



END-TO-END CYBER THREAT HUNTING STARTS NOW.

KPMG Cyber Threat Hunting Solution

Built on a tool developed by the KPMG-A*STAR I²R Joint Lab



The Current Situation:

Unfair odds stacked against defenders

Cyber-attacks are increasing in complexity and frequency. While organizations are becoming more aware of this, traditional security measures such as vulnerability assessments, penetration testing and cyber exercises simply cannot keep up.

These traditional security tools rely on signatures and pre-defined rules to detect and eradicate malicious software, while security frameworks tend to focus on tried-and-tested approaches such as perimeter defenses and defense in depth. However, advancements in technology and the evaporation of organizational boundaries have reduced the effectiveness of such security tools.

In addition, cyber criminals are notoriously difficult to apprehend as they often operate out of regions where cyber regulations are weak or non-existent. The ability to leverage on anonymization technology to cover their tracks make these cyber criminals even bolder.

To add to this, cybercrime will only increase as the world becomes more connected. Today, both businesses and governments are expanding their digital presence, resulting in an increase in vulnerability as their potential attack surface area grows.

Our Solution:

End-to-end cyber threat hunting

With these cyber threats looming and ever evolving, there is an urgency for organizations to adopt an active stance towards cyber defense. Cyber threat hunting presents one way to do this, by working under the presumption that systems can be compromised.

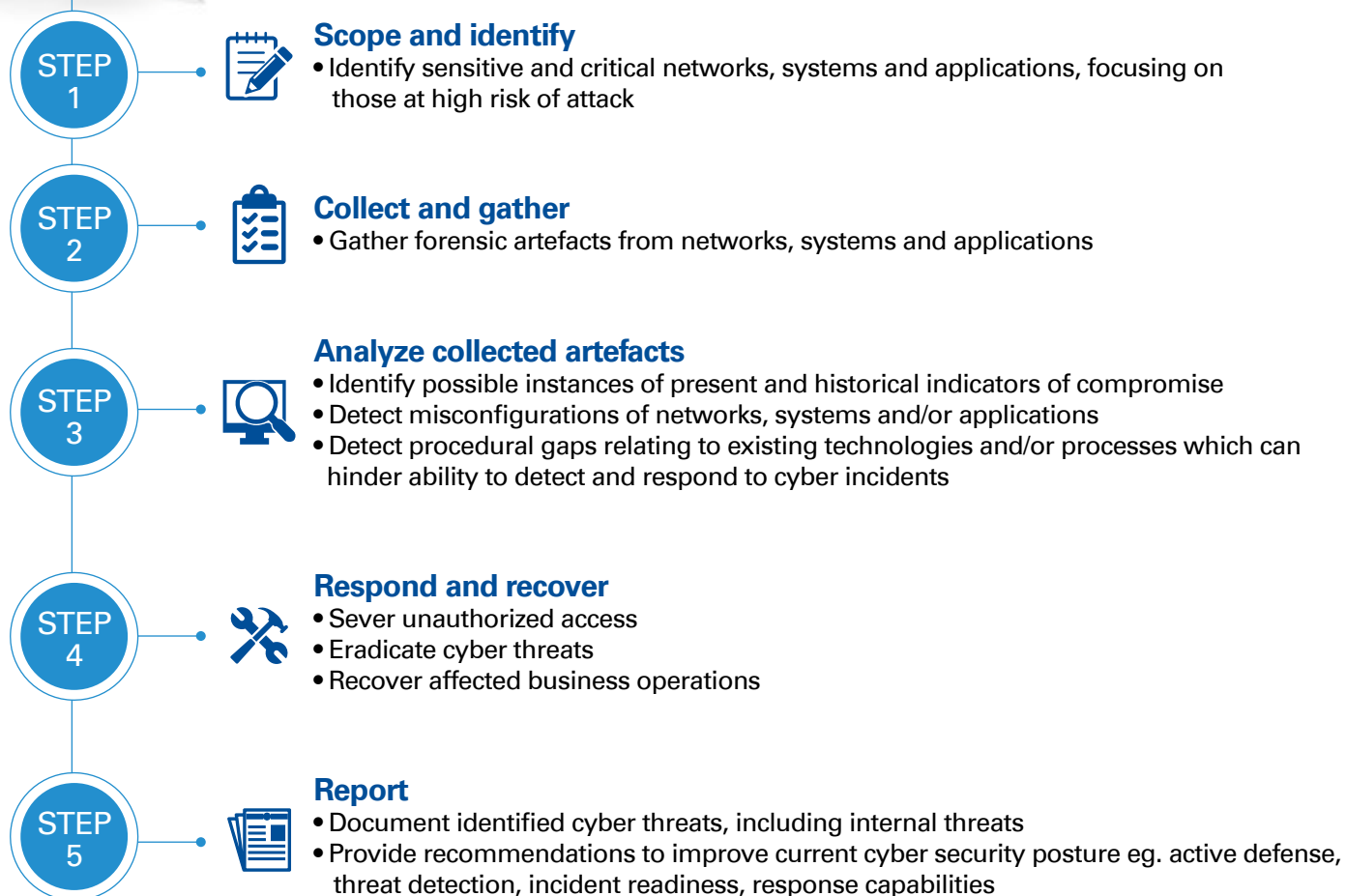
The KPMG Cyber Threat Hunting Solution is an end-to-end solution that combines the investigative experience of forensic professionals with the multi-dimensional discovery capability of data science to identify otherwise undetected threats and anomalies. It collects, analyzes and reports threats and anomalies from both past and current system activities, so that you can take the action necessary to better protect your organization.

