Storage

Backup

Data Backup and Recovery Service

The service offers secure backup of mission-critical business data and data recovery if needed. Many types of backups are supported, such as OS snapshots of Virtual Server(Regular/Large), file system of Bare Metal Servers, online backups of databases, and NAS snapshots. The backup target, path, cycle, period and other plans can be determined according to corporate policy and user environments.

Support for Various Platforms

Optimized backup/recovery service for various business purposes to securely back up critical customer data. OS Snapshots for Linux and Windows, file system of Bare Metal Servers and NAS snapshot images are supported. Online database backup is supported with 7 workload-intensive RDBs and 2 No-SQL.

Flexible Backup Methods

Users have a flexible choice of backup target, storage, period and schedule. For large data storage at a lower cost, backup data can be saved in Object Storage.
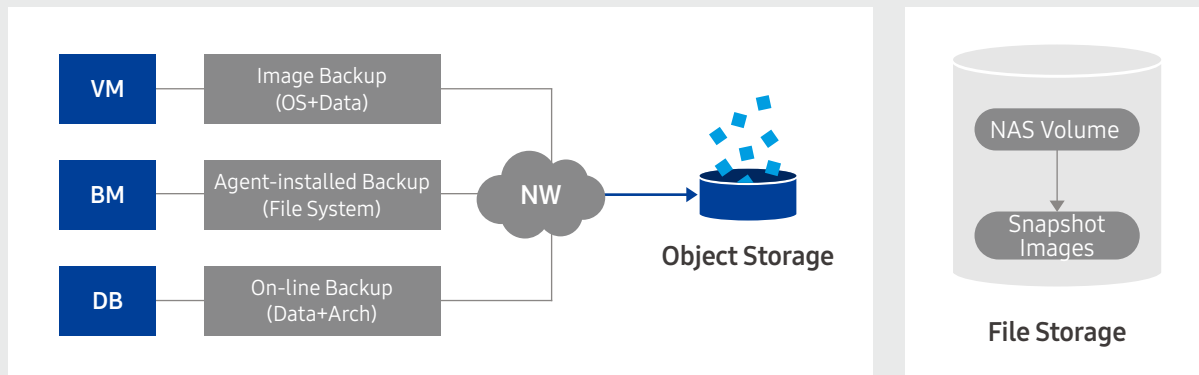
Rapid Data Recovery

Reliable and rapid recovery is provided in case of data damage or loss. Recovery using VM image snapshots creates new VM with the backup, and file system backup of a Bare Metal Server recovers by the file system. DB backup recovers the entire DB or by table. NAS snapshots also enable fast recovery by each NAS volume.

Networks Dedicated for Backup

Using the separate 10G backup network, potential impact on the network during backup is minimized while unauthorized access to data is fundamentally blocked using authority management for backup systems.

Service Architecture

Key Features

- **Backup plan development**
  - Select servers to be backed up from backup media (Object Storage)
  - Select location of backup storage path (directory) and storage period
  - Set backup cycles (daily, weekly, monthly or custom) and backup time (custom, immediately)

- **Backup types according to target**
  - Virtual Server(Regular/Large) : Image backup (OS and Data snapshots)
  - Bare Metal Server : Agent-installed backup (file system)
  - Database : Online backup (data) and archive backup
    - RDB : EPAS, PostgreSQL, MariaDB, MySQL, MS SQL, Tibero, Vertica
    - NoSQL : CacheStore
  - NAS : Snapshot image backup (stored within File Storage)

- **Recovery**
  - Select data to be recovered (image of VM, file system of BM, DB, NAS)
  - Conduct point-in-time recovery of data (select from executed backup versions)
  - Monitor recovery status (normal or failure)

- **Save backups to DR center**
  - Store VM image/snapshot/backup on backup storage in the same region as the original
  - Use DR option, the backup copies are stored on DR storage in different regions from the original (additional charges incurred)

Pricing

- **Billing**
  - The amount of average monthly backup data stored (GB) x unit price
    ※ Pricing for backup storage applies based on the original data volume of source

- **Metering standard**
  - Storage usage : The amount of backup data stored
  - Discount rates applied according to the usage

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