

# Project Progress Update

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Date: February 13, 2026 Project: FoodProject SOC Platform (Wazuh + Shuffle + IRIS-web + SOC Integrator)

## 1) Executive Summary

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The MVP platform is operational and running end-to-end in the lab environment. Core integrations are in place:

- Detection: Wazuh
- Automation: Shuffle
- Case management: IRIS-web (replacing DFIRTrack)
- Escalation (MVP): PagerDuty Stub
- Orchestration/API layer: soc-integrator

All major containers are currently up, and key health checks are passing.

## 2) Completed Work

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### Platform orchestration and operations

- Combined stack runner created and improved ( `run-combined-stack.sh` )
- Added command support for:
  - `up` , `down` , `logs` , `status` , `help`
  - per-target control ( `wazuh` , `iris` , `shuffle` , `pagerduty` , `integrator` )
- Added consolidated health/status script ( `soc-status.sh` )

### Integration architecture

- Connected Wazuh, Shuffle, IRIS-web, PagerDuty Stub, and soc-integrator on shared network
- Resolved startup conflicts and runtime issues (port, compose, routing compatibility)

### SOC Integrator (MVP)

- Added/validated integration APIs for:
  - Wazuh

- Shuffle
- IRIS-web
- PagerDuty Stub
- Implemented MVP orchestration endpoints:
  - `POST /mvp/incidents/ingest`
  - `POST /mvp/ioc/evaluate`
  - `POST /mvp/vpn/evaluate`
  - `GET /mvp/config/policies`
  - `PUT /mvp/config/policies`
  - `GET /mvp/health/dependencies`
- Added internal API-key protection for mutation endpoints

## Persistence layer

- Added PostgreSQL service for soc-integrator ( `soc-integrator-db` )
- Added incident/policy/audit schema and startup initialization
- Enabled deduplication and audit tracking for incident processing

## Testing utilities and documentation

- Added Wazuh test-event injection script:
  - `scripts/send-wazuh-test-events.sh`
- Added root project docs:
  - `README.md`
- Added root ignore rules:
  - `.gitignore`

## 3) Current Live Status (Lab)

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Current stack status: **UP**

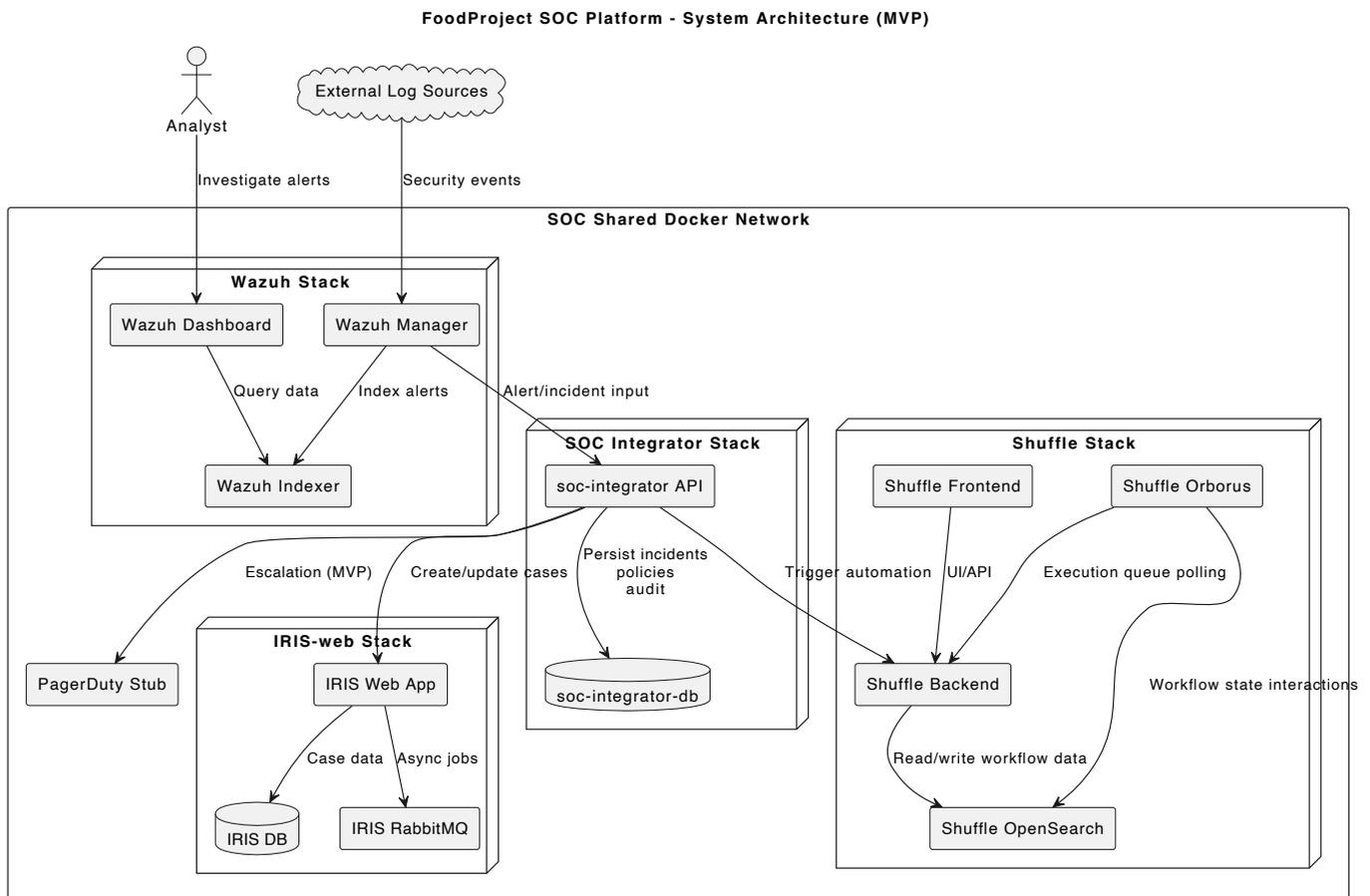
Healthy/available components:

