



Maturity curve of Cyber Security Professional



I can prevent the bad things

Maturity curve of Cyber Security Professional



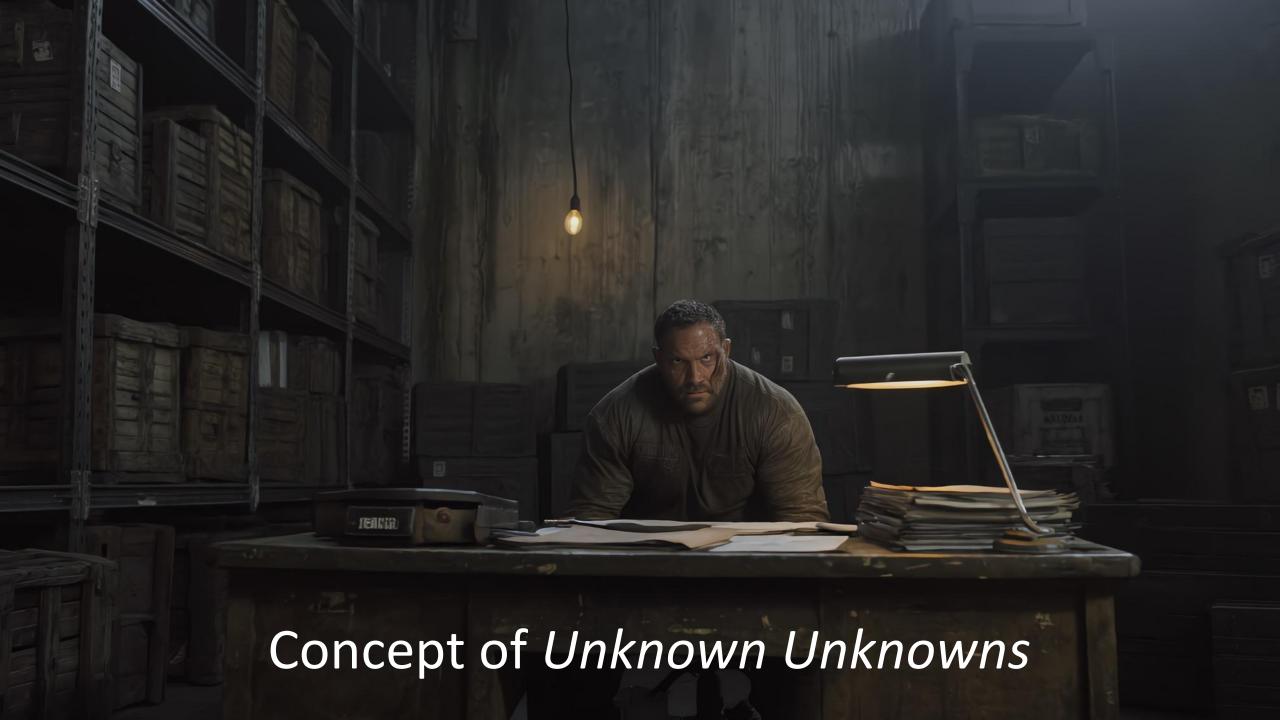
I can detect the bad things

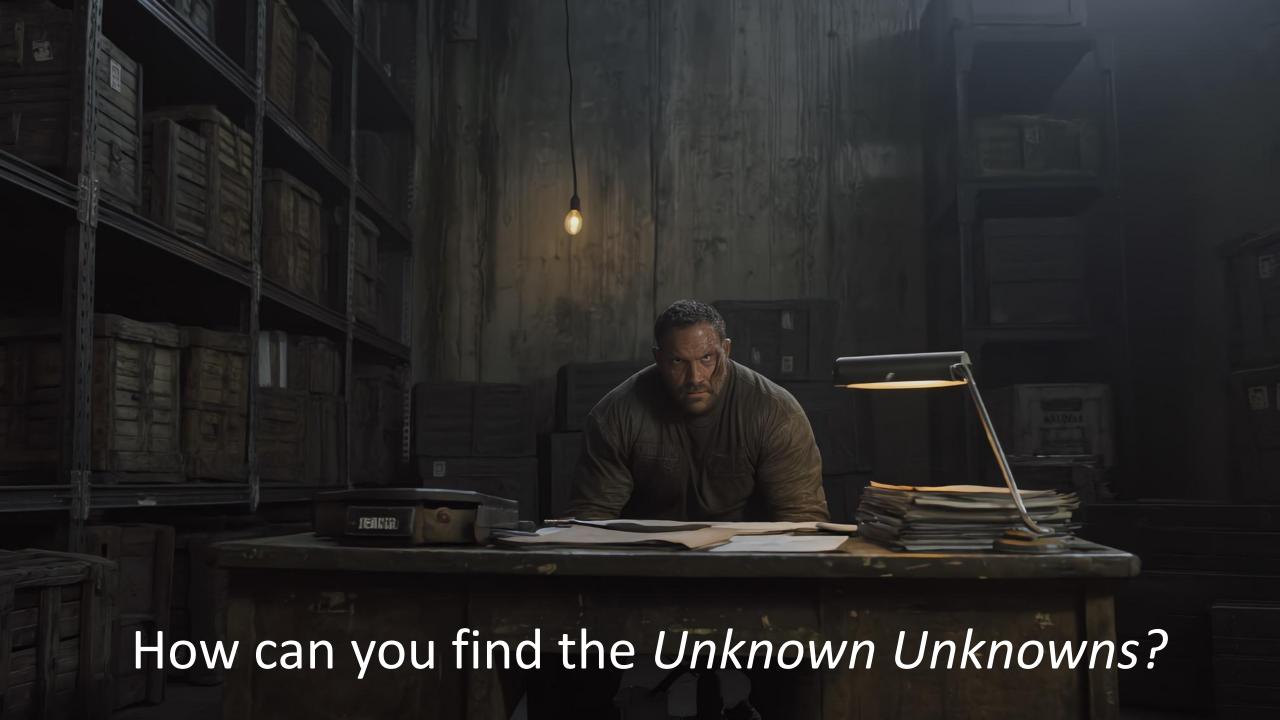
Maturity curve of Cyber Security Professional



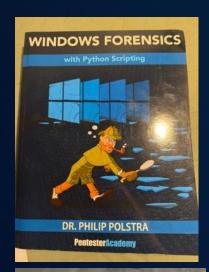
I cannot even see or understand the bad things

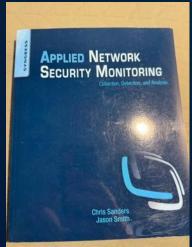


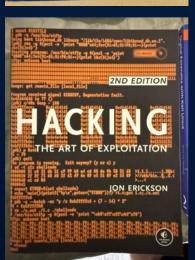


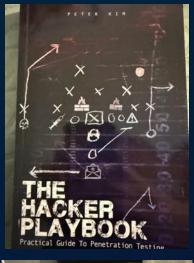


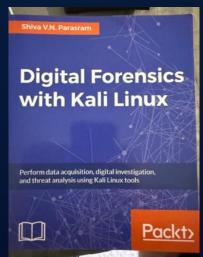
Education is free and you'll need it!

