

Memory Acquisition Certificate

Certificate No. 0018

Generated 2026-06-27 10:17:57 UTC (2026-06-27 15:47:57 IST)

MEMORY ACQUISITION CERTIFICATE

CASE AND COMPUTER IDENTIFICATION

Case: Live RAM capture (ID: CASE-MEM)
 FIR number: FIR-2026-77
 Analyst: Pallavi Pawar
 Organisation: Innovativa SoftTech
 Computer: LAPTOP-PL914FQ9
 Operating system: Windows 11 10.0
 Software: e-Dex v1.4.0
 Algorithms used: SHA-256
 Period covered: 2026-06-01 IST to 2026-06-18 IST
 Chain of custody: Recorded in the application's tamper-evident, hash-chained audit log (append-only; altering any one entry breaks every following record).

SOURCE DEVICE (EVIDENCE)

Device name: Suspect workstation
 Device type: Desktop PC
 Make: Dell
 Model: OptiPlex 7090

MEMORY ACQUISITION

Acquisition tool: Magnet RAM Capture 1.2
 Memory size (RAM): 16 GB
 System state: Powered on, user logged in
 Acquisition time: 2026-06-18 03:20 IST

COLLECTION SUMMARY

Total evidence files: 1
 Total size: 51.0 MB
 Matches (verified): 1
 Mismatches (tampered): 0
 Errors: 0
 Not verified / other: 0

ANNEXURE - EVIDENCE RECORDS AND HASH VALUES (hashes per algorithm, as labelled)

#	FILE	SIZE	STATUS
1.	evidence-1.dd	51.0 MB	Verified
	SHA-256: 874e9c3ea2b3c4dda2b3c4e5a2b3c4eda2b3c4f5a2b3c4fda2b3c505a2b3c50d Integrity: MATCH - computed hash equals the recorded expected hash.		

VERIFICATION RESULT

Files checked: 1
 Integrity verified: 1
 Integrity failed: 0

RESULT: INTEGRITY VERIFIED - all recorded files match their expected hash values.

DECLARATION

I certify that the volatile memory (RAM) of the system identified above was acquired using the tool and

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method recorded, that the cryptographic hash values of the resulting memory image were computed with e-Dex and are reproduced in the annexure, and that the verification result stated above reflects, accurately and completely, the integrity of the acquired image as against the recorded values.

CERTIFICATION

I, the undersigned, do hereby affirm that the acquisition particulars and integrity results set out in this certificate are true and correct to the best of my knowledge, information and belief, and were produced from the recorded hash values without alteration.

Signature: _____
Name (printed): _____
Designation: Senior Forensic Analyst
Place: Pune
Date: _____

e-Dex generates this certificate as a workflow aid from the recorded acquisition particulars and hash values; it does not use to perform the memory acquisition. The signatory is solely responsible for verifying the correctness of every fact and the sufficiency of this certificate for its intended purpose. The vendor makes no warranty of fitness for any particular use.

All times are stamped in UTC and shown in IST (Asia/Kolkata, UTC+5:30). Times displayed by third-party archive or extraction tools may differ due to local timezone conversion.

SAMPLE - NOT REAL EVIDENCE