

Data Recovery

Overview

Target Audience

Course Objectives

You will learn the fundamentals of hardware data recovery which will enable you to properly diagnose dead drives and bring them back to life. You will also learn logical recovery for Windows, Mac OS X, Linux, RAID arrays, Exchange server and even solid state flash NAND drives.

Course Outline

Data Recovery Topics

Logical Recovery of disabled hard drives
Using file format recognition tools
Logical recovery via avoiding BIOS interrupts
Motions that unlock the actuator of a drive
Diagnosing the physical recovery of drives
Comparing pre-recorded sound samples to live drives
Logic board replacements
Single and Multi-Platter Swaps
Head Assembly replacement
P-List and G-List recovery
Addressing SMART values
Dealing with damaged sectors
Reverse scanning

Capturing SID protected folders
Resolving kernel or driver issues with a Linux bootable disk
Head Stack replacement
Working with the Service Area (SA) of a drive
Reviewing data structures with a Hex Editor
Diagnosing "clicking noises"
Mac OS X Data Recovery
Linux Data Recovery
RAID 0 Recovery & RAID 5 Recovery
Vista and Recovery of Shadow Copies
Clearing passwords on a password protected drive
Solid state drive recovery
Firmware issues

Related Courses, Certifications, Exams

[Register Online](#)

Schedule

Class Length: 5 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"
ILT = "Instructor-Led-Training"

This course is not currently available on the public schedule. Please contact us using the information in the footer below to inquire about future dates or to schedule a private class.

- Certified Data Recovery Professional
 - CDRP
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