Central to the KPMG Cyber Threat Hunting Solution, is its cyber threat hunting tool. Jointly developed by KPMG and the Agency for Science, Technology and Research's (A*STAR) Institute for Infocomm Research (I²R) as part of the KPMG-A*STAR I²R Joint Lab, this tool is able to identify malicious and suspicious activities that would otherwise remain undetected - critical information that KPMG then analyzes and uses to ensure organizations have the right security measures in place.



THE KPMG CYBER THREAT HUNTING SOLUTION

5 steps to taking down cyber threats in your system



Shifting the odds in your favor

By applying the KPMG Cyber Threat Hunting Solution, you will have enhanced visibility and gain cyber situational awareness of what is happening within your IT environment and how you can better secure your system moving forward.

Our experienced investigators will work hand-in-hand with your IT security teams. Over time, we will also empower them to conduct their own cyber threat hunts. Our depth of knowledge, proficient skill sets and the experience of thinking like an attacker add a competitive edge to your cyber threat hunt.



THE KPMG CYBER THREAT HUNTING SOLUTION



Minimal footprint in data collection and analysis

KPMG's unique approach does not require any prior software installation. This ensures operational secrecy and thwarts reconnaissance attempts by attackers. This low-profile, installation-free approach is essential for effective insider threat investigations.



Early detection of data breaches

Detecting and stopping a cyber attack in its early stages allows an organization to eradicate threats before catastrophic damages are incurred. An attacker's goal is often an organization's crown jewel, which is usually protected by multiple layers of defenses. Your goal should be detecting them before they reach their target.



Enhancing critical cyber defenses

Cyber threat hunting also allows you to maximize the returns on existing security defense investments, and brings improvements to current security appliances. KPMG also provides recommendations to improve your security system's performance and reduce operating costs.



Capability development with KPMG-A*STAR I²R Joint Lab

The KPMG Cyber Threat Hunting Solution is jointly developed by KPMG and A*STAR's I²R, and combines industry-leading professional expertise and cutting-edge data science to create an end-to-end threat hunting solution that is truly set apart.

Grow your business with Cyber Confidence.

Contact us

Eddie Toh

Head of Forensic Technology, Asia Pacific
KPMG in Singapore

T: +65 6213 3028 E: eddietoh@kpmg.com.sg

Chua Zong Fu

Director, Forensic Technology
KPMG in Singapore

T: +65 6213 2806 E: zongfuchua@kpmg.com.sg

Lim Minhan

Director, Forensic Technology
KPMG in Singapore

T: +65 6213 2489 E: minhanlim@kpmg.com.sg

KPMG Cyber Response Hotline: +65 6213 3833

Find out more about our services at
kpmg.com.sg/cyberconfidence

KPMG
16 Raffles Quay
#22-00 Hong Leong Building
Singapore 048581
T: +65 6213 3388

kpmg.com/socialmedia



© 2019 KPMG Services Pte. Ltd. (Registration No: 200003956G), a Singapore incorporated company and a member firm of the KPMG network of independent member firms affiliated with KPMG International Cooperative ("KPMG International"), a Swiss entity. All rights reserved. Printed in Singapore.

The information contained herein is of a general nature and is not intended to address the circumstances of any particular individual or entity. Although we endeavour to provide accurate and timely information, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. No one should act on such information without appropriate professional advice after a thorough examination of the particular situation.

The KPMG name and logo are registered trademarks or trademarks of KPMG International.