- Wazuh manager, indexer, dashboard
- IRIS-web app/nginx/worker/db/rabbitmq
- Shuffle backend/frontend/opensearch/orborus
- PagerDuty Stub
- soc-integrator + soc-integrator-db

Endpoint checks:

- Wazuh Dashboard: OK
- Wazuh API: OK (auth-protected, expected 401 on unauthenticated root)
- IRIS Web: OK
- Shuffle Frontend: OK
- Shuffle Backend: reachable
- Shuffle OpenSearch: reachable (auth-protected)
- PagerDuty Stub: OK
- soc-integrator `/health` : OK

## 4) System Architecture Diagram (PlantUML)



## 5) In Progress / Remaining for Customer UAT

1. Detection content tuning
  - Fine-tune Wazuh rules/decoders for customer log patterns and false-positive reduction

## 2. Use-case calibration

- Validate risk/severity mapping per approved use cases
- Tune exception list and threshold logic (especially VPN geo anomaly)

## 3. UAT evidence package

- Capture deterministic UAT scenarios and outputs for:
  - IOC flow
  - VPN outside-TH flow
  - IRIS case creation/update
  - PagerDuty Stub escalation path

## 4. Production hardening items

- Rotate default/local secrets used in lab config
- Lock down internal API keys and access boundaries

# 6) Risks / Notes

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- Current escalation target is **PagerDuty Stub** by design for MVP. Real PagerDuty production integration is the next stage.
- Some Wazuh config certificate directories are root-owned in the local lab clone, which may affect local git add operations if not excluded/fixed.

# 7) Next Milestone (Proposed)

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Next milestone: **MVP UAT Completion**

Target outputs:

- Approved UAT checklist execution
- Tuned policy thresholds for customer environment
- Signed-off incident lifecycle flow: Wazuh event -> soc-integrator decision -> IRIS case -> PagerDuty Stub escalation

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Date: February 26, 2026 Project: FoodProject SOC Platform (Wazuh + Shuffle + IRIS-web + SOC Integrator)

# Incremental Progress Since February 13, 2026

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## 1) IOC Enrichment and Evaluation

- Added IOC APIs in `soc-integrator` :
  - `POST /ioc/enrich`
  - `POST /ioc/evaluate`
  - `GET /ioc/history`
  - `POST /ioc/upload-file`
  - `POST /ioc/evaluate-file`
  - `GET /ioc/analysis/{analysis_id}`
- Integrated VirusTotal adapter for domain/hash/file intelligence and analysis lookups.
- Integrated AbuseIPDB adapter for IP reputation checks.
- Added IOC trace persistence ( `ioc_trace` ) and repository methods for audit/history.

