

# 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(Standard/High capacity) and file system of Bare Metal Servers. The backup target, 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 and file system of Bare Metal Servers.

※ File Storage snapshot and database backup can be requested and managed through respective servers.



### 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

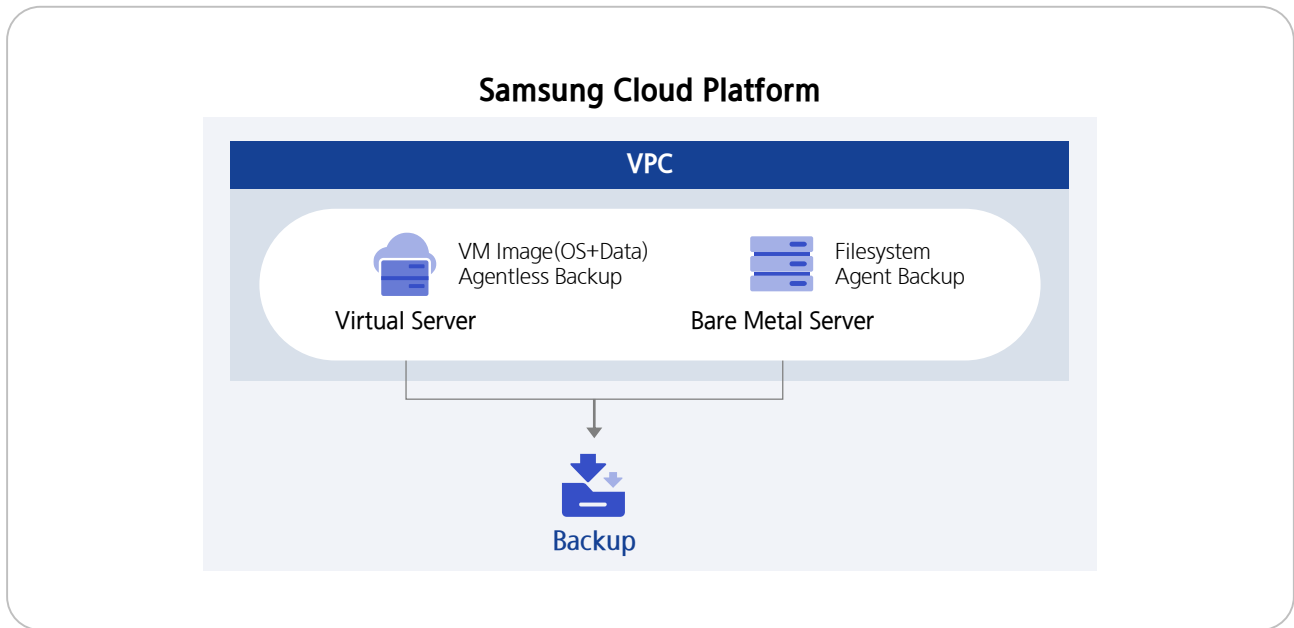
Reliable and rapid recovery is provided in case of data damage or loss. Recovery using VM image snapshots creates new VM with the backup, and file system backup of a Bare Metal Server recovers by the file system.



### 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(Standard/High capacity) : Image backup(OS and data snapshots)
  - Bare Metal Server : Agent-installed backup(file system)
- **Recovery**
  - Select data to be recovered(image of VM, file system of BM)
  - 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)

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