

Checklist for Content Mobility Readiness

As members of your workforce become increasingly mobile, they need real-time, remote and secure access to your company's fast-growing information. To ensure the right data is in the right place at the right time, your organization needs a solution that provides your workforce with data and cloud mobility. By using this checklist, you can determine the readiness of your content mobility solution.

❑ PRIVATE CLOUD OBJECT STORAGE

Private cloud object storage can be leveraged to architect, create and automate on-premises clouds, facilitate hybrid cloud solutions and power public cloud services.

Enterprise Data Mobility Advantage: Enables organizations to evolve with new mobile, 3rd-party platform and cloud service technologies. They can easily scale to handle sudden or planned changes in demand, make efficient use of capacity with deduplication and compression, and eliminate the need for tape-based backups. These capabilities provide greater agility and cost savings, and they support cloud mobility with multiple levels of service. At the same time, they keep data secure.

❑ TIERING OR BURSTING TO PUBLIC CLOUD STORAGE

Adaptive cloud tiering capability enables automatic tiering of data to the most appropriate cloud storage tier by adapting to changes in file metadata, such as last access and days since creation. This capability supports tiering to leading external cloud services, such as S3, Azure, Google and Hitachi Cloud Services.

Enterprise Cloud Mobility Advantage: Allows organizations to choose the best storage option that minimizes total cost of ownership and maximizes data security. This capability enables the system to readily adapt to immediate needs for more storage by bursting data to a cloud of choice. It also allows organizations to balance on-site capital expenditure (capex) and associated storage solution purchase plans with the operating expenditure (opex) benefits provided by public cloud services.

❑ ACCESS TO NAS DATA, ANYWHERE

Roaming home directories demonstrate content mobility across remote or branch office locations and provide users with read/write access from any office. Enterprise data mobilization also allows NAS shares to be accessed from mobile devices.

Enterprise Workforce Mobility Advantage: Simplifies access and management across different sites and devices to enable a wide-area content distribution network. This capability supports roaming users by providing access to content in home directories and NAS shares across a network of systems and devices connected to the private cloud object store. It encrypts data to ensure security.

❑ FILE SYNC AND SHARE

Safe, secure and collaborative file and folder synchronization and sharing that is enterprise-ready and hardened for the uncontrolled Internet allows users to access work files anywhere, anytime, from any device and in a variety of languages. This capability works with the private cloud object storage to provide built-in mobile device management, 2-factor authentication, auditing and full integration with Microsoft® Active Directory®, making it secure, simple and smart.

Enterprise Workforce Mobility Advantage: Enables organizations to empower mobile workforces to use work content from any Internet-connected device, including PCs, tablets and smartphones without the security compromises of public sync and share tools. File sync and share helps prevent “rogue” data, empowers users to collaborate and be more productive, supports bring-your-own-device (BYOD) initiatives, and allows data to be securely shared inside and outside the organization.

❑ VIRTUAL MACHINE SUPPORT

Virtual machine support provides an ideal storage management framework to complement virtual server environments, such as VMware. It enables transparent and nondisruptive data volume movement between storage tiers and virtualized storage systems in a software-defined model.

Enterprise Data Mobility Advantage: Provides unified management across all data types and virtualized or software-defined storage systems. By managing the movement of data based on performance, capacity and cost requirements, organizations can increase data mobility, simplify tiered storage management, and eliminate application interruptions during data migrations.

❑ BROAD PROTOCOL SUPPORT

Support is provided for myriad 3rd-party and custom applications as well as typical protocols, such as HTTP/REST, S3, NFS, CIFS, SMTP, OpenStack and others. Includes support for Internet Protocol v6 (IPv6), which simplifies address management, adds support for new devices, and makes it easier for providers to integrate with enterprise private clouds.

Enterprise Cloud Mobility Advantage: Provides greater IT agility by supporting traditional, cloud and next-generation workloads, and enabling all data to reside in a single integrated system. This approach consolidates unstructured data into the private cloud object store for more efficient storage, better control and visibility over the data, and greater insight through search and analysis.



The Hitachi Data Systems integrated solution for workforce mobility and secure hybrid cloud gives you the agility to quickly address new or changing business demands as they arise. With this solution, you can incorporate cloud capabilities with the visibility and control to ensure secure access to data at any time, in any place. At the same time, it optimizes your costs through automated and efficient data management, while also allowing you to better balance capex and opex.



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