



## Threat intelligence can allow targeted defence



## with the aim of preventing an

attack or decreasing the time taken to discover an attack.



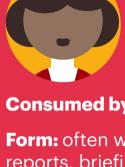
## intelligence to cyber threats.

Targets defences, increases threat awareness and improves responses to potential attacks.



# The four types of threat intelligence





## Consumed by: board and senior staff. Form: often written or verbal, such as reports, briefings or conversations.

intelligence

**Example:** reports on financial impact of cyber activity or attack trends that might impact on high-level business decisions.



are using tools to obtain cleartext

credentials through PsExec.

Consumed by: SOC staff / IR.

credentials and then replaying those

intelligence

**Technical threat** intelligence



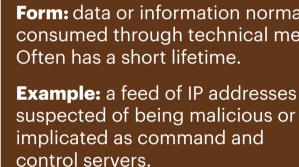
## legally acquire operational intelligence on many groups. However some public groups are easier.

**Operational threat** 

intelligence

news coverage can be used to predict future attacks.

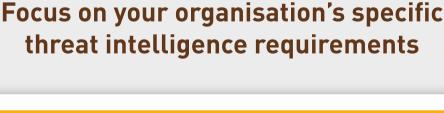
**Example:** regular attacks in response to



## Form: data or information normally consumed through technical means.

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implicated as command and control servers.



TAILORED INTELLIGENCE

**Ask the right questions** 



**Tactical** 

START SMART

Threat intelligence first steps that work

- even with minimal staff and budget

Organisational

Identify where threat intelligence processes might be taking place

unofficially and assess how they could be better supported

## 3. List all actors who would benefit from access to your sensitive data - or your inability to function effectively.

**Strategic** 

1. Identify whether current

other threats.

perceived cyber threats have

been realised in the past.

2. Liaise with industry peers to determine whether there are

# technologies, or systems. Feed tactical intelligence into those refreshes to mitigate attacks.

1. Extract key tactical indicators

papers on threat groups.

2. Determine changes needed

to make your organisation

3. Identify planned refreshes of

less susceptible.

from incident reports and white

## **Operational** 1. List people to contact if your 1. Obtain access to the daily C2 list organisation receives notice of an impending attack.

determine whether negative coverage is leading to them. 3. If not, attempt to identify other potential trigger factors.

2. Google your organisation's

before DDOS attacks to

name for dates immediately

from CiSP\* or other free feeds

2. Review regularly to determine

and place the IP addresses in an 'alert' list on the primary firewall

## whether outbound connections are being made from within your organisation.

**Technical** 

or IDS.

- 3. If so, initiate incident response.
- One-to-one human contacts can be among the best information sources **Forums**



# **Organisations**

securely.

TWO HEADS BETTER

Meet with appropriate peers in similar organisations to discuss your joint perception of existing threats. Focus on relationships where there

Discuss threat intelligence in

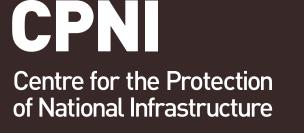
organisations to share information

forums. The CiSP\* allow

further trust.

is already some trust and develop

\* The Cyber-security Information Sharing Partnership (CiSP) is a joint industry government initiative to share cyber threat and vulnerability information in order to increase overall situational awareness of the cyber threat and therefore reduce the impact on UK business.



This Infographic presents one perspective on the topic of Threat Intelligence.

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