

**JSAC2025**  
Joint Security Analyst Conference

# Follow the Clues

Everyday is lazarus.day

2025-01-21

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# The Evolving Threat Landscape

Financial Gain

Political or Social Agendas

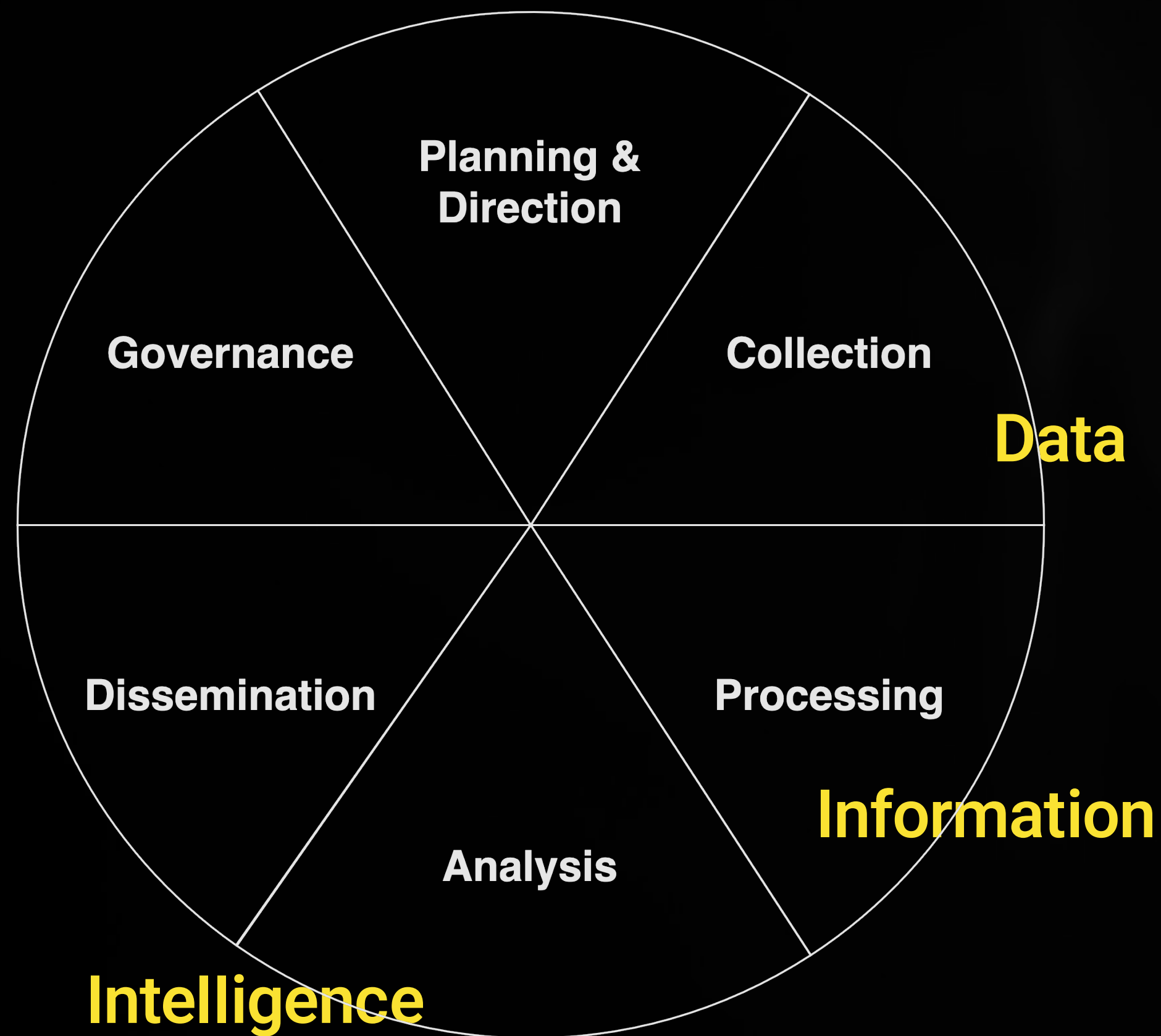


