

## Why ZCB?

### Reliable backup technology

Robust, proven technology with full control of backup levels – Full, Differential and Incremental

### Live application and open file backup

Native support for live backup of open files and applications such as SQL Server, Exchange, SharePoint, MySQL, Oracle, & System State

### Unparalleled flexibility to fit your needs perfectly

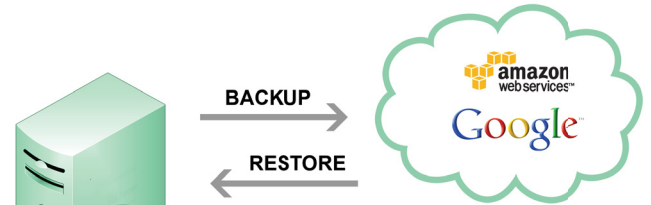
Supports hybrid backup for faster restores and enhanced redundancy; supports local backups and flexible data retention policy, backup/upload schedules and backup levels

### The power of open and secure

Backup data is stored in non-proprietary data formats and can be accessed directly; encryption based on user-specified key and guarantees 100% data privacy

## Zmanda Cloud Backup Comprehensive Live Backup for Windows

**Zmanda Cloud Backup (ZCB)** is a comprehensive backup solution for Windows Systems. It is highly flexible and feature-rich, backs up everything including live applications such as SQL Server and Exchange, to highly dependable storage clouds - Amazon S3 and Google Cloud Storage.

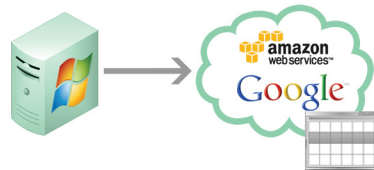


### Backup Anything

- Choose any files – unlimited size, any extension
- Open/locked files such as Outlook .pst files
- Backup live applications such as SQL Server, Exchange, SharePoint, MySQL and Oracle without any disruption
- Backup Windows System State - for Disaster Recovery
- Backup external drives and network drives

### Implement your Backup Strategy

- Combine Full/Incremental/Differential backups levels as per your redundancy and restore time considerations
- Freely specify how long you want to keep your backup data on local or cloud storage - from 0 days to forever
- Powerful, flexible scheduling
- Support for Hybrid backups (for faster restores and enhanced redundancy)



Direct Backup to Cloud



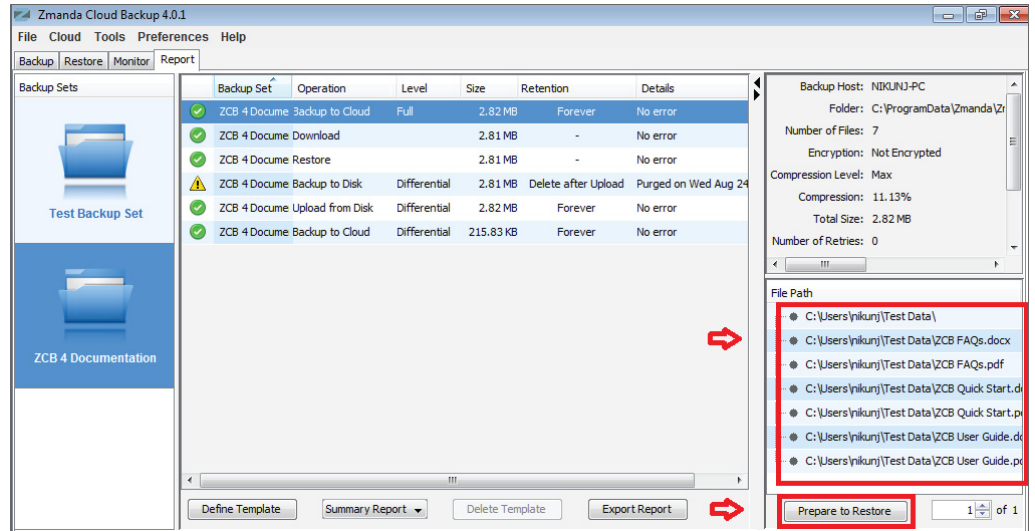
Hybrid Backup (D2D2C)

### Robust Public Clouds

- Supports SLA backed public storage clouds - Amazon S3 and Google Cloud Storage
- Choose from 7 Amazon S3 regions in US, Brazil, Europe, Singapore or Tokyo
- Choose from 2 Google Cloud Storage locations in US and Europe

### One Click Restore

- One click, hassle-free point-in-time recovery
- Block level downloads for restores
- Restore to an alternate machine (Disaster Recovery)



