

Defend Mitre

Evict

Process Eviction

- Process Suspension
- Process Termination

Credential Eviction

- Account Locking
- Authentication Cache Invalidation
- Credential Revoking

File Eviction

- File Removal
- Email Removal

Deceive

Decoy Object

- Decoy File
- Decoy Network Resource
- Decoy Persona
- Decoy Public Release
- Decoy Session Token
- Decoy User Credential

Decoy Environment

- Connected Honeynet
- Integrated Honeynet
- Standalone Honeynet

Isolate

Network Isolation

- Broadcast Domain Isolation
- DNS Allowlisting
- DNS Denylisting
- Forward Resolution Domain Denylisting
- Hierarchical Domain Denylisting
- Homoglyph Denylisting
- Forward Resolution IP Denylisting
- Reverse Resolution IP Denylisting
- Encrypted Tunnels
- Network Traffic Filtering
- Inbound Traffic Filtering
- Outbound Traffic Filtering

Execution Isolation

- Executable Allowlisting
- Executable Denylisting
- Hardware-based Process Isolation
- IO Port Restriction
- Kernel-based Process Isolation
- Mandatory Access Control
- System Call Filtering

Model

System Mapping

- Data Exchange Mapping
- Service Dependency Mapping
- System Dependency Mapping
- System Vulnerability Assessment

Operational Activity Mapping

- Access Modeling
- Operational Dependency Mapping
- Operational Risk Assessment
- Organization Mapping

Asset Inventory

- Asset Vulnerability Enumeration
- Configuration Inventory
- Data Inventory
- Hardware Component Inventory
- Network Node Inventory
- Software Inventory

Network Mapping

- Logical Link Mapping
- Active Logical Link Mapping
- Passive Logical Link Mapping
- Network Traffic Policy Mapping
- Physical Link Mapping
- Active Physical Link Mapping

Harden

Platform Hardening

- Bootloader Authentication
- Disk Encryption
- Driver Load Integrity Checking
- File Encryption
- Local File Permissions
- RF Shielding
- Software Update
- System Configuration Permissions
- TPM Boot Integrity

Message Hardening

- Message Authentication
- Message Encryption
- Transfer Agent Authentication

Application Hardening

- Application Configuration Hardening
- Dead Code Elimination
- Exception Handler Pointer Validation
- Pointer Authentication
- Process Segment Execution Prevention
- Segment Address Offset Randomization
- Stack Frame Canary Validation

Credential Hardening

- Biometric Authentication
- Certificate-based Authentication
- Certificate Pinning
- Credential Rotation
- Credential Transmission Scoping
- Domain Trust Policy
- Multi-factor Authentication
- One-time Password
- Strong Password Policy
- User Account Permissions

Detect

User Behavior Analysis

- Authentication Event Thresholding
- Authorization Event Thresholding
- Credential Compromise Scope Analysis
- Domain Account Monitoring
- Job Function Access Pattern Analysis
- Local Account Monitoring
- Resource Access Pattern Analysis
- Session Duration Analysis
- User Data Transfer Analysis
- User Geolocation Logon Pattern Analysis
- Web Session Activity Analysis

Process Analysis

- Database Query String Analysis
- File Access Pattern Analysis
- Indirect Branch Call Analysis
- Process Code Segment Verification
- Process Self-Modification Detection
- Process Spawn Analysis
- Process Lineage Analysis
- Script Execution Analysis
- Shadow Stack Comparisons
- System Call Analysis
- File Creation Analysis

Platform Monitoring

- Firmware Behavior Analysis
- Firmware Embedded Monitoring Code
- Firmware Verification
- Peripheral Firmware Verification
- System Firmware Verification
- Operating System Monitoring
- Endpoint Health Beacon
- Input Device Analysis
- Memory Boundary Tracking
- Scheduled Job Analysis
- System Daemon Monitoring
- System File Analysis
- Service Binary Verification
- System Init Config Analysis
- User Session Init Config Analysis

File Analysis

- Dynamic Analysis
- Emulated File Analysis
- File Content Rules
- File Hashing

Identifier Analysis

- Homoglyph Detection
- Identifier Activity Analysis
- Identifier Reputation Analysis
- Domain Name Reputation Analysis
- File Hash Reputation Analysis
- IP Reputation Analysis
- URL Reputation Analysis
- URL Analysis

Message Analysis

- Sender MTA Reputation Analysis
- Sender Reputation Analysis

Network Traffic Analysis

- Administrative Network Activity Analysis
- Byte Sequence Emulation
- Certificate Analysis
- Active Certificate Analysis
- Passive Certificate Analysis
- Client-server Payload Profiling
- Connection Attempt Analysis
- DNS Traffic Analysis
- File Carving
- Inbound Session Volume Analysis
- IPC Traffic Analysis
- Network Traffic Community Deviation
- Per Host Download-Upload Ratio Analysis
- Protocol Metadata Anomaly Detection
- Relay Pattern Analysis
- Remote Terminal Session Detection
- RPC Traffic Analysis



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