Accelerate your Hitachi Dynamic Provisioning software deployment with Hitachi Data Systems Services. Improve capacity planning, simplify administration and optimize storage performance.

**Hitachi Dynamic Provisioning Design and Implementation Service**

**Fine-Tune Your Environment for Maximum Efficiency**

Ongoing rapid growth of data storage requirements and escalating storage and storage management expenses increasingly challenge today’s companies. Hitachi Dynamic Provisioning software eases these concerns by greatly simplifying the application storage provisioning process and saving IT money on storage purchases.

Dynamic Provisioning allows storage to be allocated to an application without it actually being physically mapped until it is used. This just-in-time method means storage allocations can exceed the amount of storage that is physically installed. It also decouples the provisioning of storage to an application from the physical addition of storage capacity to the storage system. Both capabilities significantly simplify the storage provisioning process. As physical storage is nondisruptively added to the storage system, it is placed in a central pool that is available to all thin provisioned volumes. When an application requires additional capacity, the storage system automatically allocates the additional physical storage needed by the volume.

Behind the scenes, Dynamic Provisioning monitors storage resources and proactively sends alerts before more physical storage is required. This capability simplifies performance optimization by transparently spreading many individual application data sets across many physical disks, reducing performance management concerns and optimizing performance and throughput. Coupled with the advanced features and reliability of Hitachi storage systems, Dynamic Provisioning offers reduced capital and management expenses and an improved return on storage investment.

**Speed Your Dynamic Provisioning Deployment with Hitachi Data Systems Services**

Hitachi Data Systems Global Services organization experts are ready to accelerate your Dynamic Provisioning deployment. Through the Hitachi Dynamic Provisioning Design and Implementation Service, we provide an infrastructure design that is optimal for each unique environment. We determine pool sizes and best virtual LUN characteristics, and identify existing applications that are a good fit with Dynamic Provisioning software. That means you can eliminate the traditional and time-consuming procedure of provisioning storage volumes on a per-application basis, or adding more physical disks. You can now simply draw from the Dynamic Provisioning software pool when more storage is required.

**Features and Scope**

Hitachi Dynamic Provisioning Design and Implementation Service includes:

- Installation and configuration of Dynamic Provisioning in your Hitachi storage system.
- 4 pools.
- 1 application, which will be selected for use with Dynamic Provisioning.
- Integration of threshold alerts into your existing systems-monitoring processes, set according to Hitachi Data Systems best practices.
- Knowledge transfer on the operations and threshold alerts of Dynamic Provisioning.
Benefits

Organizations often overprovision storage in an effort to minimize application disruption when a LUN must be expanded to accommodate growth. Subsequently, very expensive service disruptions occur during the LUN expansion, and significant amounts of storage are wasted as part of the overprovisioning strategy. Hitachi Dynamic Provisioning Design and Implementation Service solves these challenges by:

- Selecting the most appropriate applications to benefit from Dynamic Provisioning.
- Ensuring that inappropriate applications are left “as is.”
- Setting realistic pool sizes.
- Establishing realistic threshold values and establishes the process to handle them.

Take the Next Step

Let Hitachi Data Systems services experts ensure that your Dynamic Provisioning software implementation is performed quickly and correctly so you can reduce total cost of ownership by deferring acquisitions and improving overall storage utilization. Contact us at www.HDS.com to learn more.