MH17

ACRONIS BACKUP

Acronis True Image is a fast and reliable software solution to perform computer disk imaging, cloning, and copying. The high-performance utilities help upgrade, back up, and recover entire disks or selected partitions. Acronis can determine the partition sizes for the destination drive automatically. Acronis can clone directly between two computers using a network, USB, or parallel port connection. Acronis is a very powerful tool designed for technically proficient users.Acronis True Image includes the following features:

* Fast performance
* File system support; FAT, NTFS, EXT, and FHS file systems
* Optical disk support; Ability to write an image directly to a CD-R or DVD±R
* USB flash drive support; Ability to write an image directly to a USB flash drive
* Image file management

The basis of Acronis True Image is a cloning function that creates an image file containing all of the information required to recreate a complete disk or partition. Image files create backup copies of complete drives or partitions. The image file is cloned onto one or more partitions or disks, replacing existing data.

PREPARATION

1. Boot the PC from your HDD to verify that the PC is operating properly.

2. Insert the USB flash drive into one of the PC’s USB 3.0 ports. In Explorer, right click the flash drive and

 select Format…

3. Change the File system to NTFS, <START>. <OK> to the warning. After the format is complete, <OK>, <CLOSE>. Remove the flash drive.

4. Insert the Acronis disk. Shut down the PC.

ACRONIS BACKUP

1. Using F12, boot the PC from the Acronis True Image disk. Select “Acronis True Image 64bit”.

2. After Acronis has loaded, select “Backup”. <NEXT>

3. Select “My Disks”. <NEXT>

4. Check all the partitions of your hard disk drive! <NEXT>

5. Select “Create new full backup archive”. <NEXT>

6. Select <Browse> Backup location.

7. Plug in the USB flash drive. Wait… Compact and expand “My Computer”.

8. Highlight “Removable Drive (F:)” .

9. Type a meaningful filename (F:\meaningfulfilename.tib) or simply click <Generate name>. <OK>.

10. In the Backup Wizard, select <Backup options>.

11. Select <Archive validation>. Check the box to “Validate backup archive when it is created”. <FINISH>.

12. Instructor check point. \_\_\_\_\_\_

13. <PROCEED> The process time is about 30 minutes.

14. When completed, <OK>.

15. Remove the flash drive.

CLEANSING THE DRIVE

1. In the main Acronis window, select <Tools and Utilities>.

2. Select <Acronis DriveCleanser>.

3. Click the icon of your drive. Red Xs appear in the corners. <NEXT>

4. At the “Algorithm selection”, select “Fast”. <NEXT>

5. Check the box to “Wipe the selected partitions irreversibly”.

6. Instructor check point. \_\_\_\_\_\_

7. <PROCEED>. This process will take about 30 minutes.

8. When completed, <EXIT>

CHECK OUT

Attempt to boot from your drive. Failure is success.

RESTORATION

1. Boot the PC from the Acronis True Image disk.

2. Select “Acronis True Image 64bit”.

3. After Acronis has loaded, select “Recovery”, My Disks. <NEXT> Plug in the USB flash drive.

4. <Browse>. Expand My Computer to find the .tib backup file on the flash drive. Be patient. Select it.

 <OK>, <NEXT>.

5. Select “Whole disks or Partitions”. <NEXT>

6. Check all of the boxes that represent the entire image (all partitions) of your HDD. Be careful here! <NEXT>

7. Select the correct HDD to target the restoration. Be careful here! <NEXT>

8. Instructor check point. \_\_\_\_\_\_

9. <PROCEED>. The process takes about 10 minutes.

10. <OK> to “Recover operation succeeded”. Remove the Acronis CD and the USB flash drive.

11. Exit Acronis. The PC will shut down.

FINAL CHECK OUT

1. Reboot the PC from your drive.

2. Verify that the OS is OK and that all features are restored as before.

3. Instructor check point. \_\_\_\_\_\_

4. Close all windows and shut down the PC.