



Infotech Ltd

www.zenithinfotech.com

Backup & Disaster Recovery Platform



Zenith Management Plans

Zenith Managed BDR and Services
Combine the BDR Solution with our Managed Services offering and leverage Zenith's NOC to proactively monitor and manage both NAS and Servers.

Zenith Managed BDR Only
Leverage Zenith's NOC to proactively monitor and manage your NAS.

Self-Managed BDR

Just interested in the robust features of the NAS Device? We provide the tools to monitor and manage the entire solution yourself.

Web-Based Portal

Features

- Centralized Management
- Performance Metrics
- Remote Control
- Patch Management
- Centralized Reporting
- Ticketing
- Online Chat Support
- Alerts & Notifications
- Configuration Management



NAS Models	BDR100t/ts	BDR1100t/ts	BDR200t/ts	BDR2100t/ts	BDR2100r/rs	BDR3100r/rs
Form Factor	Tower	Tower	Tower	Tower	2U Rackmount	2U Rackmount
CPU	Athlon DualCore	Opteron DualCore	Opteron DualCore	Opteron DualCore	Opteron DualCore	2xDualCore AMD Opteron
RAID	No	RAID 1	No	RAID 1	RAID 1	RAID 5
Data Volume Capacity	400GB (500GBx1)	400GB (500GBx2)	1TB (1TBx1)	1TB (1TBx2) RAID 1	1TB (1TBx2) RAID 1	2TB (4x750GB) RAID 5
System Sparse File Capacity	Same as Data Volume	Same as Data Volume	160GB Separate Drive	160GB (160GBx2) RAID 1	160GB (160GBx2) RAID 1	160GB (160GBx2) RAID 1
Servers (Recommended)	2	2	6	6	6	10
Memory	4GB	8GB	8GB	8GB	8GB	16GB
Gigabyte Network Interface Cards	1	2	2	2	2	2
Virtual Machine Acceleration	No	No	Yes	Yes	Yes	Yes
Included Exchange Restoration Licenses	50	50	100	100	100	200

Bare Metal Restore

Restore to Dissimilar Hardware

- Boot to the BMR recovery environment
- Map a drive to the BDR
- Install the necessary drivers
- Restore from backup image

Features

- Virtual to physical restores
- Virtual to virtual restores
- Restore to dissimilar hardware
- Integrated driver support
- Multiple partition restore
- Windows domain controller support

Virtual Machine, Identical Hardware, Dissimilar Hardware

Backup & Recovery

Backup & Recovery

- Select server volumes for backup
- Set the backup schedule
- Install the backup agents
- Execute backup jobs
- View reports on web-based portal

Features

- 15 minute snapshots
- 256-bit AES encryption
- Windows server support for 32 and 64-bit OS's
- Disk based backup
- File & folder restores
- System restores
- Recover using drag & drop functionality
- Exchange message level recovery
- Database & application level recovery
- VSS aware
- Sync to external drive options
- Multiple restore points locally & offsite

Restore Message to Alternate Location or Exchange Server, Exchange Server, Backup Exchange Databases, Run Exchange Tools

Stand by Servers

Server Virtualization

- Identify server to be virtualized
- Specify RAM
- Select virtualization mode
- Select backup file
- Run Migration Wizard
- Boot virtual machine

Features

- Runs directly from the NAS
- Virtualize a server in less than 30 minutes
- Hardware independent
- Shorten RTO's
- Select a point-in-time snapshot just before the failure
- Virtual server will have the same network settings
- Backups occur during virtualization
- Virtualize directly from backups
- Perform real or test virtualizations
- Perform a BMR back to your production server

Failed/Crashed Server, Backup to BDR Unit, Browse to Backup image, Virtual Server

Offsite Replication

Offsite Transfer

- Schedule offsite transfer
- Configure transfer options
- Backups transfer daily to co-location
- Check transfer status via offsite transfer analyzer
- View offsite backups on the web-based portal

Features

- Transfer the base image and incrementals via external drive
- Incremental file transfer over the wire to our co-location
- 256-bit AES encrypted tunnel
- Scheduling options
- Packet level verification
- Bandwidth configuration
- Transfer analyzer
- Backups are replicated once per day to offsite co-location
- Error notification
- Reporting

Destroyed BDR Unit, Reimage BDR Unit from the Colo, Ship Next Day Air to Specified Location, Virtualize Failed Server on BDR Unit