## 2) IRIS Integration Enhancements

- Added IRIS ticket APIs in `soc-integrator` :
  - `POST /iris/tickets`
  - `GET /iris/tickets`
- Updated IRIS API key in environment and verified ticket creation path via API.
- Added demo data seeding script:
  - `scripts/seed-iris-demo-data.sh`

## 3) Shuffle Workflow Automation

- Created and updated sample Shuffle workflow assets for webhook-driven IRIS ticket creation:
  - `shuffle-workflows/sample-webhook-soc-integrator-iris-workflow.json`
  - `shuffle-workflows/sample-webhook-soc-integrator-iris-workflow.md`
- Added workflow update helper script:
  - `scripts/update-shuffle-workflow-from-template.sh`
- Updated target workflow ( `07ecad05-ff68-41cb-888d-96d1a8e8db4b` ) with:
  - webhook trigger
  - HTTP action ( `http 1.4.0` ) to call `soc-integrator` ticket API
  - tested webhook execution path to successful completion

## 4) Networking and Runtime Fixes

- Resolved Shuffle action DNS failure to `soc-integrator` by attaching `soc-integrator` service to Shuffle execution network(s) in:
  - `compose-overrides/soc-integrator.yml`
- Verified connectivity from Shuffle execution context to:
  - `http://soc-integrator:8080/health`

## 5) Security and Repository Hygiene

- Added `.env` and `.env.*` to root `.gitignore` (kept `.env.example` tracked).
- Removed tracked env files from git cache to prevent secret leakage.
- Updated operational API keys in `soc-integrator/.env` for Shuffle, IRIS, VirusTotal, and AbuseIPDB.

## 6) Current Status (Lab)

- `soc-integrator` health endpoint: reachable.
- IOC enrich/evaluate flows: operational for domain/hash and file submission paths.
- Shuffle webhook-to-IRIS automation: operational after network fix.
- Core stack components remain available for continued UAT and tuning.

## 7) Simulation Logs Workstream

### Completed

- Added FortiGate simulation coverage for multiple models:
  - 40F
  - 60F
  - 80F
  - 501E
- Added endpoint agent simulation coverage for:
  - Windows clients
  - macOS clients
  - Linux clients
- Added continuous run mode ( `--forever` ) to simulation scripts for long-running lab traffic generation.
- Extended script set to support realistic event streams for Wazuh ingestion and rule validation.

### Operational scripts

- `scripts/send-wazuh-test-events.sh`
- 

Date: March 4, 2026 Project: FoodProject SOC Platform (Wazuh + Shuffle + IRIS-web + SOC Integrator)

## Incremental Progress Since Previous Update (March 4, 2026)

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### 1) Production-Profile Simulator Payloads

- Added production payload mode to proposal simulators:
  - `scripts/send-wazuh-proposal-required-events.sh`
  - `scripts/send-wazuh-proposal-appendix-b-events.sh`
- New argument:
  - `--profile=simulation|production` (default remains `simulation`)
- In `production` profile, simulator messages omit `section/usecase_id/usecase` markers and emit production-like key/value fields to support real parser/decoder testing.

### 2) Wazuh Normalize API Improvements

- Enhanced `POST /ingest/wazuh-alert` in `soc-integrator` :
  - returns both legacy normalized shape and SOC normalized event shape.
- Added `GET /ingest/wazuh-alert/samples` with practical sample request/response cases for:
  - DNS IOC
  - VMware auth
  - Windows Sysmon
  - C1 impossible travel

### 3) C1 Normalization (Production-First)

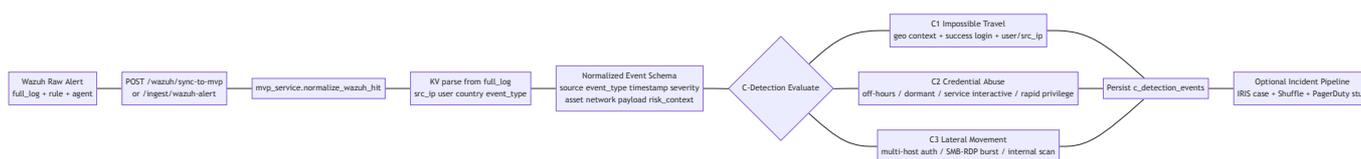
- Updated C1 normalization logic in:
  - `soc-integrator/app/services/mvp_service.py`
- C1 now maps from production characteristics (not only simulator markers):
  - `identity/vpn` source context
  - successful login/auth indicator
  - user + source IP present

- geo context present ( country and/or src\_lat/src\_lon )
- Legacy section/usecase\_id C1 markers are kept as fallback for backward compatibility.

