



CROWDSTRIKE

It's a log eat log world

Crucial Log Management Skills for DevSecOps

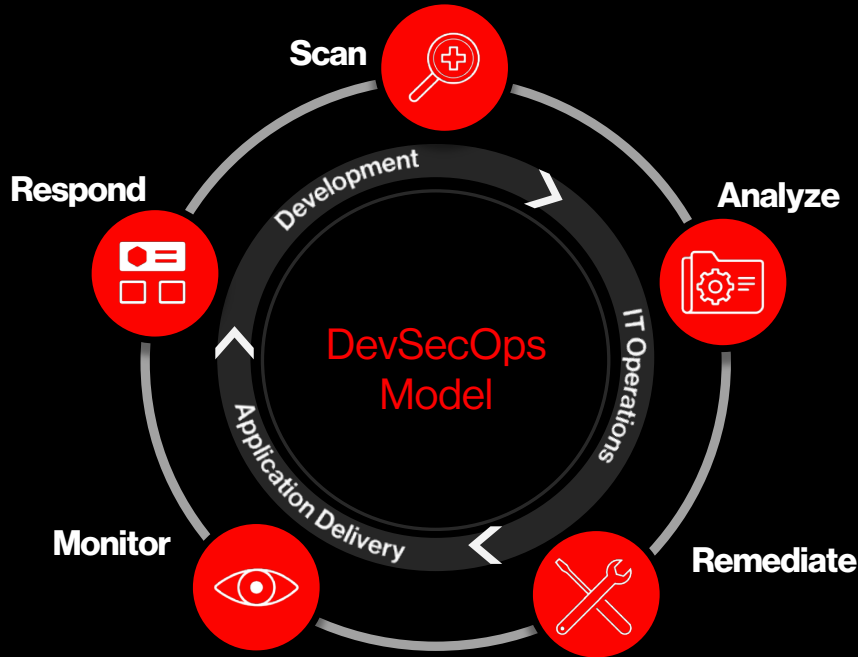
Arfan Sharif, TME, CrowdStrike Falcon™ LogScale

Agenda

- DevSecOps fundamentals
- Logging fundamentals
- What boxes can log management tick for DevSecOps
- Types of relevant logs for DevSecOps?
- DevOps best practices
- So remind me why log management is important



DevSecOps Fundamentals



How does DevSecOps work?

- Incorporating Infosec professionals within the DevOps team
- Elevating the security skill set of the IT team
- Automating select cybersecurity processes and tasks
- Developing security processes and tools

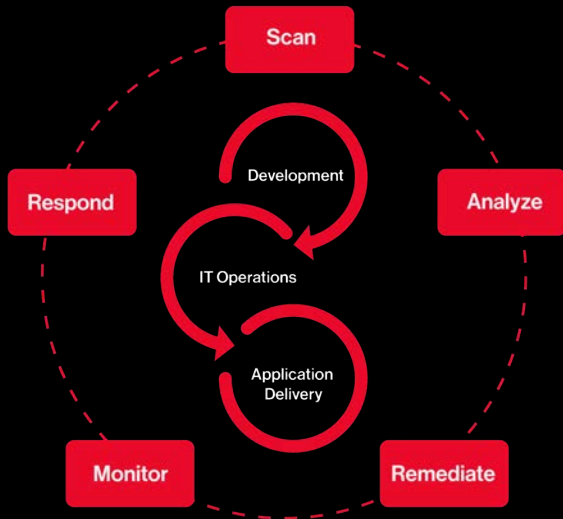
Log Management Fundamentals



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[11/Dec/2018:11:01:28 -0600] "GET /blog/seo/structure-site-nav
[11/Dec/2018:11:01:28 -0600] "GET /blog/author/caleb-cosper HT
[11/Dec/2018:11:01:28 -0600] "GET /about HTTP/1.1" 502 182 "-"
[11/Dec/2018:11:01:28 -0600] "GET /contact HTTP/1.1" 502 182 "-"
[11/Dec/2018:11:01:28 -0600] "GET /case-study/ppc-campaign-res
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[11/Dec/2018:11:01:29 -0600] "GET /case-study/surfs-up-award-w
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What boxes can log management tick for DevSecOps



Monitoring and Troubleshooting



Improving Operations



Better Resource Usage



User Experience



Security and Compliance

Types of relevant logs for DevSecOps?



