associated with it. For example, if the data is user home directory data or shared folder data, we could use Hitachi Data Ingestor (HDI) software to automatically and transparently protect and migrate that data into Hitachi Content Platform (HCP). Hitachi NAS Platform (HNAS) also has native functionality to move data from its file systems into HCP. If the data is on NAS or in databases, we may partner with industry-leading vendors such as Rocket/Arkivio for file data, or Informatica for databases, to get that data into HCP. Email could be used in conjunction with Symantec Enterprise Vault.

2. You mentioned NOT backing up the archive – how do we know the data is protected?
   Hitachi Content Platform is designed for long-term preservation of data (digital assets), in the form of objects. The system is designed to constantly and vigilantly monitor objects to guarantee the integrity and authenticity of the data stored, for an indefinite period of time.

3. How does the intelligent archive integrate with other cloud strategies?
   The intelligent archive can be deployed and/or “consumed” in several ways. Three high-level options are as private cloud, public cloud or hybrid cloud. Private is HCP as a cloud platform, on the customer premises. HCP as a public cloud is through the use of service providers. And as a hybrid cloud, using a mix of both local and off-premise interoperability.
   Is there a list of all the applications that HCP supports? Is there a certification process?
   Yes, there is a complete support matrix of ISV (independent software vendors) for Hitachi Content Platform, which can be provided as needed. HDS and the ISV work together on these certifications.

4. What is required to migrate data into HCP automatically? Does it allow integration with different platforms?
   As in question #1, the movement (including, but not exclusive to, migration) of data into HCP can be accomplished a variety of ways. It depends on what type of data, where it is, and what applications are involved. Those variables determine the integrations required, if any, for different platforms.
   Once in HCP, can you move or copy to tape?
Both options are supported. A tape library can be used for a copy (that is, for archive recovery) of the data, as well as for a move (that is, migrate as a secondary tier/target) of the data.

5. **How does HDI help to migrate data into HCP? Can you explain a little more of HDI?**
   Hitachi Data Ingestor was designed from the beginning to provide seamless interaction with Content Platform. The software is programmed to copy and tier/migrate data from the HDI cache into HCP, automatically, transparently and based on policies. This is done using the HTTP(s) protocol over a LAN or WAN, and leveraging advanced object-storage functionality in HCP.