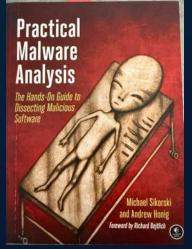


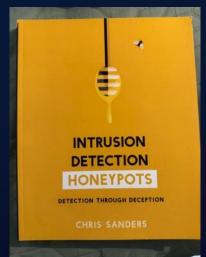


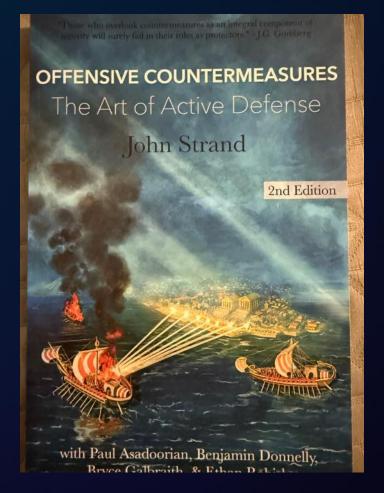












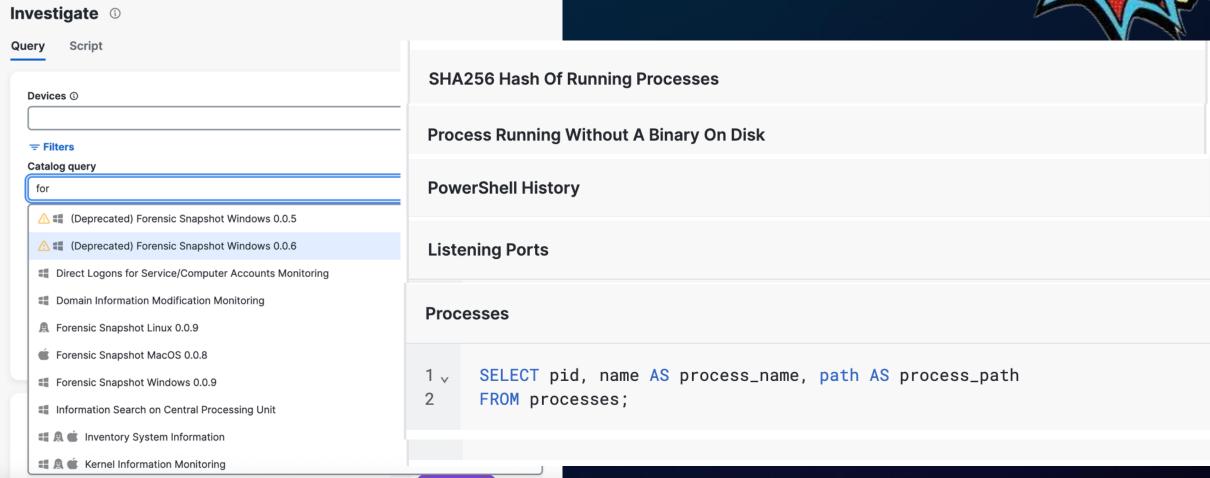


PRACTICAL

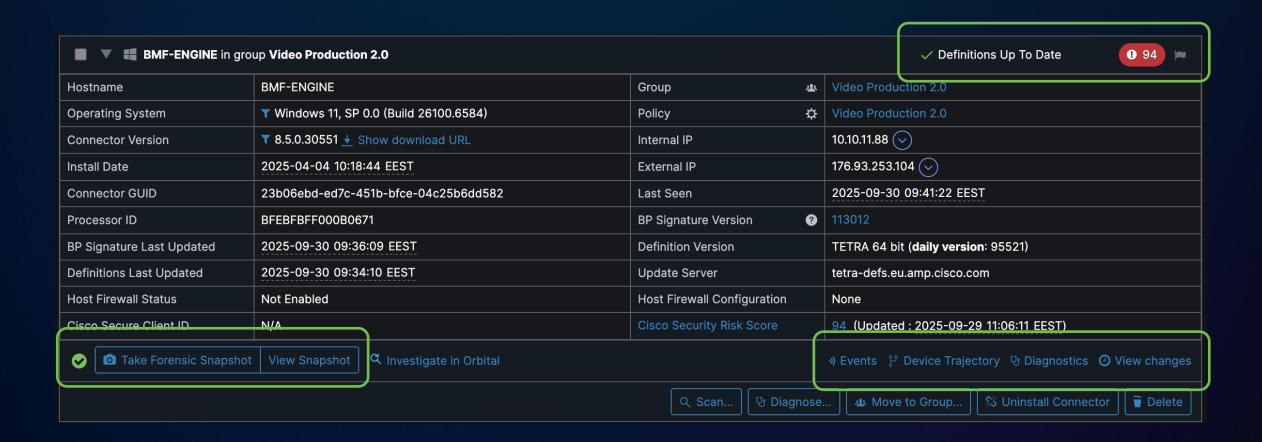