## 4) Current Validation Status

- Production-profile simulator events are being sent to Wazuh successfully.
- Some runs still show only base-rule matching during verification due to current Wazuh manager runtime instability in lab (intermittent restart/init issues), which affects deterministic decoder/rule validation windows.
- Next validation step after stable manager window:
  - re-run production-profile A1/B1/B2/B3 batches
  - confirm 110xxx production rules with consistent hit evidence.

## 5) Mermaid Diagram: C1-C3 Normalization Flow (SOC Integrator)



- scripts/send-wazuh-endpoint-agent-test-events.sh
- additional simulation scripts under scripts/ for firewall and endpoint scenarios with continuous mode enabled

## Detection alignment status

- Simulation work has been aligned to the detection objectives documented in:
  - Security Detection & Threat Intelligence Enhancement Proposal-2.md
- Proposal use-case mapping explicitly covered in simulation:
  - **A1. DNS / Firewall (IOC):**
    - DNS network communication to malicious domain
    - DNS/Firewall malicious domain IOC detection events

- **A2. FortiGate IPS/IDS & Firewall:**
  - allowed RDP from public IP
  - admin password change
  - create/add admin account
  - disable email notification
  - config download
  - multiple critical/high IDS alerts
  - port scanning (public/private source variants)
  - IOC detection and communication to malicious IP
- **A3. FortiGate VPN:**
  - authentication success from guest account
  - authentication success from multiple countries
  - brute-force success pattern
  - multiple fail patterns (many accounts from one source)
  - authentication success from outside Thailand
- **A4. Windows / Active Directory:**
  - privileged/service account authentication failures
  - password spray and multi-source fail patterns
  - success from public IP / guest account
  - pass-the-hash style success indicators
  - account/group privilege change and account lifecycle events (create/re-enable)
  - AD enumeration behavior indicators
- Endpoint client simulations were added to complement proposal scope for heterogeneous environments:
  - Windows agent events
  - macOS agent events
  - Linux agent events
- Current use is suitable for pipeline and workflow validation (ingest -> detect -> automate -> case creation).
- Remaining work is focused on fine-grained scenario calibration:
  - event frequency tuning
  - field/value realism per source
  - expected alert volume by use case for cleaner UAT evidence

## 8) API Request/Response Samples

## IOC Enrich

Request:

```
curl -sS -X POST http://localhost:8088/ioc/enrich \  
-H 'Content-Type: application/json' \  
-d '{  
  "ioc_type": "domain",  
  "ioc_value": "google.com",  
  "sources": ["virustotal"]  
}'
```

Sample response:

```
{  
  "success": true,  
  "ioc_type": "domain",  
  "ioc_value": "google.com",  
  "enrichment": {  
    "virustotal": {  
      "reputation": 120,  
      "last_analysis_stats": {  
        "malicious": 0,  
        "suspicious": 0,  
        "harmless": 90  
      }  
    }  
  }  
}
```

## IOC Evaluate

Request:

```
curl -sS -X POST http://localhost:8088/ioc/evaluate \  
-H 'Content-Type: application/json' \  
-d '{  
  "ioc_type": "hash",  
  "ioc_value": "44d88612fea8a8f36de82e1278abb02f",  
  "sources": ["virustotal"]  
}'
```

Sample response:

```
{
  "success": true,
  "matched": true,
  "severity": "high",
  "reason": "VirusTotal marked IOC as malicious",
  "ioc_type": "hash",
  "ioc_value": "44d88612fea8a8f36de82e1278abb02f"
}
```

## Create IRIS Ticket (via soc-integrator)

Request:

```
curl -sS -X POST http://localhost:8088/iris/tickets \
-H 'Content-Type: application/json' \
-d '{
  "title": "Suspicious domain detected",
  "description": "Automated ticket from IOC evaluation pipeline",
  "severity": "medium",
  "source_ref": "shuffle-webhook-demo"
}'
```

Sample response:

