

Restoring Your System...

A Road Map to 'Recovery'

The Villages Computer Club

Bob Walton

March 14, 2008

Outline

- A quick review of backing up
- Hints/Tips on backing up
- Software tools for Backup/Restore
- Options for restoring
- Computer failure scenarios
- Best approaches

Develop An Integrated Road Map/Plan for Backup & Recovery

Destination

From —————▶ To



Why Recovery Is So Difficult

- Psychological barriers
 - Computers, like humans, will die
- Not fun to backup & restore data
- Time consuming

What to Backup

- 'stuff' you created
- specialized drivers (video cards, printers, etc)
- downloaded applications
- settings used by applications

Backup Hints/Tips

- Store and organize installation disks/media
(OS, recovery, applications, drivers, etc)
- Print hard copy of:
 - Product keys, unlock keys
 - Username/Passwords/Logins
 - Belarc Advisor report ^[1]

Backup Hints/Tips

- Save downloaded applications into special document folders (e.g. Free & Paid)
- Create special folder for application settings
- Use specialized application Backup/Restore programs, where available

← →

‣ RJW ‣ Documents ‣ Temp ‣

File Edit View Tools Help

Organize Views Burn

Favorite Links

- Documents
- Pictures
- Music
- Recently Changed
- Searches
- Public

Name	Date modified	Type
Data.CoreApps	03/15/2008 06:12 PM	File Folder
Downloads.Free&Paid	03/15/2008 06:09 PM	File Folder

RJW Documents Temp Data.CoreApps

File Edit View Tools Help

Organize Views Burn

- Documents
- Pictures
- Music
- Recently Changed
- Searches
- Public

Name	Date modified	Type
Firefox.Backup	03/15/2008 06:10 ...	File Folder
RoboForm.Backup	03/15/2008 06:10 ...	File Folder
SyncBack.Backup	03/15/2008 06:11 ...	File Folder
Thunderbird.Backup	03/15/2008 06:11 ...	File Folder

Specialized Application Backup/Restore Programs

- *Outlook:*
 - Outlook 2003-2002 Personal Folders Backup tool from Microsoft ^[2]
 - Outlook 2007 Personal Folders Backup tool from Microsoft ^[3]
- *Outlook Express:*
 - Outlook Express Backup 6.5 ^[4]

Specialized Application Backup/Restore Programs

- *Firefox & Thunderbird*
 - MozBackup 1.4.7^[5]
- *File Backup*
 - SyncBack Freeware^[6]

Restore options

2 Tools:

- Disk Imaging
- Full Backup (traditional)

Backup/Restore: Method Comparison

Criteria	<i>Imaging</i>	<i>Full backup</i>
<i>All files</i>	Yes	No
<i>Complexity</i>	Low	High
<i>Size</i>	Large	Small
<i>Speed</i>	Slow	Fast

Failure Scenarios

- (1) Hard drive
- (2) Software corruption
- (3) Motherboard failure or system loss

Outline

- A quick review of backing up
- Hints/Tips on backing up
- Software tools for Backup/Restore
- Options for restoring
- Computer failure scenarios
- Best approaches

References

[1] Belarc Advisor report

http://www.belarc.com/free_download.html

[2] Outlook 2003-2002 Add-In: Personal Folders Backup tool (from Microsoft)

<http://office.microsoft.com/en-us/outlook/HA010875321033.aspx>

<http://www.microsoft.com/downloads/details.aspx?FamilyID=8b081f3a-b7d0-4b16-b8af-5a6322f4fd01&displaylang=en>

[3] Outlook 2007 Personal Folders Backup tool (from Microsoft)

<http://office.microsoft.com/en-us/outlook/HA100758021033.aspx?pid=CH100788841033>

<http://turtleflock-ol2007.spaces.live.com/blog/cns!C1013F1F9A99E3D8!114.entry>

[4] Outlook Express Backup 6.5

<http://www.genie-soft.com/products/oeb/default.html>

[5] MozBackup 1.4.7 (FireFox, Thunderbird)

<http://mozbackup.jasnapaka.com/>

[6] SyncBack Freeware (Backup & Synchronization)

<http://www.2brightsparks.com/freeware/index.html>