Steps towards continuous forensic OSQuery

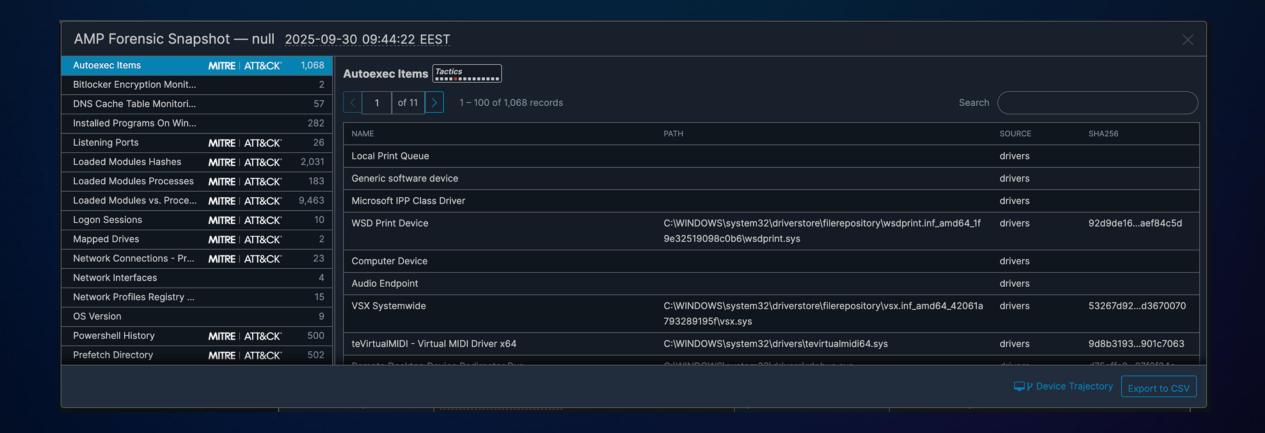




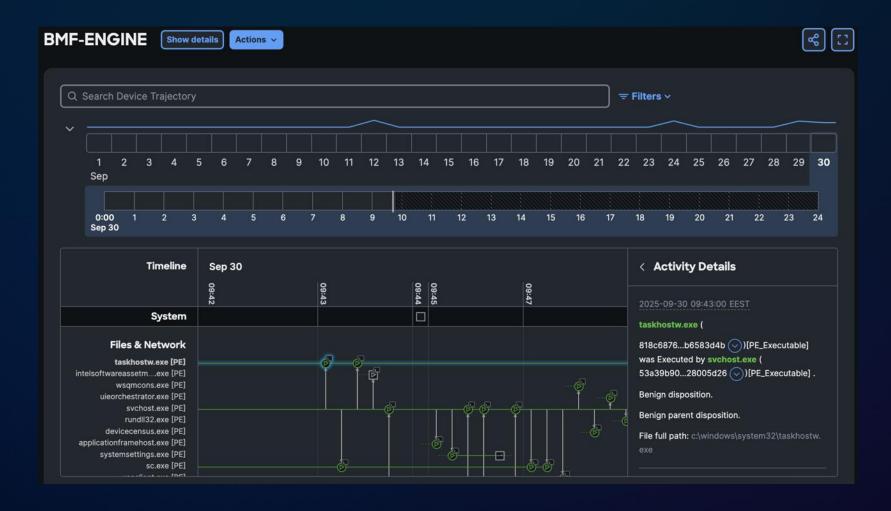
In practice – get the tools you need



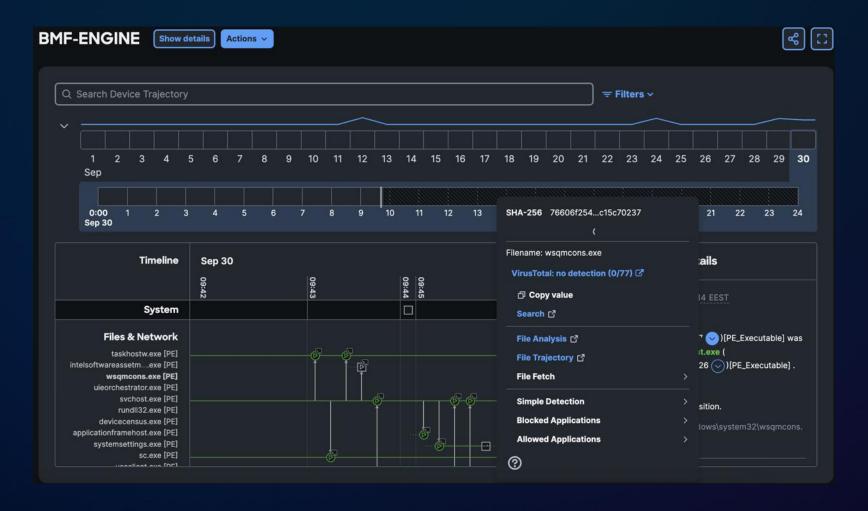
What the box is running



Know your systems!