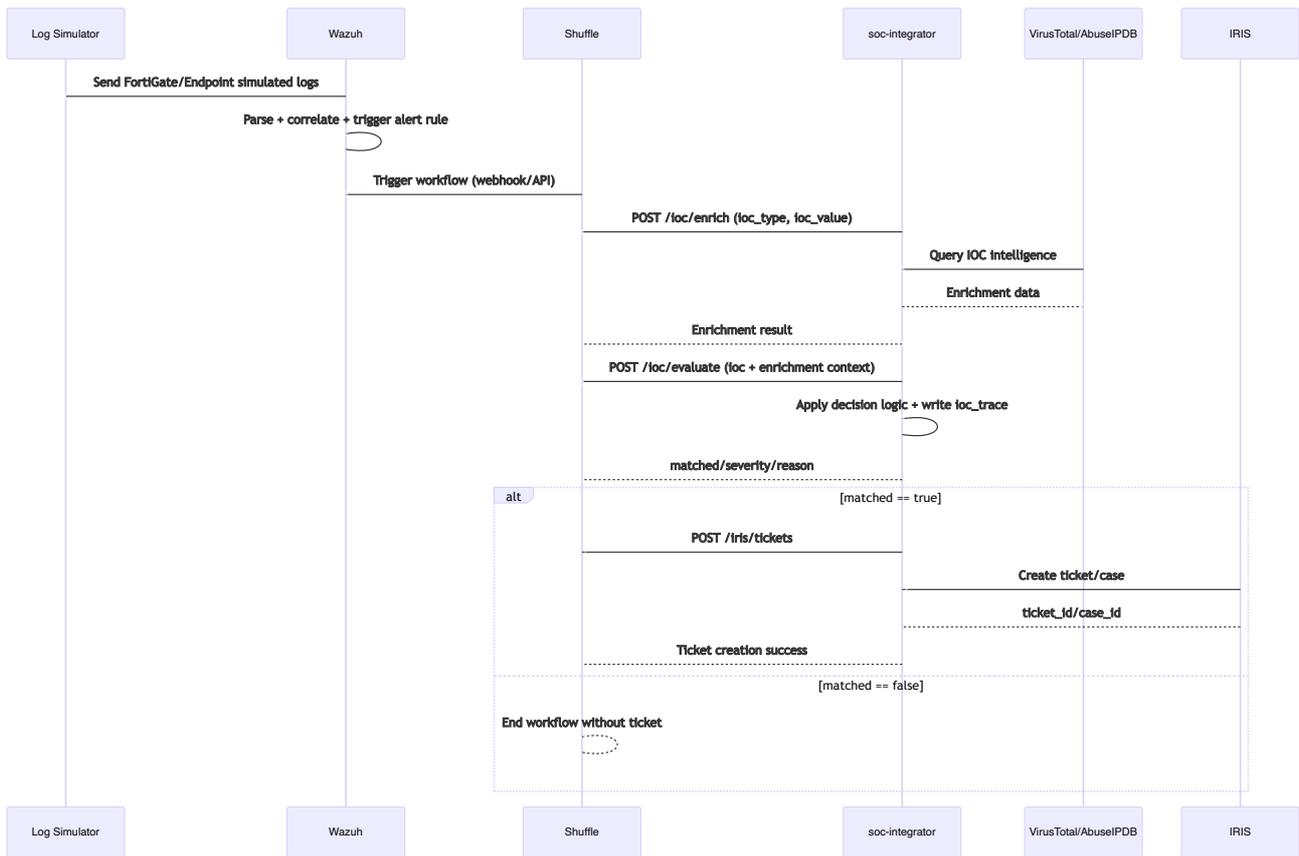
```
{
  "success": true,
  "ticket_id": 53,
  "case_id": 53,
  "status": "open"
}
```

## 9) Why IOC Was Added to SOC Integrator

- To centralize threat-intelligence logic in one API layer instead of duplicating enrichment/evaluation rules across Shuffle workflows and other services.
- To provide a consistent decision contract ( `enrich` for context, `evaluate` for action/verdict) that downstream automation can trust.
- To improve traceability by storing IOC checks and decisions in `soc-integrator` history for audit, tuning, and UAT evidence.
- To simplify integrations with multiple intelligence providers (VirusTotal, AbuseIPDB, and future sources) behind one internal interface.

- To reduce workflow complexity in Shuffle so playbooks focus on orchestration (branching, ticketing, notifications) while IOC decisioning stays in backend logic.

