

IST 251 – Chapter 16 – Backing up and Restoring Data

Backup-job – a single process of backing up data.

Backing Up Data

Backup types:

1. Normal – FULL BACKUP – all files and folders are backed up. – marks files as being backed up. Takes the longest and most space to backup, but quicker restores. – usually used with differential, incremental or daily backups.
2. Copy - all files are backed up, but no markers are setup.
3. Differential – only selected files that have a marker are backed up.
4. Incremental – only selected files are backed up, but does clear markers – very fast at backing up, but very slow at restoring.
5. daily – all files changed that day are backed up.

Ntbackup – windows backup utility

Using Task Scheduler to schedule your backups.

Restoring Data.

Automated System Recovery Wizard – used to backup an entire system instead of just selected data. ASRW creates 2 things:

1. a floppy disk with your system settings
2. a backup file of your local system partition

Take backups off site if possible, or store in a fire-proof safe.