Tear it apart



Foundation for the search of the Unknown Unknowns Layered structure for efficiency and cost saving

XDR

Tightly integrated and open defense layer Cisco Managed 24/7 Threat Hunting Cisco 24/7 Incident Response



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Resilience platform

3rd party raw data 3rd party alerts Application logs etc.



Right data, right analytics, right actions



Network **Performance**

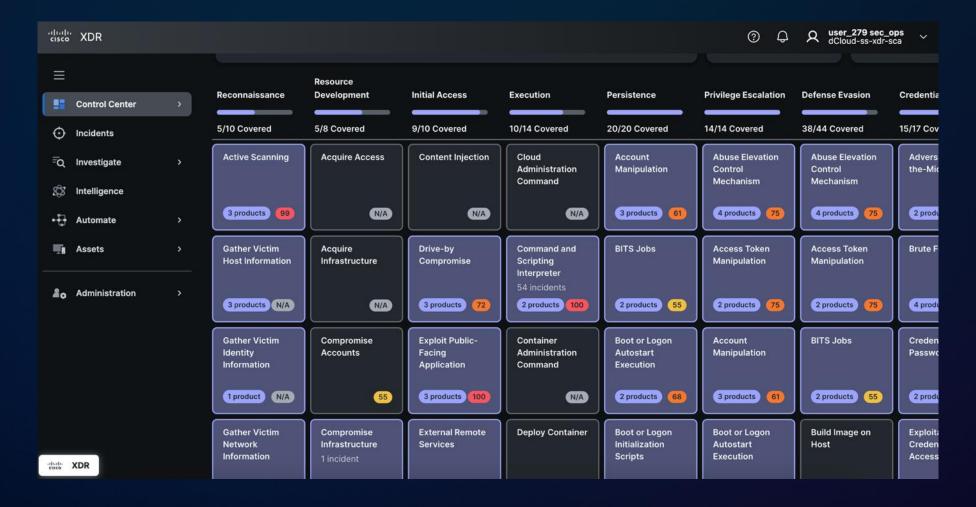


Application and infrastructure

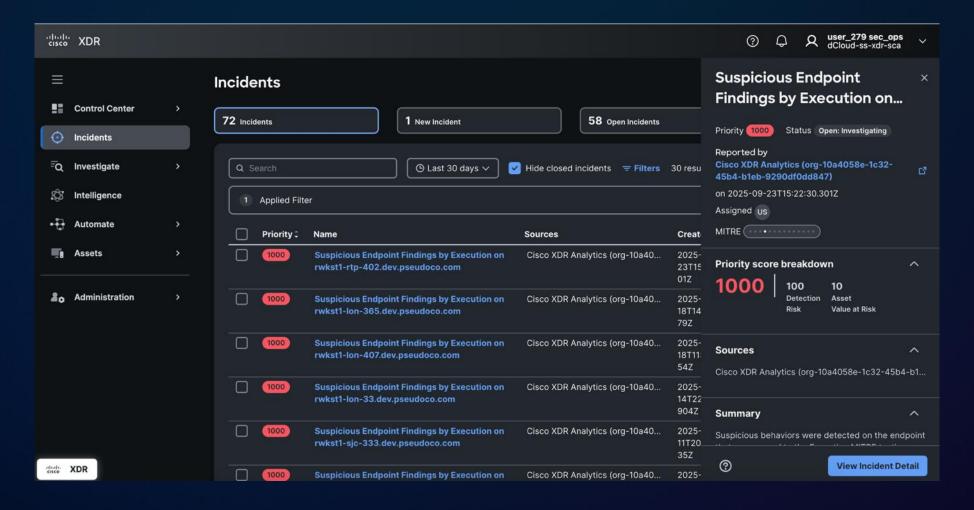


Security **Operations**

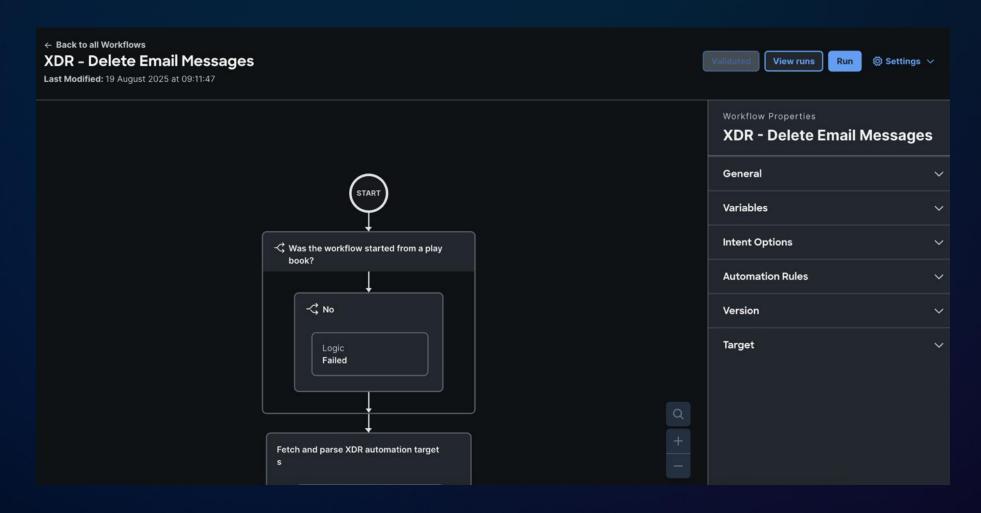
Look at the environment like bad guys are looking



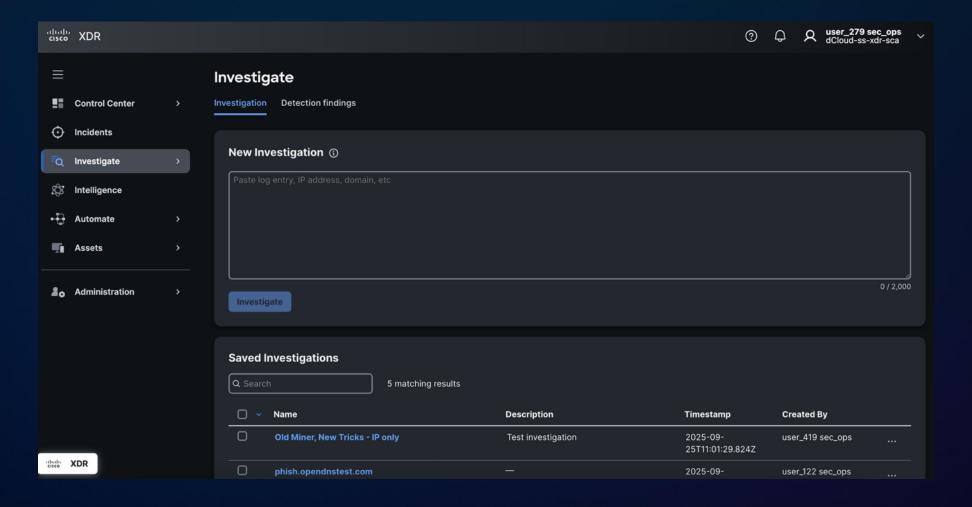
1. Let the technology handle the easy stuff



