



Introduction to **Threat Intelligence**

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LET'S TAKE A STEP BACK:

What is Cyber Threat Intelligence?

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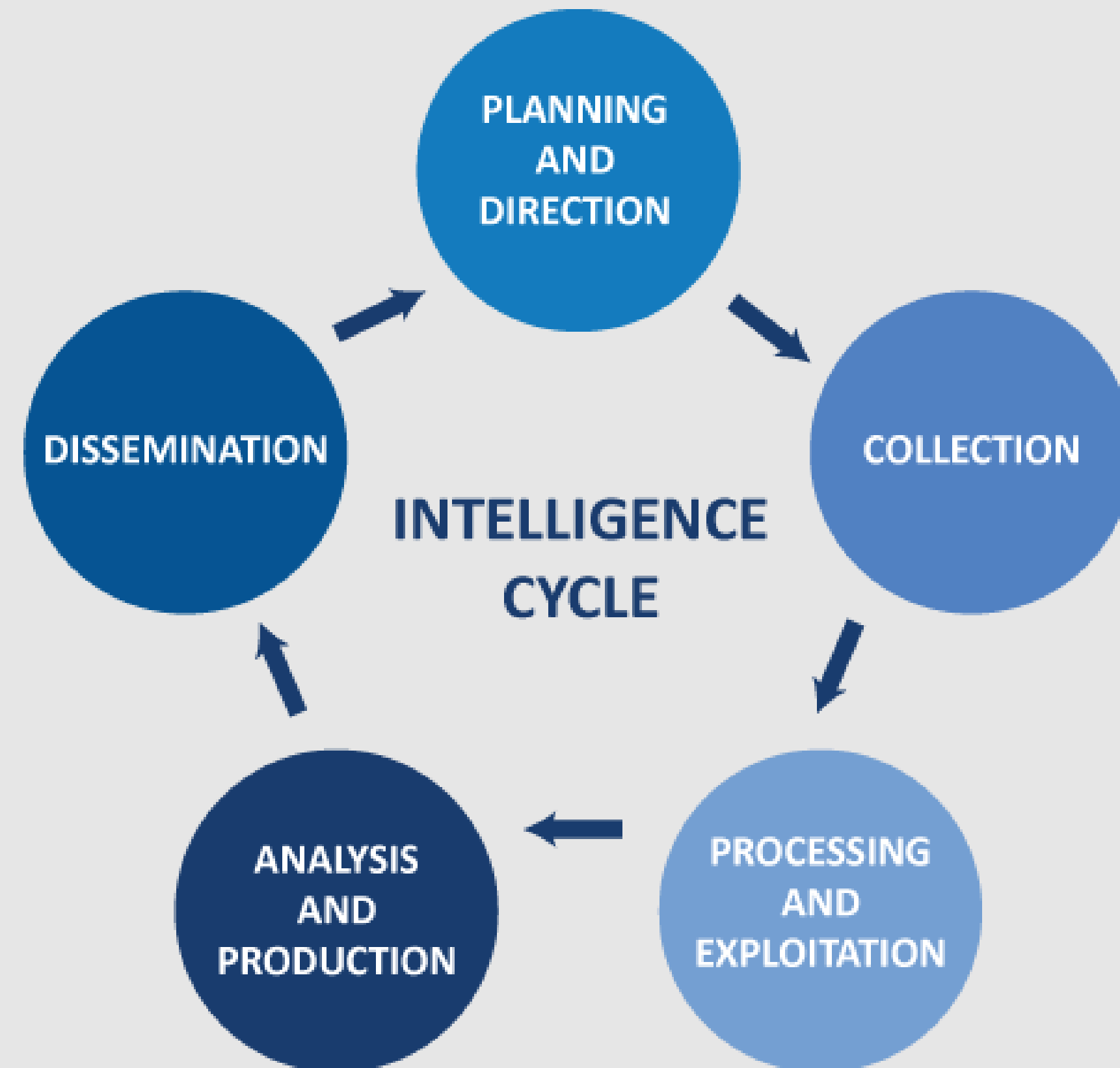
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Intelligence = result and process

The Cycle of Cyber Threat Intelligence



Where is Threat Intelligence in an Organization?

Security Operation Center - support, alert, triage, vulnerability management

Incident Response Support - facilitate information sharing

Strategy and Management - business decision and resource prioritization

Intelligence Planning



01.

Intelligence Requirements

- Objectives or questions from security team
- Leverage pain points in organization
- NO USELESS INTELLIGENCE
- Strategic, Operational, and Tactical considerations

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Threat Modeling

- Know what you have and what the adversaries want
- Know yourself - IP, Financial data, public assets
- Know the adversary - What do they eat?

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Collection Management Framework

- Where do we get data?
- How is it processed?
- What requirements can we fulfill?

A Sample External Collection Management Framework on Malware Data

[illegible]



What is a Threat?

01.

Individual or group with hostile intent, capability, and opportunity

02.

Advanced Persistent Threat (APT)

- typically well-funded, experienced teams of cybercriminals that target high-value organizations.
- a sophisticated, sustained cyberattack in which an intruder establishes an undetected presence in a network in order to steal sensitive data over a prolonged period of time.



CrowdStrike ~ 150 adversaries

“BEAR” refers to Russia, “CHOLLIMA” to North Korea, “PANDA” to China and “KITTEN” to Iran. “SPIDER” is used for eCrime that’s not state-sponsored.

**WHY
ANALYZE
MITIGATED
INCIDENTS?**