Training: Mile2
# C)VFE - Certified Virtualization Forensics Examiner

## TRAINING GOALS:

This course takes two enormously challenging areas facing **IT security** professionals today: incidence response and virtualization and attempts to meld these together. Forensics is at the heart of incidence response, and therefore this training will focus on how to gather evidence relating to an incident – the what, when, where, who and why of an incident – within today's common virtual environments. Additionally, the course will take a deep dive into the virtual infrastructure, and contrast the various virtual entities against their physical counterparts. This will allow a clear demonstration of the forensically-relevant differences between the virtual and physical environments. The **C)VFE** - **Certified Virtualization Forensics Examiner** course uses a lab-centric, scenario-based approach to demonstrate how to forensically examine relevant components of a virtual infrastructure for specific use cases.

Course Objectives

Participants will be able to apply forensically-sound best practice techniques against virtual infrastructure entities in the following use case scenarios:

- Identifying direct evidence of a crime
- Attributing evidence to specific suspects
- Confirming (or negating) suspect alibis
- Confirming (or negating) suspect statements
- Determining (or negating) suspect intent
- Identifying sources
- Authenticating documents

Upon completion, students will:

- Have the knowledge to perform virtualization forensic examinations.
- Have the knowledge to accurately report on their findings from examinations
- Be ready to sit for the **C)VFE Exam**

Who Should Attend:

- Virtual infrastructure specialists (Architects, engineers, Administrators)
- Forensic investigators



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Accreditations & Acknowledgements

Mile2® is:

- ACCREDITED by the NSA CNSS 4011-4016
- MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework
- APPROVED on the FBI Cyber Security Certification Requirement list (Tier 1-3)

## CONSPECT:

- Digital Forensics – the what, where, when, how and why
- Virtual Infrastructure
- Forensic Investigation Process
- Forensics Scenario 1: Identifying direct evidence of a crime
- Forensics Scenario 2: Attributing Evidence to Specific Requests
- Forensics Scenario 3: Confirming (or negating) suspect alibis
- Forensics Scenario 4: Confirming (or negating) suspect statements
- Forensics Scenario 5: Determining (or negating) suspect intent& Scanning
- Forensics Scenario 6: Identifying sources
- Forensics Scenario 7: Authenticating documents
- Putting it all together – Course Summary

## REQUIREMENTS:

- Must have a **Digital** or **Computer Forensics Certification** or equivalent knowledge.

## Difficulty level



## CERTIFICATE:

The participants will obtain **certificates** signed by **Mile2** (course completion).

This course will help prepare you for the **Certified Virtualization Forensics Examiner exam**, which is available through the on-line Mile2's Assessment and Certification System ("MACS"), and is accessible on your mile2.com account. The exam will take 2 hours and consist of 100 multiple choice questions.

**Each participant in an authorized training C)VFE - Certified Virtualization Forensics Examiner will receive a free CVFE exam voucher.**



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## TRAINER:

Certified Mile2 Instructor.

## ADDITIONAL INFORMATION:

We also recommend further training and certification:

- **C)NFE** - **Certified Network Forensics Examiner**



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