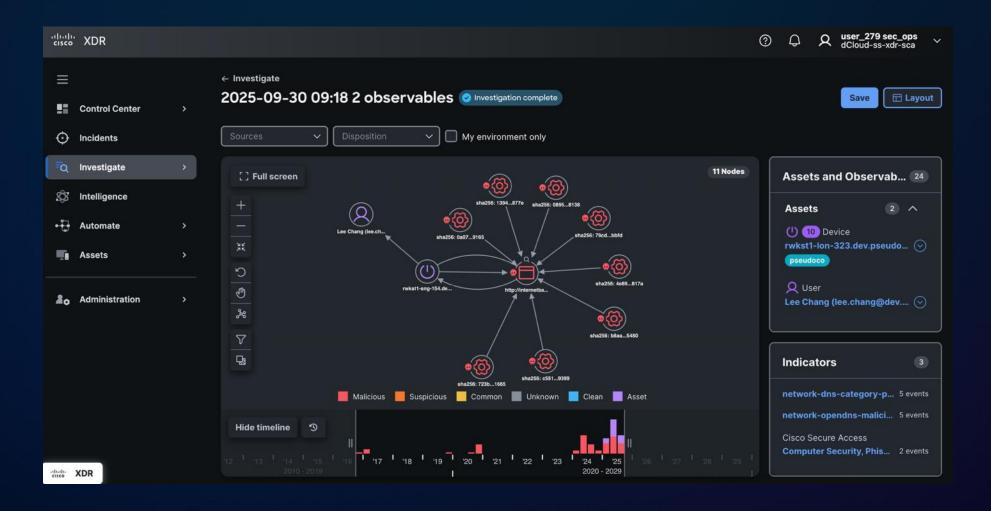
2. Automate or let Cisco to do this for you



F3. Hunt or let Cisco to do this for you



4. Focus on Unknown Unknowns



Back to the darkroom – Back to the raw data





Back to the darkroom – Back to the raw data

Filter	DomairClient of		: Test_Intfc_grps	: Last 6 hours 5 minutes			
Table	☐ Short L	ist					
Flow Table	4 records						
Client H	Host	\$	Start Active Time ▼1	Last Active Time ^2	Server Port 1	Server Host	Serve
172.16.1	2.64 🤍		Apr 10, 2014 2:08:42 PM (2 hours 57 minutes 58s ago)	Apr 10, 2014 2:38:11 PM (2 hours 28 minutes 29s ago)	443	172.16.2.205 🔘	sst_c
172.16.	2.64 🤨		Apr 10, 2014 1:44:15 PM (3 hours 22 minutes 25s ago)	Apr 10, 2014 1:44:15 PM (3 hours 22 minutes 25s ago)	443	172.16.2.205 🧿	sst_c
172.16.2.64 💿			Apr 10, 2014 1:26:32 PM (3 hours 40 minutes 8s ago)	Apr 10, 2014 1:26:32 PM (3 hours 40 minutes 8s ago)	443	172.16.2.205 🔘	ssr_c
172.16.2.64 🤍			Apr 10, 2014 12:35:18 PM (4 hours 31 minutes 22s ago)	Apr 10, 2014 12:38:24 PM (4 hours 28 minutes 16s ago)	443	172.16.2.205 🧿	SSL_C

						9
Server Application Details 💠	Client Packets 💠	Client Bytes 💠	Server Packets 💠	Server Bytes	Client Ratio (%)	I uration \$
SSL_CN: lcbase-01.	263,424	17.66M	220,026	348.84	4.82%] 29 minutes 29s
SSL_CN: lcbase-01.	13	917	11	7.8	6k 4.77%] < 1s
SSL_CN: lcbase-01.	13	917	11	7,8	6k 4.77%] < 1s
SSL_CN: lcbase-01.	18,520	1.24M	15,438	2 4.72	4.79%] 3 minutes 6s

Breach Protection Suite enhances resiliency

Al Driven

Telemetry Rich

Platform Powered



Cisco XDR



Secure Network
Analytics



Talos Incident Response



Secure Email Threat Defense



Secure Endpoint



Cisco Managed Services

Cisco Breach Protection Suite Composition

Essentials

- Cisco XDR Essentials
- Secure Email Threat Defense
- Secure Endpoint Advantage
- Software Support Enhanced

Platform

Advantage

Everything in Essentials Plus

- Cisco XDR Advantage
- Secure Endpoint Premier
- Secure Network Analytics
- Cisco Telemetry Broker

Premier

Everything in Advantage Plus

- Cisco XDR Premier (Managed XDR)
- Cisco Talos Incident Response
- Cisco Technical Security Assessments

Cisco 24/7 Threat Hunting

Full 24/7 MXDR & IR

DIY

Hybrid

Outsource

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