## 10) Sequence Diagram (MermaidJS)



## **11) SOC Integrator API Inventory**

| Group | Method | Endpoint                    | Notes  |
|-------|--------|-----------------------------|--|
| Core  | GET    | /health                     | Service health and target configuration      |
| Core  | POST   | /ingest/wazuh-alert         | Normalize inbound Wazuh alert payload        |
| Core  | POST   | /action/create-incident     | Create PagerDuty incident                    |
| Core  | POST   | /action/trigger-shuffle     | Trigger Shuffle workflow execution           |
| Core  | POST   | /action/create-iris-case    | Create IRIS case (legacy action endpoint)    |
| IRIS  | POST   | /iris/tickets               | Create IRIS ticket/case via soc-integrator   |
| IRIS  | GET    | /iris/tickets               | List/query IRIS tickets/cases                |
| IOC   | POST   | /ioc/enrich                 | IOC enrichment from configured intel sources |
| IOC   | POST   | /ioc/evaluate               | IOC decisioning/verdict                      |
| IOC   | POST   | /ioc/upload-file            | Upload file to IOC backend (VirusTotal flow) |
| IOC   | GET    | /ioc/analysis/{analysis_id} | Retrieve IOC analysis status/result          |

| Group   | Method | Endpoint                                 | Notes                                      |
|---------|--------|--|--|
| IOC     | POST   | /ioc/evaluate-file                       | Evaluate file indicator or uploaded sample |
| IOC     | GET    | /ioc/history                             | Retrieve stored IOC trace history          |
| Shuffle | GET    | /shuffle/health                          | Shuffle service reachability check         |
| Shuffle | GET    | /shuffle/auth-test                       | Validate Shuffle API key access            |
| Shuffle | POST   | /shuffle/login                           | Login against Shuffle API                  |
| Shuffle | POST   | /shuffle/generate-apikey                 | Generate Shuffle API key from credentials  |
| Shuffle | GET    | /shuffle/workflows                       | List workflows                             |
| Shuffle | GET    | /shuffle/workflows/{workflow_id}         | Get workflow detail                        |
| Shuffle | POST   | /shuffle/workflows/{workflow_id}/execute | Execute specific workflow                  |
| Shuffle | GET    | /shuffle/apps                            | List installed/available Shuffle apps      |
| Shuffle | POST   | /shuffle/proxy                           | Generic proxy request to Shuffle API       |
| Wazuh   | GET    | /sync/wazuh-version                      | Fetch Wazuh version information            |
| Wazuh   | GET    | /wazuh/auth-test                         | Validate Wazuh API authentication          |

| Group | Method | Endpoint                              | Notes                               |
|-------|--------|---------------------------------------|-------------------------------------|
| Wazuh | GET    | <code>/wazuh/manager-info</code>      | Manager information                 |
| Wazuh | GET    | <code>/wazuh/agents</code>            | List Wazuh agents                   |
| Wazuh | GET    | <code>/wazuh/alerts</code>            | Query recent Wazuh alerts           |
| Wazuh | GET    | <code>/wazuh/manager-logs</code>      | Read manager logs                   |
| Wazuh | POST   | <code>/wazuh/sync-to-mvp</code>       | Sync Wazuh alerts into MVP pipeline |
| Wazuh | GET    | <code>/wazuh/auto-sync/status</code>  | Auto-sync loop status               |
| MVP   | POST   | <code>/mvp/incidents/ingest</code>    | Ingest incident into MVP flow       |
| MVP   | POST   | <code>/mvp/ioc/evaluate</code>        | Evaluate IOC under MVP policy       |
| MVP   | POST   | <code>/mvp/vpn/evaluate</code>        | Evaluate VPN event under MVP policy |
| MVP   | GET    | <code>/mvp/config/policies</code>     | Read MVP policy configuration       |
| MVP   | PUT    | <code>/mvp/config/policies</code>     | Update MVP policy configuration     |
| MVP   | GET    | <code>/mvp/health/dependencies</code> | Dependency health snapshot          |

Additional FastAPI-generated endpoints:

- `GET /docs`
  - `GET /openapi.json`
-

## Appendix C (C1-C3) Production Log Mapping Update

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This update documents production log sources and required fields for Appendix C detections implemented in `soc-integrator`.