Network data

Server & application logs

Containers

Mobile devices

Application logs

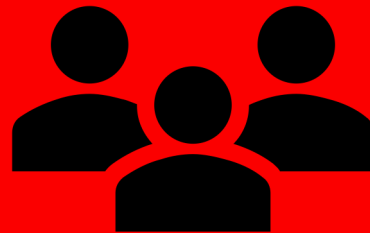


DevSecOps logging best practices

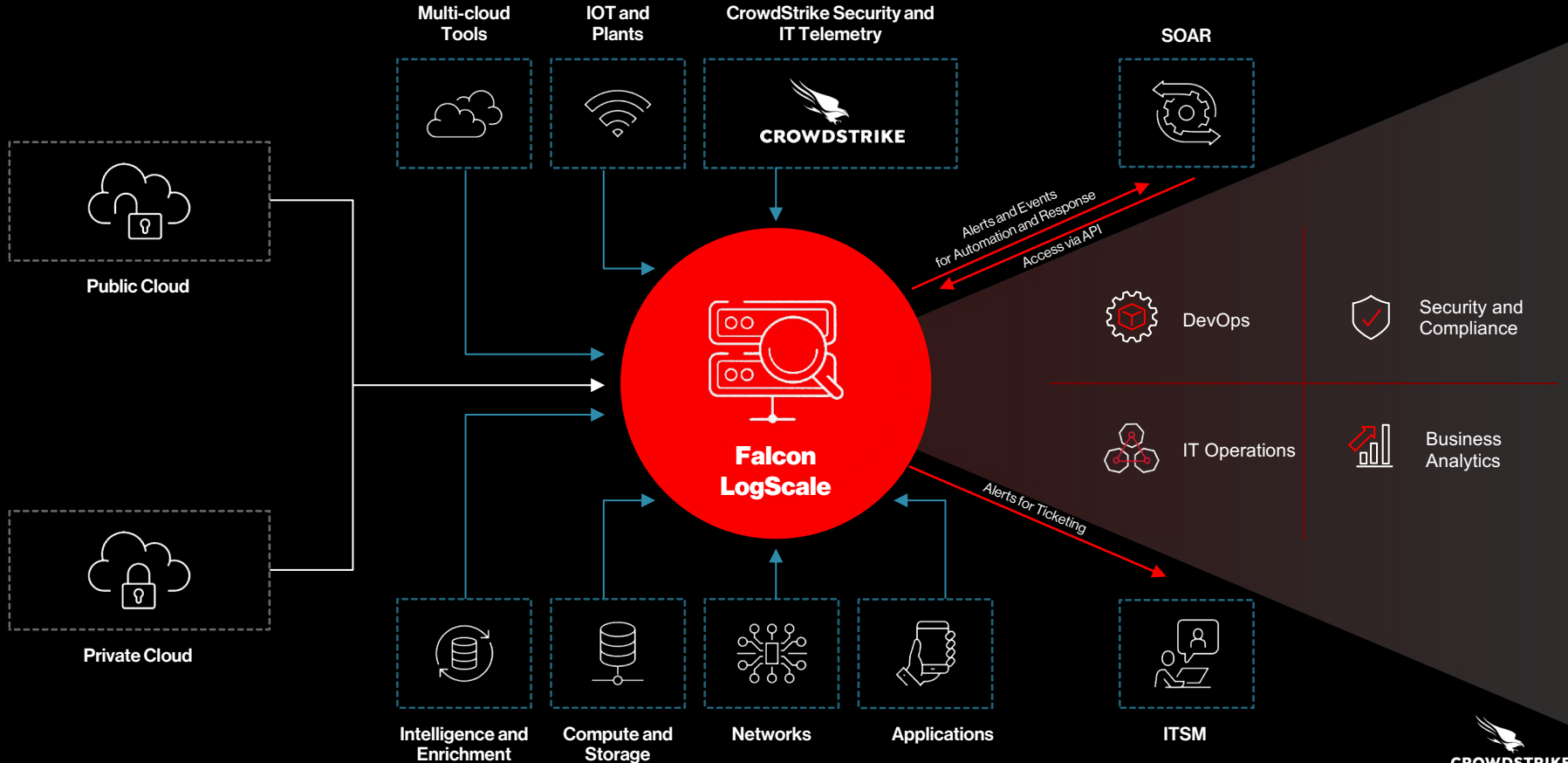
1. Ensure security testing is incorporated throughout the development cycle and completed by the development team
2. Enable the development team to manage and solve issues found during testing.
3. Automate recurring security processes and tasks
4. Ensure you log data from all relevant data sources to give you context over DevOps and SecOps



So remind me why
log management is important



Data to Power DevSecOps



FALCON CLOUD SECURITY

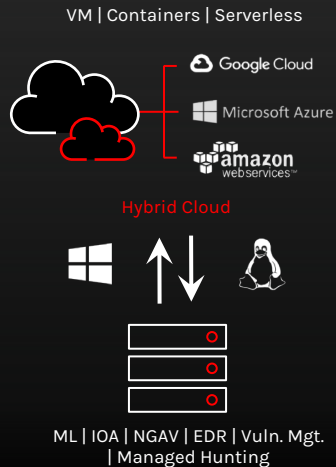
ADVERSARY FOCUSED APPROACH



Agentless Cloud Security



Agent Runtime Protection



Cloud Native Protection

Shift-Left - Image Assessment | RBAC | APIs
Workflows | Automatic Remediations



Platform built for continuous Compliance & Security



Thank You