**DPRK State-Sponsored  
Threat Actors**

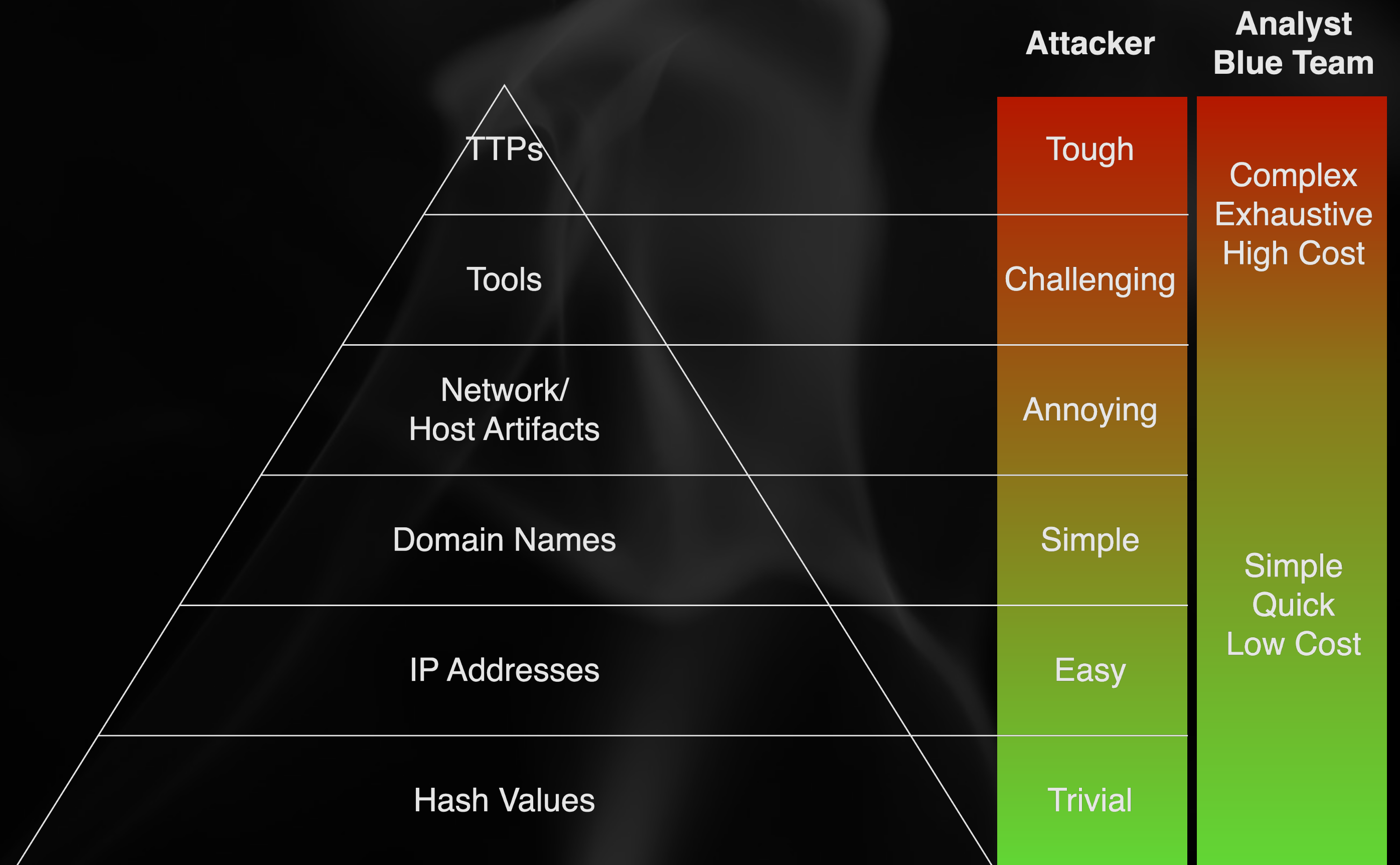
Political Influence and Espionage

# Cyber Threat Intelligence Essentials

**CTI Lifecycle**



**The Pyramid of Pain**



# Threat Detection & Threat Hunting

Reactive Approach

Focus on Known Threats

Detecting Evil