### C1. Impossible Travel Detection

- Use case:
  - `C1-01` Impossible Travel
- Primary production log sources:
  - VPN authentication success logs
  - Active Directory / Windows authentication success logs ( `event_id=4624` )
  - Cloud IdP login success logs (Entra/Okta/Google Workspace)
- Required normalized fields:
  - `asset.user`
  - `network.src_ip`
  - `timestamp`
  - login success indicator ( `payload.success=true` or equivalent)
  - geo context ( `network.country` and `network.src_lat/src_lon` ) or GeoIP enrichment from source IP
- Detection logic summary:
  - Compare consecutive successful logins for same user
  - Calculate distance and travel time
  - Trigger when computed travel speed exceeds threshold ( `c1_max_travel_speed_kmph` )

### C2. Advanced Credential Abuse & Privilege Misuse

- Use cases:
  - `C2-01` Privileged off-hours login
  - `C2-02` Dormant account activation
  - `C2-03` Service account interactive logon
  - `C2-04` Rapid privilege escalation followed by sensitive access
- Primary production log sources:
  - Windows Security logs ( `4624` , `4672` , `4728` , `4732` , `5145` )
  - Linux auth/sudo/PAM logs

- VPN/IdP authentication logs
- Required normalized fields:
  - `asset.user` , `asset.is_admin` , `asset.is_service`
  - `payload.logon_type` , `payload.event_id` , `payload.action` , `payload.success`
  - `network.src_ip` , `network.dst_host` , `network.dst_port`
  - `timestamp`

### C3. Lateral Movement & Internal Reconnaissance

- Use cases:
  - C3-01 Multi-host authentication success burst
  - C3-02 SMB/RDP lateral movement burst pattern
  - C3-03 Admin account accessing many servers rapidly
  - C3-04 Internal scanning/enumeration burst
- Primary production log sources:
  - Windows authentication and share access logs
  - East-west firewall telemetry
  - IDS/NDR internal movement/scanning alerts
  - Endpoint network telemetry (e.g., Sysmon network events)
- Required normalized fields:
  - `asset.user` , `asset.is_admin`
  - `network.src_ip` , `network.dst_host` , `network.dst_port`
  - login success indicator where applicable
  - `timestamp`

### Minimum Windows Event IDs for Initial Rollout

- 4624 Successful logon
- 4672 Special privileges assigned to new logon
- 4728 , 4732 Privileged group membership changes
- 5145 Detailed file share access

### Implementation Note

- Simulation scripts exist for Appendix C validation and UAT replay:
  - `scripts/send-wazuh-proposal-appendix-c-events.sh`
- In production, these simulated events are replaced by actual VPN/AD/cloud/endpoint/network telemetry sources listed above.

## **Appendix C Production Data Onboarding Checklist**

| Source                          | Log Path / Channel                           | Must-Have Fields   | Use Cases  | Veri (Wa                               |
|---------------------------------|--|--|------------|--|
| VPN Gateway (FortiGate/SSL-VPN) | Syslog export from firewall/VPN device       | timestamp , user , src_ip , action/result , event_id (if mapped), country (optional)       | C1, C2     | full_log:~<br>full_log:*               |
| Active Directory / Windows DC   | Windows Security Event Log (agent/forwarder) | event_id , timestamp , user/account , src_ip (where present), logon_type , success/failure | C1, C2, C3 | rule.id:*<br>(data.win.<br>OR full_lo  |
| Cloud IdP (Entra/Okta/Google)   | API export / SIEM connector -> syslog/json   | user , src_ip , event_time , outcome , geo.country (if available), app/service             | C1, C2     | full_log:~<br>full_log:*<br>full_log:* |
| Windows Endpoints/Servers       | Wazuh agent + Sysmon/Security logs           | event_id , user , src_ip , dst_host , dst_port , process/action                            | C2, C3     | full_log:~<br>AND rule.i               |
| Linux Servers                   | auth.log / secure / sudo / sshd              | timestamp , user , src_ip , action , success   | C2, C3     | full_log:~<br>full_log:*               |
| East-West Firewall              | Internal traffic logs (allow/deny/flow)      | src_ip , dst_ip/dst_host , dst_port , action , timestamp                                   | C3         | full_log:~<br>full_log:*               |

| Source  | Log Path / Channel                  | Must-Have Fields   | Use Cases | Veri (W                                |
|---------|-------------------------------------|--|-----------|--|
| IDS/NDR | IDS alerts / network detection logs | src_ip ,<br>dst_ip/dst_host ,<br>dst_port ,<br>signature/category ,<br>timestamp | C3        | full_log:~<br>full_log:*<br>full_log:* |

