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INTEGRATION

IntSOC Integration with Datadog

Modern data centres require visibility across the infrastructure, network and security systems supporting critical applications and services. IntSOC provides high-rate (up to 400Gbps) network observability and AI-powered Network Detection & Response, while Datadog provides a central platform for infrastructure, application and operational monitoring.

The IntSOC–Datadog integration merges these capabilities together, allowing IntSOC appliance health, AI/ML resource metrics, network observability data and security alerts to be integrated directly into Datadog.



THE INTEGRATION

The integration provides Datadog with telemetry from the IntSOC platform, including:

NETWORK OBSERVABILITY

IntSOC network telemetry can be exposed within Datadog, providing visibility of:

- » Throughput and utilisation
- » Packet rates
- » Latency
- » Packet loss
- » Jitter
- » Congestion
- » Microbursts
- » Interface health
- » Network capacity indicators

INTSOC INCIDENT ALERTS

Alerts generated by IntSOC can also be pushed into Datadog, examples include:

- » Network anomalies
- » Beaconing and C2 activity
- » Lateral movement
- » Unusual communication patterns
- » DGA or suspicious domains
- » Long-lived flows
- » Other AI/ML-driven detections

APPLIANCE HEALTH

Operational metrics from IntSOC including:

- » CPU and memory utilisation
- » Storage utilisation and capacity
- » Network interface status and utilisation
- » System and component health
- » Appliance availability

AI/ML RESOURCE MONITORING

Visibility into infrastructure supporting IntSOC's models, including:

- » GPU utilisation
- » GPU memory utilisation
- » AI/ML processing load
- » Model processing activity
- » Inference resource utilisation
- » AI/ML component health

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EXAMPLE SCENARIO

An application begins experiencing intermittent performance degradation.

Datadog identifies increased application latency, while IntSOC telemetry shows elevated network utilisation and microbursts on the associated network path.

At the same time, IntSOC generates an incident alert relating to unusual network traffic from one of the application's servers.

By bringing all of this information into Datadog, the operations and security teams can correlate application performance, network behaviour and security events within a single platform, significantly reducing investigation time.

BUSINESS OUTCOMES

The IntSOC–Datadog integration provides:

» Unified infrastructure, network and security observability
» Visibility of IntSOC appliance and AI/ML health
» Network performance monitoring alongside application telemetry
» Centralised IntSOC alerts within Datadog
» Improved correlation between performance and security events
» Integration into existing Datadog dashboards, alerting and workflows
» Faster identification and investigation of operational and security issues
» A single operational view across the data centre

SUMMARY

The IntSOC–Datadog integration extends Datadog observability into high-performance network, AI/ML and NDR infrastructure.

By integrating IntSOC resource metrics, network observability telemetry and security alerts, organisations can bring infrastructure performance, network behaviour and security intelligence together in a single operational platform.

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