**UNIVERSITY OF SCIENCE AND TECHNOLOGY OF HANOI**

**Information and Communication Technology Department**



# Lab Work Day 2

# Digital Forensic

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# *Lab 6:*

## Lab Report: Verifying and Locating a Created Disk Image File

**Objective:**
The objective of this lab is to verify and locate the disk image file created as a part of a forensic investigation process, ensuring its correct creation and storage.

**Lab Environment:**

- **System Requirements:** Windows 10 and Windows Server 2016 virtual machines, administrative privileges.
- **Tool Used:** R-Drive Image software, pre-installed and ready for use.

**Procedure:**

1. **Verify the Disk Image Creation:**
   ○ Access the R-Drive Image software's main interface.
   ○ Upon completion of the disk imaging process, a pop-up notification will appear confirming that the image was created successfully. Acknowledge this by clicking 'OK'.
2.
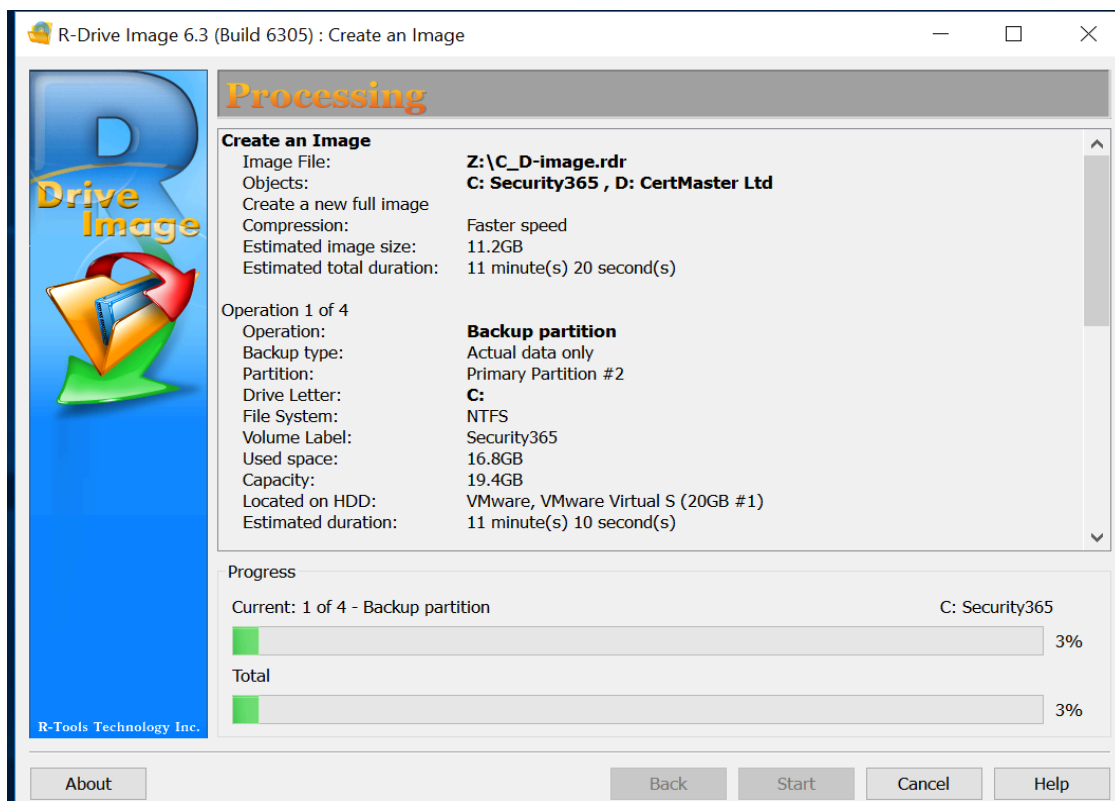
3. **Locate the Created Disk Image File:**
    - Navigate to the specified storage location, the Forensic Disk (F Drive), where the disk image file has been saved.
    - Confirm the presence of the disk image file, typically named based on the drive it represents and with a `.rdr` file extension.
4.

| Name | Date modified | Type | Size |
|---|---|---|---|
| CHFI-Tools | 1/12/2023 11:40 ... | File folder | |
| Evidence Files | 1/12/2023 11:52 ... | File folder | |
| C D-image | 11/6/2024 10:20 ... | Image file of R-Dri... | 12,624,35... |