Proactive Approach

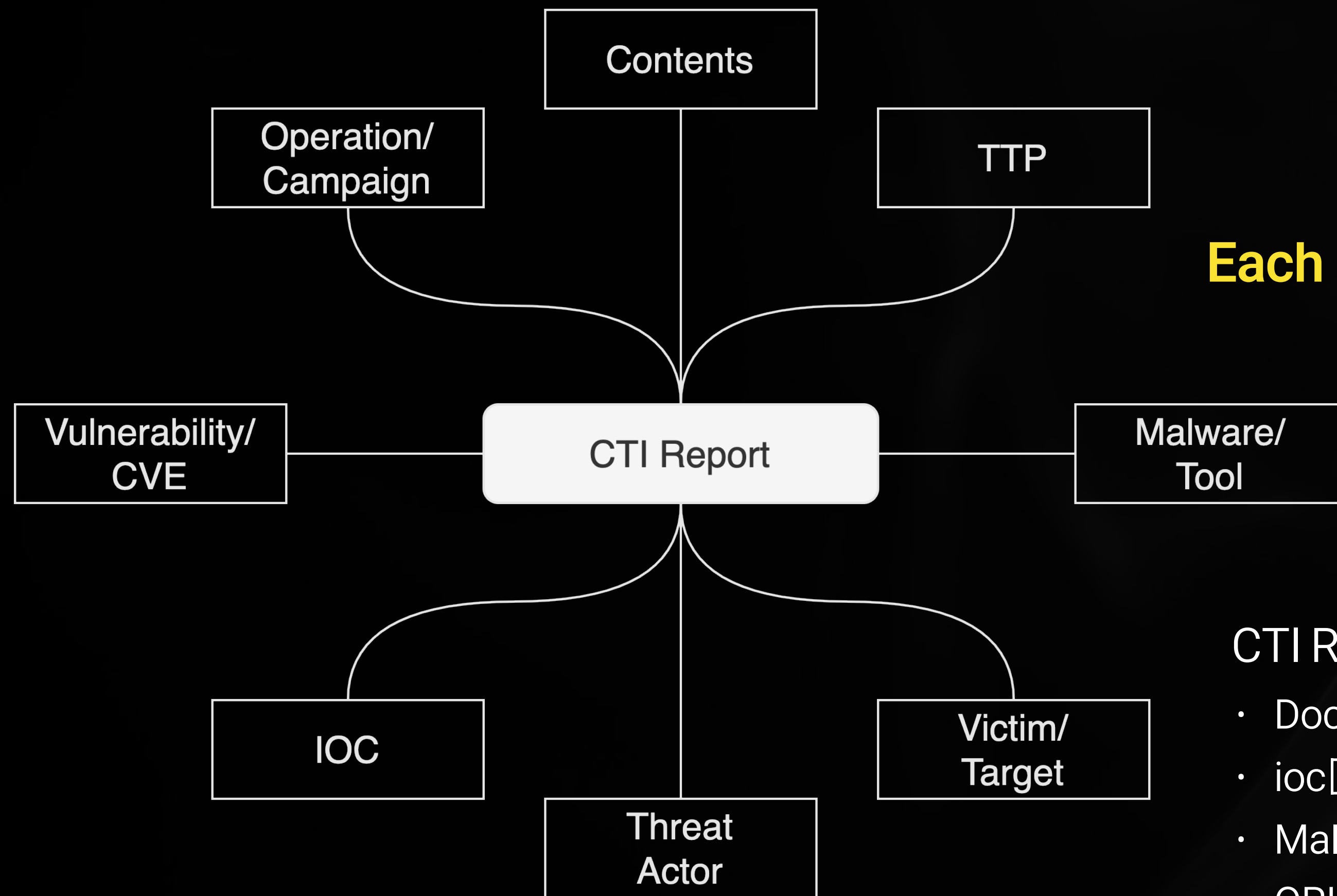
Targets Unknown Threats

Searching for Evil

Rely on CTI & IOCs

Mitigating Threats

# Inside a CTI Report

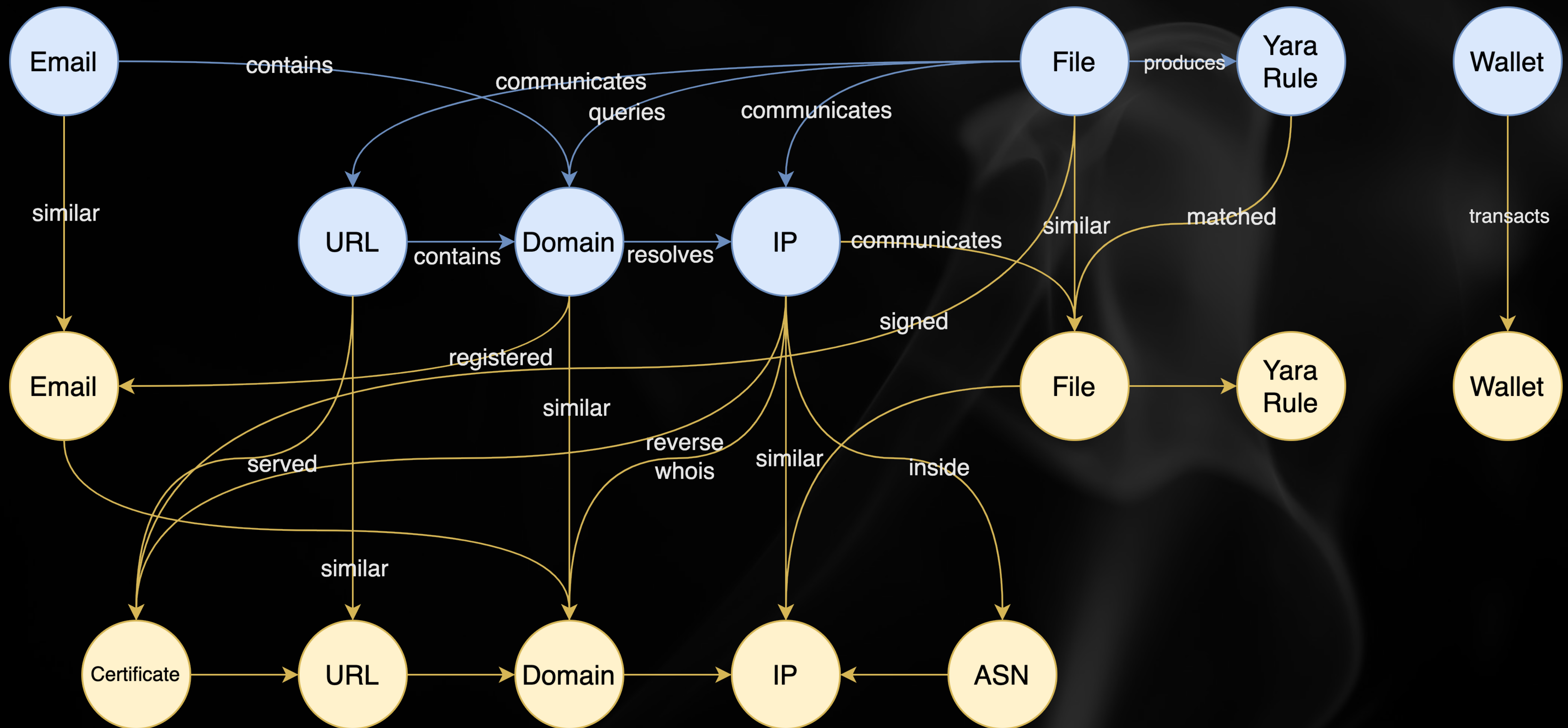


**Each Item can be a Clue**

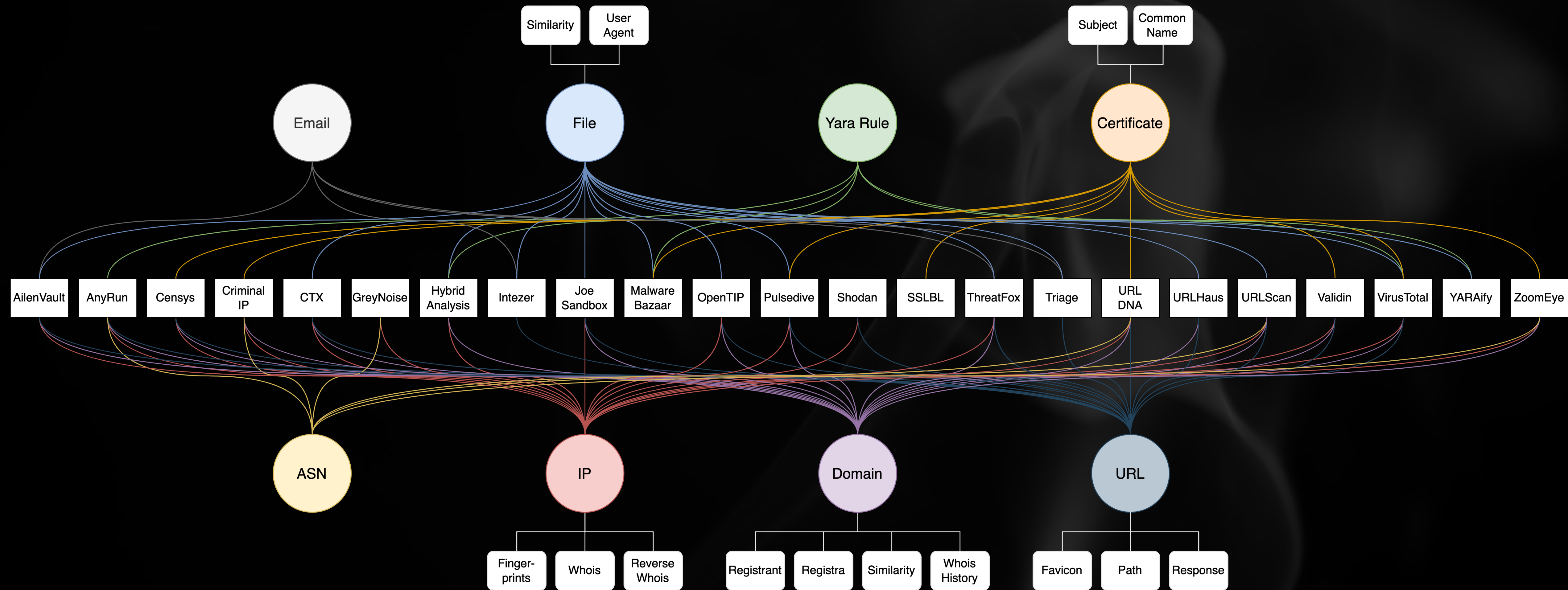
## CTI Report Collections & Platforms

- DocIntel <https://docintel.org/>
- ioc[.]one <https://ioc.one/>
- Malpedia <https://malpedia.caad.fkie.fraunhofer.de/>
- ORKL <https://orkl.eu/>
- Threat Intelligence Reports <https://mthcht.github.io/ThreatIntel-Reports/>
- Vx Underground <https://vx-underground.org/>

