

GAP-FPC Resource Material: Core Modules

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Scope: Comprehensive reference material for all 4 core modules of the GAP-FPC certification. Designed for APAC practitioners, law enforcement, legal professionals, and enterprise security teams.

Alignment: Mapped to NIST SP 800-86, ISO/IEC 27037:2012, ACPO Guidelines, and APAC-specific legal frameworks (India IT Act, Singapore PDPA, Australia Privacy Act, ASEAN MLAT, etc.).

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| Module 1: Digital Forensics Legal & Ethical Foundations

Digital forensics is governed by a complex web of local, national, and regional laws. APAC has diverse legal systems with varying evidence admissibility rules, privacy protections, and cross-border sharing requirements.

Universal Pillars of Digital Evidence Admissibility

- **Relevance:** Logical connection to facts in issue.
- **Authenticity:** Proven to be what it claims to be.
- **Integrity:** Not altered, tampered with, or corrupted.
- **Reliability:** Forensically sound and validated tools/methods.

| Module 2: Digital Evidence Lifecycle & Preservation

The standard process: Identification, Collection, Preservation, Analysis, Reporting, Presentation.

Evidence Identification & Collection

Always collect volatile evidence (RAM) first, then non-volatile storage. Use Faraday bags for mobile devices. Maintain hash validation (SHA-256) throughout the lifecycle.

Module 3: Network, Mobile & IoT Forensics

This module focuses on APAC-specific devices, apps, and legal requirements.

Mobile App Artifacts (Key APAC Apps)

App	Artifacts
WeChat	Messages, contacts, media, payment history
WhatsApp	Messages, media, call logs

Module 4: Reporting, Expert Testimony & Professional Practice

All APAC courts require forensic reports to follow a standardized structure, including an executive summary and detailed methodology.

Appendices

The full document contains comprehensive appendices, including the APAC Legal Quick Reference, Forensic Tool Matrix, Chain of Custody Log templates, and ASEAN MLAT templates.