



CELLEBRITE APPLE FORENSIC FUNDAMENTALS (CAFF)

Computer Forensics

Course Description

Cellebrite Apple Forensic Fundamentals (CAFF) is a four (4)-day course designed with hands-on learning and real case scenario data using Cellebrite Digital Collector and Inspector software. Participants will learn how to perform both triage and analysis of specific data points that exist within operating system and file system artifacts. A CAFF instructor will guide attendees through the most important macOS and iOS digital artifacts. Participants will analyze mounted volume evidence, device connection evidence, and network connections in macOS. The macOS and iOS operating systems, HFS+ and APFS file systems, and significant application data are explored throughout the class.



Level

Entry/Beginner



Length

Four-Day
(28 hours)



Certification Track

CCCE*

**coming soon*



Delivery Mode

In-Person
Virtual
Self-Paced*

* last updated January 2023

Course Learning Objectives

Upon successful completion of this course, students will be able to:

- Distinguish between the startup procedures for the various types of Apple computers.
- Develop a plan of attack to successfully triage and image Apple computers.
- Describe macOS structures and the limitations that each present.
- Explain the importance of HFS+ and APFS file system artifacts.
- Explain how changes to APFS and the macOS structure can impact forensic analysis.
- Describe how macOS handles property-list (PLIST) data.
- Identify user preferences and system preferences. Analyze how date/time and time zone data affects analysis.
- Recognize the different disk images found in macOS examinations.
- Examine how media files found are stored, viewed and shared on macOS and iOS.
- Analyze various Apple metadata attributes and how they can assist in forensic analysis.
- Analyze mounted volume evidence, device connection evidence, and network connections in macOS.
- Examine artifacts from web browsers such as Safari and articulate your findings.
- Interpret numerous log files found on macOS and iOS devices and articulate your findings.

Note

The successful completion of this course is defined as the student being able to demonstrate proficiency in the course learning objectives by passing a final exam assessment with a minimum score of 80.00% or higher to be awarded a certificate of completion.

This course is part of the Cellebrite Certified Computer Examiner (CCCE)* track. The full track requires the completion of CAFF, CAIF, and CAAF to qualify for the CCCE exam.

**coming soon*

Empowering Justice through Expert Digital Forensics Training

Cellebrite Training is a leading provider of digital forensics education, offering a comprehensive suite of courses designed to empower professionals in mastering the techniques, tools, and methodologies essential for navigating the complexities of digital investigations.

For a complete list of Cellebrite Training's in-person, virtual, or self-paced course offerings, please visit www.cellebrite.com/training or contact your regional Training Account Manager at Training@cellebrite.com or 800-942-3415. Select option #3.