# IOC Pivoting / Enrichment



# IOC Pivoting with OSINT



# Introduction to lazarus.day

Reports

2,470

Incidents

187

Actors

187

NEW

FamousChollima

BlueNoroff

Konni

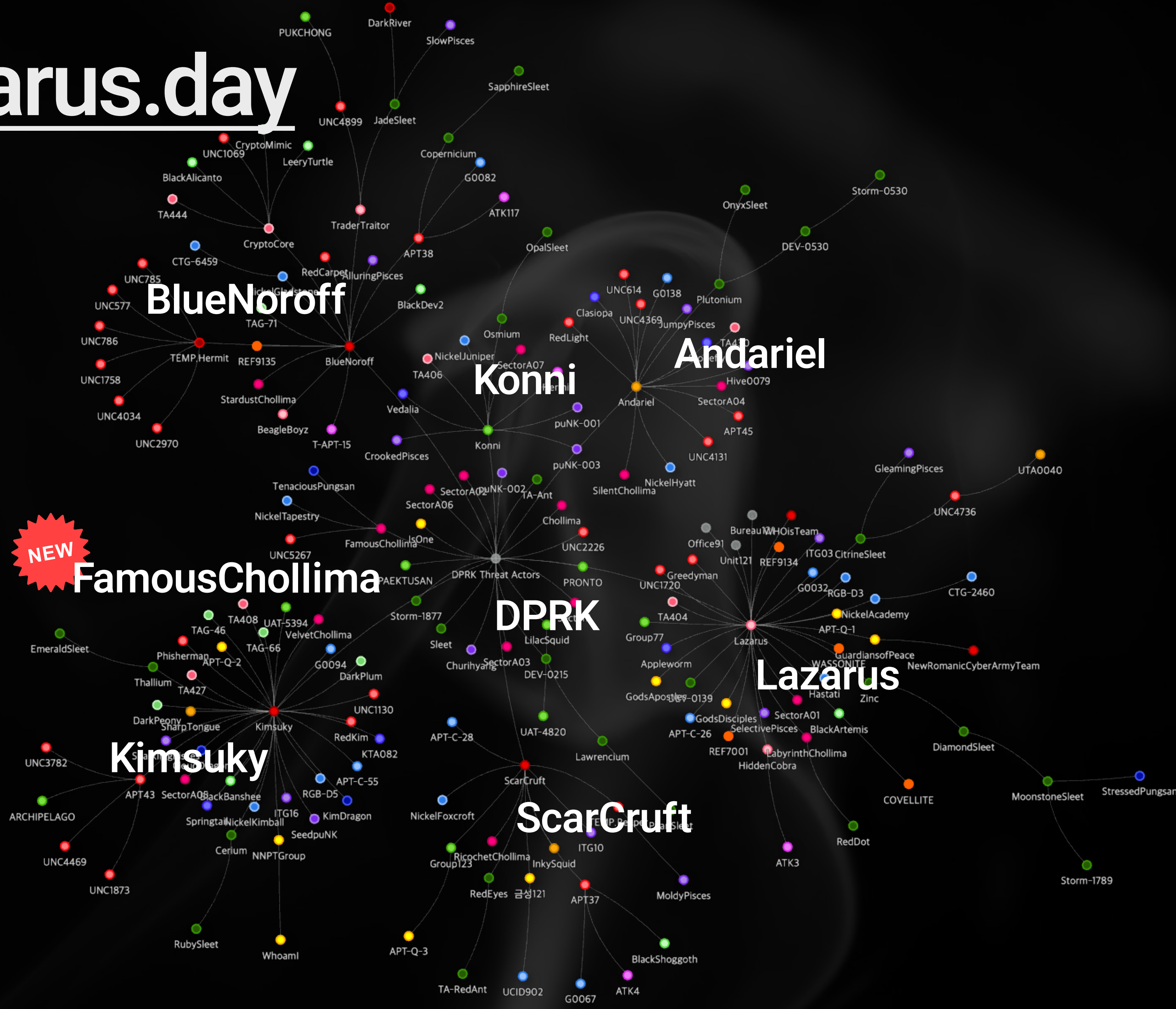
