



ATI Echo

Product Update

Agenda

- New key features
- Features by components/processes
 - Backup
 - Restore
 - Acronis Group Server
 - Acronis Backup Server
 - Acronis Bootable Media / Rescue Media



New Key Features

Multi Volume Snapshot

- Option:
enabled/disabled
- Description:
When the option is enabled, ATI makes snapshots for all volumes, that are part of the backup, at one time. Then it starts the backup in the well-known way (sector priorities for writes, etc.)

Multi Volume Snapshot cont.

- Customer advantage:
Multi volume snapshot and MS VSS support allow ATI to backup e.g. a database, that is distributed over multiple volumes, in online mode consistently.

Note: Only use, when really needed. Requires lots of memory.

Archive Consolidation

- Feature:
Available based on filenames and within backup server
- Description:
Customer chooses in a first step the backups he wants to consolidate. In a second step he chooses various point in time to which he wants to be able to restore with the consolidated backup.

Archive Consolidation cont.

- Customer advantage:
 - Make and store backups often; consolidate and reduce amount of backups later.
 - Work with few fulls and many incrementals; create synthetic fulls once in a while to reduce number of backups needed for restore.

Note: Source backups still exist after consolidation into new backups

Dynamic Volumes

- Feature/ Description:
Ability to create Windows dynamic volumes from within the rescue media
- Customer advantage:
Create dynamic volumes on bare metal before restoring the backup

Note: Only additional value when used from within the rescue media

P2V

- Feature:
Ability to convert .tib into a virtual disk (.vmdk, .vhd, .hdd)
- Description:
You choose a Windows system image to convert. This image will then be supplemented with appropriate system drivers for the respective VM and a virtual disk will be created.

P2V cont.

- Customer advantage:
 - Migrate existing physical system into a virtual machine easily.
 - Clone existing physical system into a virtual machine easily.
 - Create different virtual disks containing different point in times of a physical machine

Note: Did your backup contain a boot volume? Then your virtual disk will be bootable. Source backups still exist after conversion into virtual disk

Encrypted Communication

- Feature:
Capability to secure all data transferred between Acronis components within local net and through DMZ, including the backup stream.
- Description:
Encryption starts on the first stage of connection attempt, so all data transferred on the next steps (including data required for client authentication) is encrypted with Secure Socket Layer mechanism.

Encrypted Communic. cont.

- Customer advantage:
Security! Once Acronis True Image Echo Enterprise Server/Workstation components are installed, encrypted communication between the components is enabled automatically.

Note: Earlier versions of Acronis True Image did not support encrypted communication, therefore connection to such components, if they are present on the network, will not be encrypted.

