Effectively detect and respond to cyber attacks

Improve your ability to detect and respond to cyber attacks using your Microsoft security solutions.

The challenge

To become resilient to cyber threats, organisations need to be able to rapidly and effectively detect and respond to attacks. Many organisations are not confident they can do this, uncertain about the value their existing spend has provided, and struggle with the following key questions:



Our solution

PwC has partnered with Microsoft to help you to rapidly reorient and boost your SOC's focus, pace and effectiveness. We bring a multi-disciplinary team in-depth knowledge of the Microsoft security solutions, using our detection and response accelerators to:



Orient your capability to your threats

Identify the threats and threat actors most likely to target your organisation, their techniques and validate your deployment of Microsoft detection capabilities and configuration.



Purple Teaming Playboks

Threat Modelling Library



Increase your detection coverage

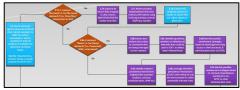
Configure Microsoft security tools to detect these techniques, by targeting the right coverage, driving focussed effort by your IT teams and developing, tuning and validating detection rules in Azure Sentinel.



3

Reduce your time to respond

Streamline response activities, by improving the structure of security operations teams and enhancing incident response plans and playbooks.



Response Playbooks and Processes

4

Optimise your use of Microsoft security tools

Configure Microsoft security tools to automate and orchestrate your response to common security threats, and free up analyst time for higher priority actions.

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SOAR Automation Flows

Client Scenario

We recently used this approach with a FTSE 100 financial services company. They had a managed security service provider that was not effective at detecting attacks and wanted to build their own SOC based on Microsoft security tools. We helped them to:



Target

- Identified the threats and threat actors targeting organisation
- Assessed gaps current in security tooling
- **Prioritised improvement** activities
- Aligned to real-world threats drawing on our experience responding to incidents.



- Developed requirements and rules Microsoft's Azure Sentinel
- Configure tools to increase coverage, value and risk reduction
- Enabled the client to move away from their managed security service provider



- Simulated cyber attacks to validate that improvements are effective
- Exercised security teams to ensure incident response processes are effective.
- Tuned tools and ensured they effectively detect threats using a Purple Team approach

Benefits of working with the PwC and Microsoft Alliance

We combine our cross-industry experience with our in-depth knowledge of the Microsoft security solutions, to help you realise value from your investment in a cyber security platform.



Use **Microsoft Azure Sentinel** to provide a single solution for alert detection, threat visibility, proactive hunting, and threat response.



Exploit **Microsoft 365 Defender** to coordinates detection, prevention, investigation, and response across endpoints, identities, email, and applications.



We can bridge the gap between what you 'can do' and what you 'are doing' bringing a full spectrum of certified cyber specialists, including experts in threat detection, incident response, threat intelligence, and security operations.



We are rated by Forrester as the **leading**¹ Global Cybersecurity Consulting Services provider.



We have real-world experience of defending against threats from our global **incident response practice** and our **Managed Cyber Defence** service.

¹Forrester Wave: Global Cybersecurity Consulting Providers Q2 2019

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