Andariel

DPRK

Lazarus

Kimsuky

ScarCruft





# Everyday is lazarus.day

Collection

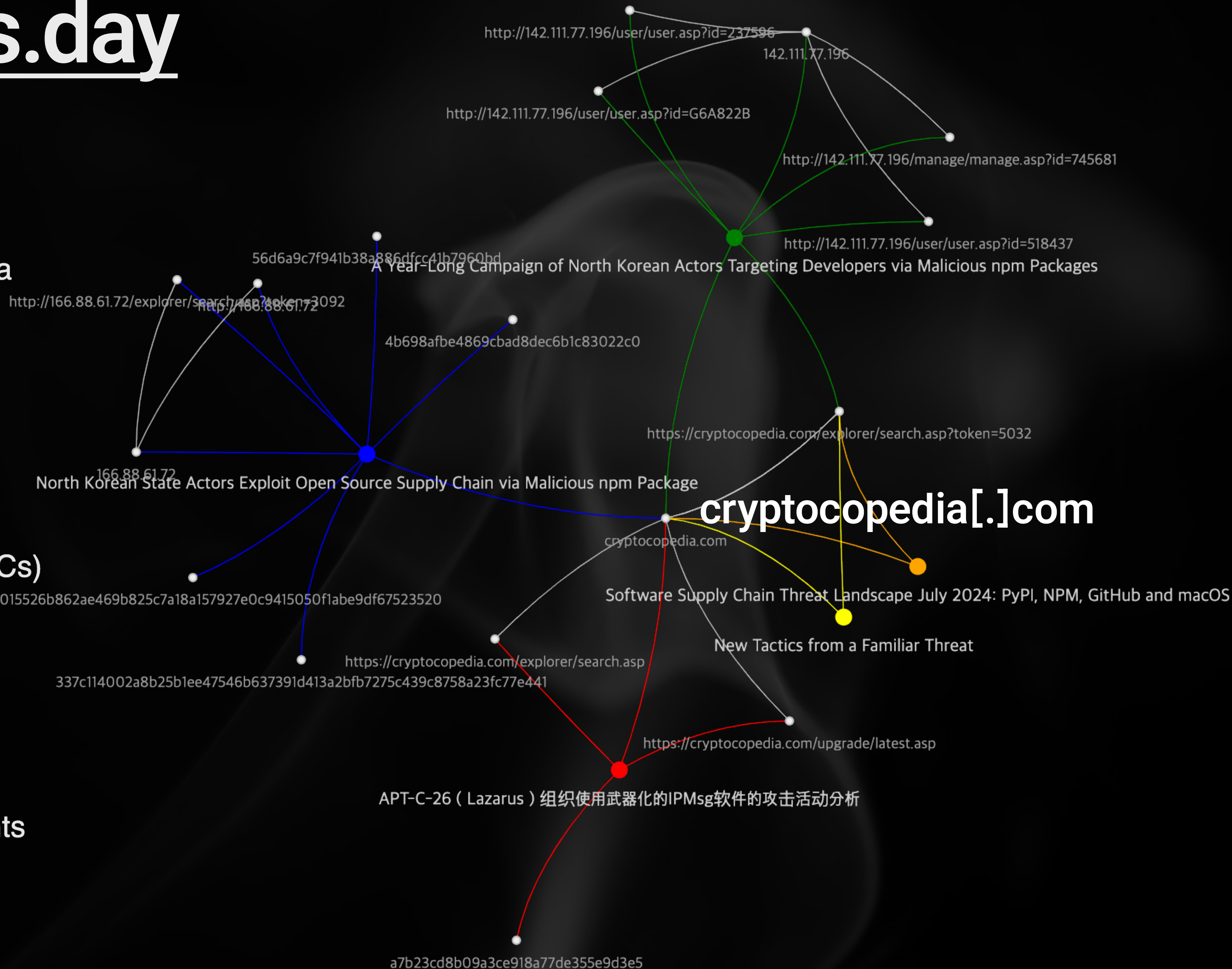
- Monitor RSS Feeds
- Monitor Social Media
- Monitor News