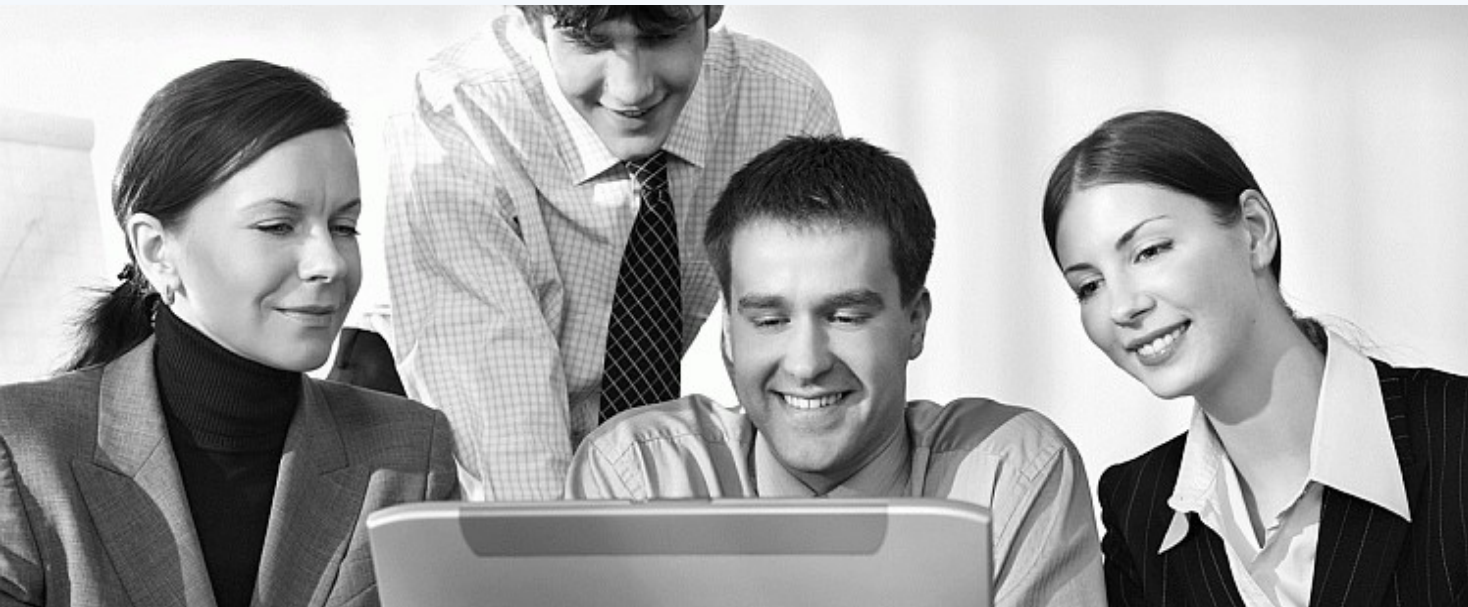
Archive Encryption

- Feature:
Ability to encrypt backup archives using AES.
- Description:
One can choose to encrypt the backup with industry-standard AES cryptographic algorithm. There are 4 choices in ATI Echo: No encryption, 128, 192 and 256-bit encryption.

Archive Encryption cont.

- Customer advantage:
Advanced security!
Data is protected by password and encryption.
The longer the key size, the longer is the time needed to cipher, but the better is data security.

Note: Encryption requires a password protected backup



Features by Components / Processes

Backup

- E-mail notifications to many e-mail addresses
Syntax: „name1@address1; name2@address2“
- Options: ignore bad sectors, silent mode (no pop-ups, continue on all errors)
- Option: Dual destination backup
Backup to Acronis Secure Zone AND local drive, network share or FTP server
- Control network bandwidth usage when backing up to FTP
- Tape library support: Backup to a tape drive, that is located within a tape library

Restore

- Restore files to new custom folders
- AUR officially supports dynamic drives
- Silent options, control network bandwidth and tape support:
Same as for Backup

Group Server

- Import and export computers through .txt or .csv files
- Run, stop, restart, edit, check group tasks
- Group validation tasks
- Set status refresh rate
- Wake on LAN for backup
- Push agent to multiple machines

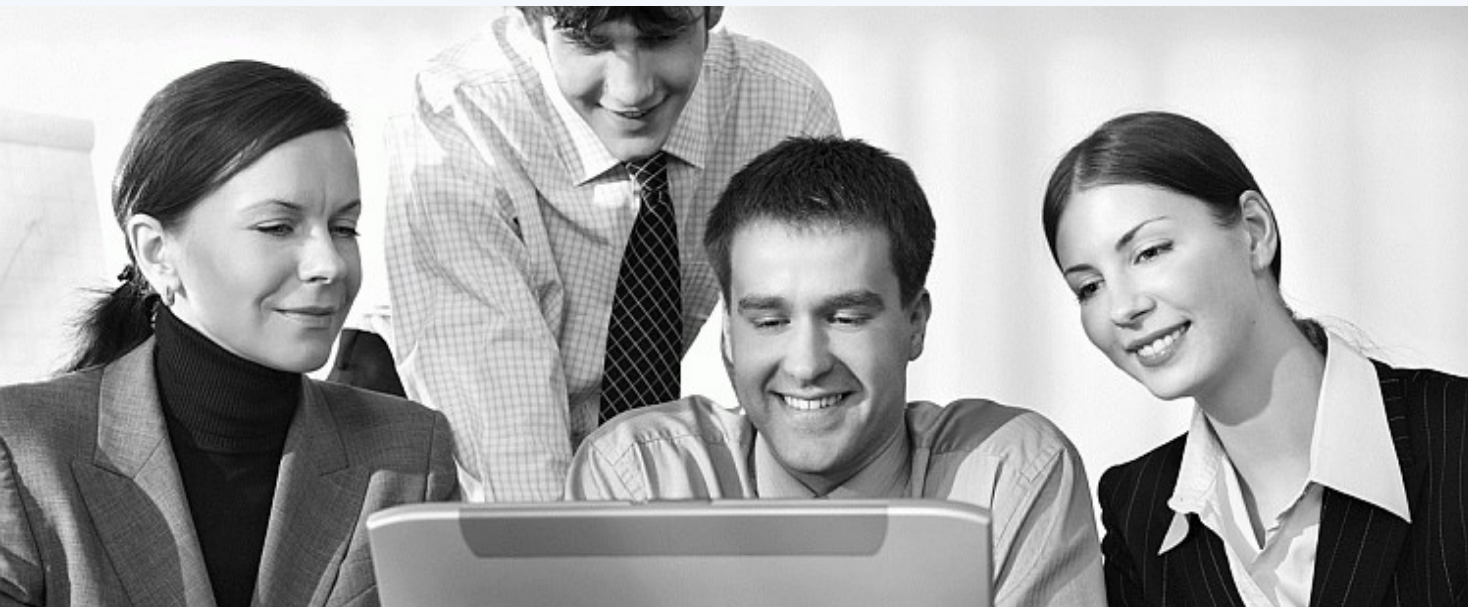
Backup Server

- Import and export archives from and to external locations
- Limit number of connections
- Limit bandwidth used per connection
- More accurate user name checking

Acronis Rescue Media

- Is now Linux kernel 2.6!
Better support for new hardware, more robust,
boots faster.
- Support for dynamic disk
- Everything else works as usual

Note: Some older hardware may not be supported any more!



Questions?