*******************DOCS ON AUTOMATED DATA BACKUP ****************

source file: backup.bat

Script language: batch script (Microsoft windows)

Testing and Development Environment:

 OS: Microsoft Windows 10

 Date: 9th Dec 2016

Summary:

Creates the backup of changed files and folders only.

Works in windows only.

Implementation:

robocopy is an inbuilt command that copies files from one location to the other. It is prioritized over other commands due to its simple syntax to perform data transaction/s over a network.

Usage:

  robocopy <Source> <Destination> [<File>[...]] [<Options>]

<source> : Specifies the path to the source directory. The path should start from:

  C:\Users\username\ - Without administrator privilege.

  C:\Windows\system32\ - with administrative privelege.

<Destination> : Specifies the path to the destination directory.The path should start from:

  C:\Users\username\ - Without administrator privilege.

  C:\Windows\system32\ - with administrative privelege.

<File> : Specifies the file or files to be copied.

 wildcard characters (***** or **?**) can be used.

 If the **file** parameter is not specified, ***.*** is used as the default value.

<Options> : Specifies options to be used with the robocopy command.

Possible Options:

Some major options are:

1. /s : Copies subdirectories. Note that this option excludes empty directories.

2. /e : copies subdirectories. Note that this option includes empty directories. For additional information.

3. /sl : Copies the symbolic link instead of the target.

4. /xo : Excludes older files.

5. /v : Produces verbose output, and shows all skipped files.

The whole list of possible options can be found at robocopy manual page located at:

https://technet.microsoft.com/en-us/library/cc733145(v=ws.11).aspx

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