

# Online Snapshot

## Image-based, managed cloud backup

### Solution Highlights

- Fully managed service
- High frequency backups
- Automated offsite replication
- Backup and restore data quickly
- Virtual Boot Recovery
- Fully scalable with no capital investment required
- Onsite Media Agent
- Granular recovery for Microsoft Exchange



### Managed onsite and offsite backup for Windows servers, with 15-minute increments

Plan B proactively manage your onsite backup environment, taking image based backups of your Windows servers as frequently as every 15 minutes.

We also manage offsite replication, provide troubleshooting and advice on backup issues, action change requests, and perform requested restoration functions as required. Your backups are stored onsite and replicated offsite to one of Plan B's data centres.

### Why do you need it?

If your business relies on rapidly changing data, frequent offsite backups are essential to ensure business continuity and recoverability.

By outsourcing your backup, you can be sure that we are managing your backups so you don't need to. We can also provide support with recovery to ensure minimal downtime.

### Why this solution?

Plan B's Online Snapshot makes it easy for you to:

- Access **managed, image based backup** technology.
- Use **full server and file level recovery options**, self-managed or with Plan B support.
- Achieve a **RPO (Recovery Point Objective) as low as 15-minutes** for Microsoft Windows servers.
- Rely on **automated offsite replication** of backups.
- **Restore rapidly** from the onsite Media Agent.
- **Boot a server from the latest backup image** into a functional state within the onsite Media Agent.
- Access scalable backup systems **without committing any capital investment** for backup infrastructure.
- **Keep your data safe** with encryption and password protection.
- Add **granular recovery for Microsoft Exchange** data for additional recovery capabilities.

Plan B Online Snapshot ensures your backup is run and transferred offsite frequently, while also being accessible onsite for rapid recovery.

## Key Features

### Backup Process

- Backup software is installed on each of the servers to be protected.
- Incremental backups are taken as frequently as every 15 minutes and saved to a local Media Agent before transferring to Plan B.

### Offsite Replication

- Backups are replicated offsite to Plan B's NZ-based storage grid.
- Only changed data is backed up and replicated offsite
- Block level data compression is applied to all backups.
- Data is encrypted with a RC4 128, AES 128 or 256 Bit algorithm.
- MD5 hash checks of backup data are automatically performed onsite and again once replicated offsite to verify the integrity of the backup file.

### Storage

- Data stored in the Plan B repository is consolidated nightly as follows:
  - Daily - a single point-in-time 'collapsed daily' snapshot is generated from the day's incremental backups. Any intra-daily incremental older than 2 days will be deleted.
  - Weekly - at the end of each week a single point-in-time 'collapsed weekly' snapshot is generated from the daily consolidated incremental backups. Any daily consolidated incremental older than 7 days will be deleted.
  - Monthly - at the end of each month a single point-in-time 'collapsed monthly' snapshot is generated from the weekly consolidated incremental backups. Any weekly consolidated incremental more than 4 weeks old will be deleted.
- More details about our consolidation process are available on request.
- Long-term data retention (monthly to tape) is available as an option.

### Recovery

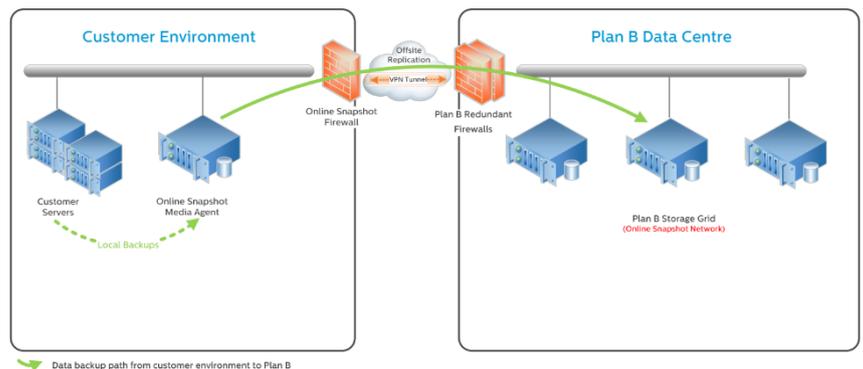
- Online Snapshot supports customer self-managed restores or Plan B assisted restores (fees apply).
- Recovery can be completed at any time from your onsite Media Agent or via Plan B's offsite environment.

## How does it work?

Plan B's Online Snapshot service creates sector level backup images as often as every 15 minutes and stores duplicate copies at your site and one of Plan B's data centres.

The service is highly secure, cost effective, and helps to minimise the risk of data loss from your production environment. It provides an enterprise level solution that can be implemented quickly and managed independently from your normal production environment. In addition, Online Snapshot provides options for faster onsite recovery.

### Solution Overview:



## How does Online Snapshot compare with other cloud backup solutions?

Feature	Online Snapshot	Offsite Tapes	Public Cloud	IT Specialists
Backup Managed For You	✓	✗	✗	✓
Frequent Backups	✓	✗	Varies	✓
Backup Moved Offsite Regularly	✓	✓	Varies	Varies
Local & Cloud Restore Options	✓	✗	✗	Varies
No Capital Investment	✓	✗	✓	Varies
100% NZ Hosted	✓	✓	✗	Varies

## About Plan B & ICONZ

Plan B provides NZ-hosted and supported business continuity, cloud infrastructure, and networking solutions to organisations around New Zealand, including many of the most recognised global and local brands.

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