Processing

- Archive Report
- Extract Contents(IOCs)

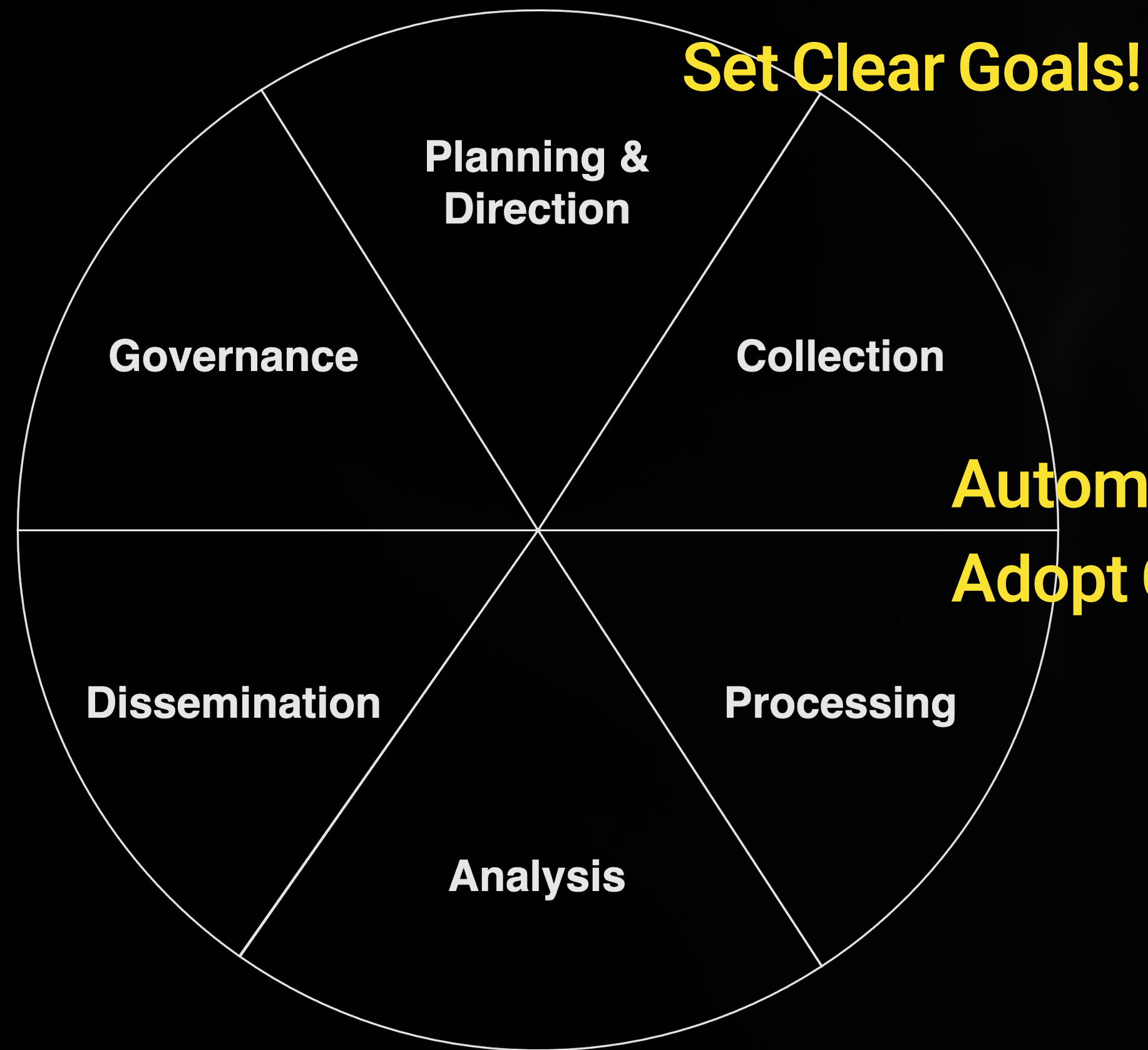
Analysis

- Summarize Report
- Identify New Actors
- Identify New Incidents
- Manage Tags
- ~~IOC~~s Pivoting