### Acceptance Checklist (Per Source)

- Parsing/decoder is stable (no malformed key fields in sampled logs)
- Required fields are present and normalized into event model used by soc-integrator
- Timestamp format is valid ISO-8601 after normalization
- Sample events can be found in wazuh-alerts-\* within expected ingestion latency
- At least one C-use-case evaluation run confirms source contributes to detection context

Date: March 4, 2026 Project: FoodProject SOC Platform (Wazuh + Shuffle + IRIS-web + SOC Integrator)

## Git Diff Progress Summary (Base: 0de071e -> Head: 5e215c0 )

### Diff Snapshot

- Base commit: 0de071e7c9327c8c9135f0c15cf80c31c9b2e59a
- Head commit: 5e215c0
- Net change: 40 files changed, 6083 insertions(+), 108 deletions(-)

### Major Progress Areas

#### 1. SOC Integrator Expansion

- Added full admin UI stack:
  - soc-integrator/app/ui/index.html
  - soc-integrator/app/ui/assets/app.js
  - soc-integrator/app/ui/assets/styles.css
- Added Appendix C correlation/detection service:

- `soc-integrator/app/services/c_detection_service.py`
- Extended API/data layers for monitoring, simulation control, IOC, and detection history:
  - `soc-integrator/app/main.py`
  - `soc-integrator/app/models.py`
  - `soc-integrator/app/repositories/mvp_repo.py`
- Added GeolIP adapter integration:
  - `soc-integrator/app/adapters/geoip.py`

## 2. Wazuh Simulation and Dashboard Delivery

- Added Appendix-specific event generators:
  - `scripts/send-wazuh-proposal-appendix-b-events.sh`
  - `scripts/send-wazuh-proposal-appendix-c-events.sh`
- Added dashboard artifacts/import pipeline:
  - `scripts/events/*.ndjson`
  - `scripts/import-wazuh-dashboard.sh`
- Added Wazuh custom decoder/rules artifacts for proposal scenarios:
  - `wazuh-docker/single-node/config/wazuh_cluster/local_decoder.xml`
  - `wazuh-docker/single-node/config/wazuh_cluster/local_rules.xml`
  - `wazuh-docker/single-node/config/wazuh_cluster/rules/soc-*.xml`

## Wazuh Custom Rules Added (Current Active Set)

Active custom rules are currently defined in:

- `wazuh-docker/single-node/config/wazuh_cluster/local_rules.xml`

Rule groups/ranges implemented:

- Base and appendix classifiers:
  - `100200` : base marker for synthetic SOC events ( `soc_mvp_test=true` )
  - `100210` : Appendix A classifier
  - `100220` : Appendix B classifier
  - `100230` : Appendix C classifier
- Appendix A:
  - A1 IOC/DNS: `100301-100302`
  - A2 FortiGate firewall/IPS/IDS: `100311-100320`
  - A3 VPN anomalies: `100331-100335`
  - A4 Windows/AD behaviors: `100341-100364`

- Appendix B:
  - B1 VMware/vCenter/ESXi: 100401-100403
  - B2 Log-loss monitor signal: 100411
  - B3 Sysmon-focused detections: 100421-100426
- Appendix C (implemented scope C1-C3):
  - C1 Impossible travel: 100501
  - C2 Credential abuse/privilege misuse: 100511-100514
  - C3 Lateral movement/internal recon: 100521-100524

Operational note:

- Split rule files under `wazuh_cluster/rules/soc-*.xml` exist as staging artifacts in this workspace; active detection content is loaded from `local_rules.xml` .

### 3. Operations and Runtime Hardening

- Updated orchestration and runtime configuration:
  - `run-combined-stack.sh`
  - `compose-overrides/soc-integrator.yml`
  - `soc-integrator/Dockerfile`
  - `soc-integrator/.env.example`

## Documentation Progress Included in This Range

- Added/updated proposal revision document:
  - `Security Detection & Threat Intelligence Enhancement Proposal-revise.md`
- Expanded progress log coverage in this file ( `progress-update.md` ) including:
  - Appendix C (C1-C3) production log mapping
  - Production data onboarding checklist
  - Acceptance criteria for source onboarding and validation