OXYGEN FORENSICS

Welcome to the Oxygen Forensic® **Cloud Extraction** training course!

This one-day instructor-led training event is geared toward students that have a working familiarity with **Oxygen Forensic® Detective.**

Oxygen Forensic® Detective is the flagship technology of Oxygen Forensics and a world-class suite of tools that allow an investigator to ingest mobile device data from industry standard extraction formats into a database architecture for single device analysis or multi-device analytics.

Students will learn to extract a variety of cloud-based repositories by using **Oxygen Forensic® KeyScout** and **Oxygen Forensic® Detective** to mine user credentials and tokens for cloud platform access. In addition, this training addresses two-factor authentication issues, WhatsApp database recovery and categories of data recoverable these <u>and other</u> platforms:

- Apple   (17 services | 30 categories of data and 11.2+ access)
- Google   (17 services | 38 categories of data and Google Echo)
- Amazon   (3 services | 24 categories of data and Amazon Alexa)

This course also takes a deep dive in to the **Oxygen Forensic® KeyScout** performing dead box data recovery from hard drive computer forensic images and live machines. Students learn to customize search paths, create custom search profiles, and save results for analysis in **Oxygen Forensic® Detective.**

Additional in-depth training available for Oxygen Forensic® Detective includes:

- OFBC – Oxygen Forensic® Boot Camp   (5-day, instructor-led)
- OFDA – Oxygen Forensic® Drone Analysis   (1-day, instructor-led)
- OFDE – Oxygen Forensic® Device Extraction   (3-day, instructor-led)
- OFAA – Oxygen Forensic® Advanced Analysis   (3-day, instructor-led)

All courses can be accessed buffet-style at a fixed price with a Training pass.

Course Modules

Install and Support

This module educates end-users about their customer experience with Oxygen Forensics while learning to install the latest Oxygen Forensic® Detective (OFD) products and mobile device drivers. Students will learn how to access their unique customer portal and download any software components needed.

KeyScout

Oxygen Forensic® KeyScout allows a user to collect data from a target machine or mounted drive image. Collected data can include:

- iTunes backups
- Logon credentials
- Application artifacts
- Authentication tokens
- Internet browser artifacts
- Wireless connection SSIDs and passwords
- File system artifacts that could link computers to known and unknown devices

This module will educate students on the full potential of KeyScout and its configuration and implementation – including portability.

Cloud Extractor

The Oxygen Forensic® Cloud Extractor is the gateway to remote data that could be important to an investigation but NOT contained on a target device. This module covers the Cloud Extractor in depth to include supplying credential packets for login validation, filtering on supported extractors, satisfying two-factor authentication and managing acquired data using the .OCB file (Oxygen Cloud Backup).

Extraction Labs

Oxygen Forensic® Cloud Extractor currently accesses 95+ cloud-based platforms. The remainder of class time is spent addressing the tips and tricks of extracting multiple platforms to include addressing two-factor authentication (2FA), using tokens and QR codes for logon access, determining what services deliver what type of data, applying filters to data dumps and much more.

Students will mount virtual target drives to initiate **Oxygen Forensic® KeyScout** collections as well as determine how to gather credential and token information from mobile device extractions for later use in cloud data retrieval.

Additional labs include extraction of the following platforms (As time permits):

- Uber
- Zoom
- Skype
- Twitter
- Discord
- Dropbox
- DJI Cloud
- Facebook
- Instagram
- Booking.com
- Samsung Cloud

Students leave this event with the extensive knowledge of cloud-based extraction and prepared for recertifying their Oxygen Forensic Certification with the Cloud Extraction certification path.

Thank you for the interest in Oxygen Forensic® Detective training.

Hope to see you in class soon!