MicroWorld has released a new auto-backup/restore feature within eScan

1. Backup of files having extension EXE, DLL, OCX, SYS, DRV and CPL will be taken

eScan during the real-time scanning of the files will keep backing-up clean files. It will backup the files with the above mentioned extensions. Backup of files is also taken on basis of File Type (All PE executables are backed up). The backup is stored in the Fbackup folder (configurable) which is created in the C:\Progra~1\escan folder by default. This feature can be enabled / disabled as per the users needs.

(Please refer: http://download1.mwti.net/wiki/index.php/Escan/english/eScan-FAQ119)

2. Backup (by default) will be taken only of files having size less than 14MB. And it will take of those files having a version number.

The backup process will check the size and the version number of the files. The files with a size less than 14Mb and with a version number in the resource details will be backed-up. The files which fail these criteria will not be backed-up by eScan.

3. Backup will be kept in encrypted format in the folder where eScan is installed.

The files backed-up will be stored in an encrypted format. The encryption of the files will prevent the files from getting infected. This is the added advantage with the files backed-up by eScan.

(Please refer: http://download1.mwti.net/wiki/index.php/Escan/english/eScan-FAQ119)

4. Backups will be taken ONLY if the drive has over 500MB free disk space.

This feature has a threshold for the available space on the drive. This feature will work if the free space on the selected drive letter is greater than 500MB (Default) and will automatically stop working if the available drive space gets below the threshold level. The threshold level can be changed as per the user requirement.

(Please refer: http://download1.mwti.net/wiki/index.php/Escan/english/eScan-FAQ119)

5. If a file gets infected with a virus, first priority will be given to RESTORING the file from backup. And second will be to disinfect the file.

If in-case the original file in the system gets infected, eScan automatically restores the file from its backup folder. This feature can be called a smart-extension to the Windows DllCache implemention - where in Windows itself keeps a backup (though not in encrypted format) of few important system files, and tries to restore the same, if deleted, from the primary location.

6. eScan will NEVER take backups of infected files.

eSan backup feature takes the backup of only clean files and will never backup any infected files. So, you will always have a backup of only clean files in the Fbackup folder.

7. If an unknown virus is present, and a backup of this virus happens, in subsequent updates, the backup of the virus will automatically be removed.

This feature is smart enough to disinfect files infected with some infection unknown to eScan. The real time scanning will automatically disinfect the files in the Fbackup folder as and when the disinfection for the unknown/new viruses is available.

8. If you run windows update or install service pack, we will automatically detect these, and a new backup (of updated files) will be taken.

eScan will also backup the new Microsoft update files when the system downloads the new critical updates from the internet or the WSUS server.

9. Backup feature will be ENABLED by default.

This Auto-backup/restore feature is available for all versions of eScan, and is now a part of our regular updates. So, users need not download a hotfix to avail of this feature.

10. On-Demand Scanner inside eScan

The ODS within eScan (MWAV or eScan's file scanner) will also work as per the backup/restore rules given above. Though, the ODS itself will not perform any backup, it will restore a clean file from the backup (in case of an infection), rather than trying to disinfect the file.

Other pertinent points:

1. On restoration, the Last-Modified and Created-Date of the files will be retained.
2. If multiple copies of the same file reside in different locations, only one backup is kept of the files
3. On uninstallation of eScan, all the backup files are removed
4. The feature works seamlessly on all OS versions – workstations, servers (domain and/or terminal)
5. Its available on NT and above, including Windows 7 and Windows 2008 Server.