### Performance

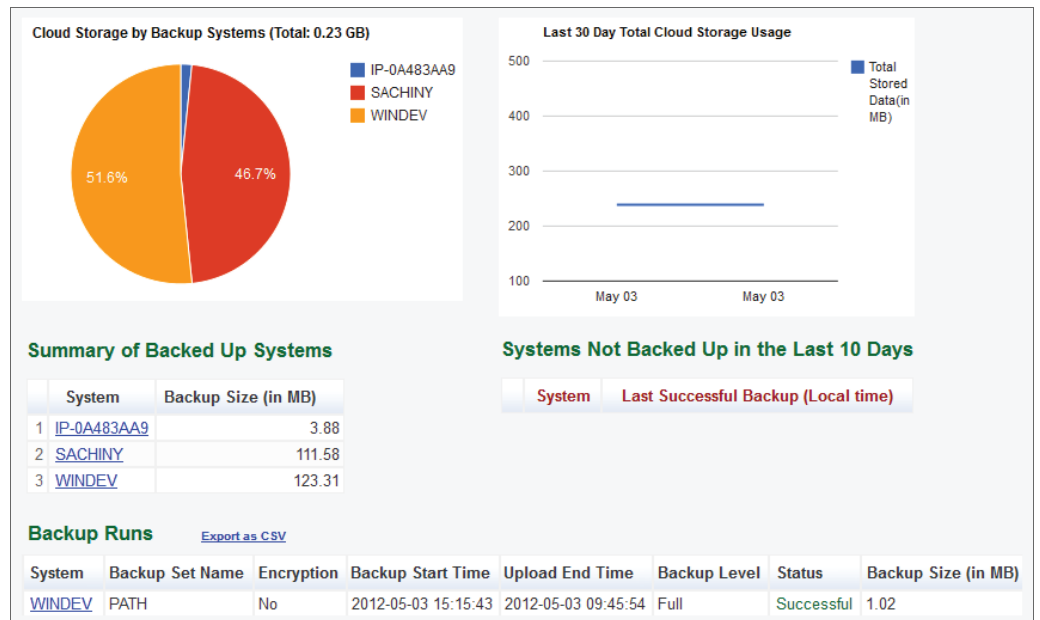
- Choose the Amazon/Google datacenter fastest for your location
- Multi-threaded data transfer to fully exploit your available bandwidth
- Time window based bandwidth throttling to meet your dynamically changing network constraints

### Feel Safe, Feel Secure

- Optional per user, Windows PFX certificates based 128 bit encryption using ARC4 algorithm
- Optional 128 bit SSL transfer
- Data is directly uploaded to cloud and is never sent to any other server
- Stringent access control enforced by Amazon and Google

### Intuitive Reporting

- Web interface to monitor backup activity across multiple ZCB installations
- Discover slip ups before they become critical issues
- Track your historic usage and compliance with your organization's backup policies



## Support Matrix

<b>Windows Versions</b>	Windows 2003 Server, Windows 2008 Server, Windows 7, Windows Vista, Windows XP Pro, Windows XP Home, Windows SBS 2003/2008/2011	
<b>Windows File System Backup</b>	Supported file system	NTFS
	Maximum File Size	No limit
	Backup levels	Full, Differential, Incremental
	Backup open files	Supported (except open files on network mapped drives)
	Backup external disk	Supported
	Backup network drive	Supported (CIFS & NFS)
	Exclude file types	Yes
<b>Microsoft SQL Server Backup</b>	Supported versions	SQL 2000, 2005, 2008, 2011
	Live backup	Yes (VSS based)
	Backup levels	Full, Differential
	Backup only changed blocks	Yes
	Granularity	Database level
<b>Microsoft Exchange Server Backup</b>	Supported versions	Exchange 2003, 2007, 2010
	Live backup	Yes (VSS based)
	Backup levels	Full, Differential, Incremental
	Backup of Log files	Yes (Differential & Incremental)
	Granularity	Mailbox store & Public folder store level
<b>Microsoft SharePoint Server Backup</b>	Supported versions	SharePoint 2005, 2010
	Live backup	Yes (VSS based)
	Backup levels	Full, Differential
	Granularity	System level
	Topology	Standalone Farm
<b>Windows System State Backup</b>	Live backup	Yes (VSS based)
	Backup levels	Full
	Active directory	Yes
	Sysvol	Yes
	Certificate server	Yes
	Boot files	Yes
	IIS	Yes
	Registry	Yes
	Granularity	System level
<b>MySQL Server Backup</b>	Supported versions	MySQL 5.0 and above
	Live backup	No (Queries not affected)
	Backup levels	Full
	Remote MySQL Server Backup	Yes
	Granularity	Database & Table level
<b>Oracle Server Backup</b>	Supported versions	Oracle 10g and above
	Live backup	Yes (VSS based)
	Backup levels	Full, Differential, Incremental
	Supported Modes	Archive Log, No-archive Log
	Granularity	System Level