# Strategies for Enhanced Threat Intelligence

## CTI Lifecycle



**Set Clear Goals!**

**Automation, Automation, Automation!  
Adopt Generative AI!**

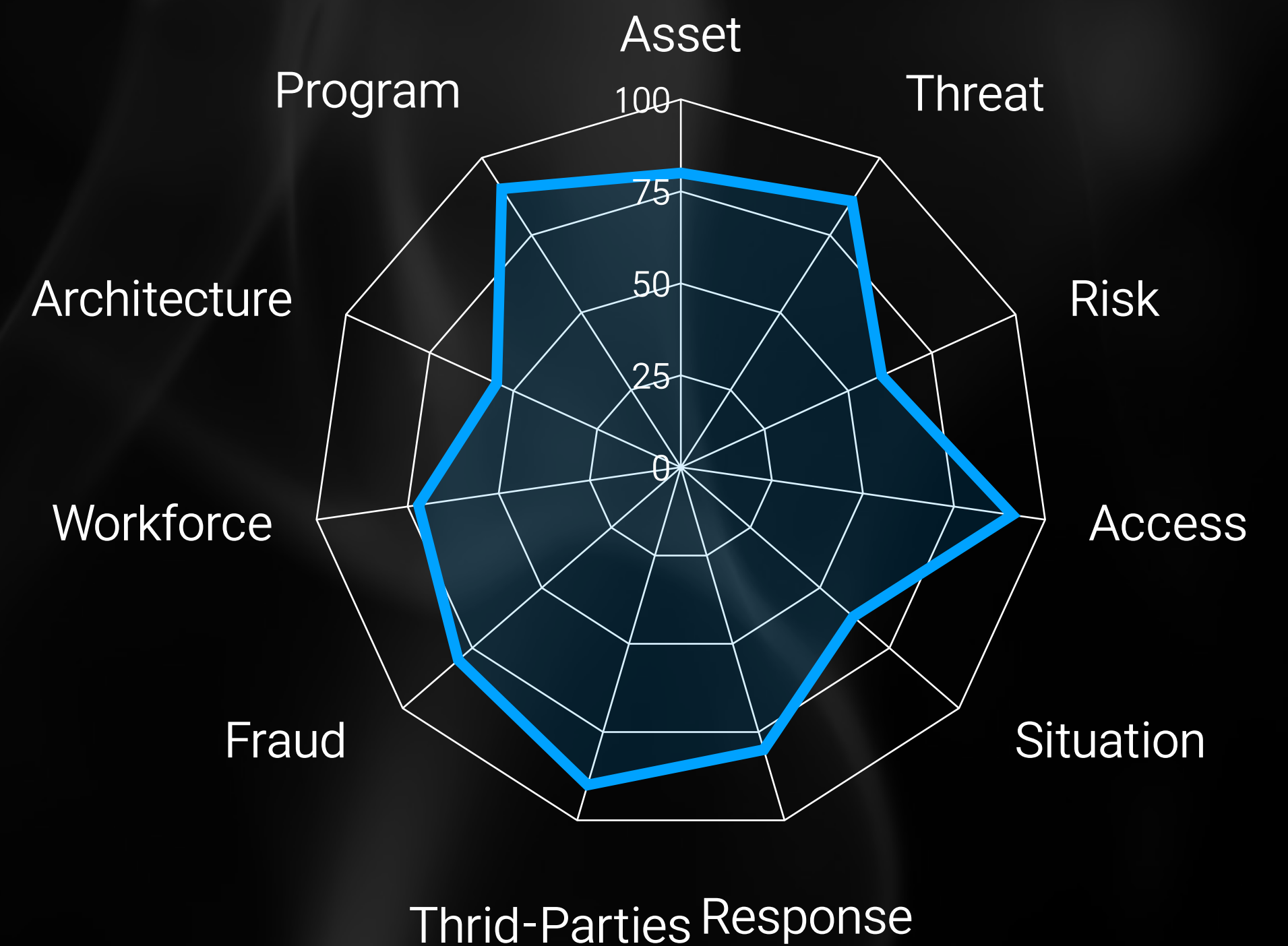
## Tools to Spark Ideas

- Harpoon <https://github.com/Te-k/harpoon>
- IntelOwl <https://intelowlproject.github.io/>
- Censeye <https://github.com/Censys-Research/censeye>
- SecAI <https://secai.ai/>
- TI Mindmap <https://github.com/format81/TI-Mindmap-GPT>

# Conclusion

- Following the Clues is an Endless Journey
  - Requires Patience, Expertise and Investment
- Maximize the Use of OSINT
- Evaluate Your CTI Capability Maturity

## CTI Capability Maturity Model



# Q & A

[@lazarusholic](#)

<https://lazarus.day>

Background Images: Unsplash Marek Piwnicki