

Detection Coverage Assessments

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Are you confident in your detection coverage, tooling & sources?

Can you increase or improve your detection capabilities?

Our bespoke solution offers a safe and consistent method to assess your detection capabilities for gaps and efficacy.

Aligned to the MITRE ATT&CK framework, our coverage assessments provide you with a clear understanding of where detection logic is missing or incomplete. Delivered in a repeatable fashion, Detection Coverage Assessments provide key insights into detection capabilities and demonstrate improvements over time.

You've taken the time and made the investment to secure your environment, but how do you know if your security monitoring solution is working effectively? Too often, these tools provide zero visibility into how they're operating.

Detection Coverage Assessments evaluate your security monitoring and defences' ability to identify and mitigate a wide range of complex threats. A comprehensive and cost-effective solution to understand your defences, identify weak points and areas for improvement.

Traditional assessments of companies' detection and response capabilities take many weeks and are expensive. We've developed a service for a fraction of the time and cost.

Gain visibility into your cyber defence maturity and coverage.



A test case approach enabling techniques to be executed in isolation, providing a true, unbiased view of an organisation's ability to detect a technique.



Test a wide range of techniques and tactics utilised by real threat actors. Informed by NCC Group Threat Intelligence, ensuring that you're being tested against the latest threats and attacker techniques.



Maximise security investment with prioritised recommendations. Detection Coverage Assessments deliver objective results, guiding your next steps with advice to improve your detection capabilities. This valuable information empowers data-driven decisions and improve your security posture.



Gain analysis and insights from our experts. Our team of skilled cyber security professionals will analyse the MITRE ATT&CK-aligned detection coverage results and provide you with actionable insights. You'll gain a deep understanding of your strengths, weaknesses, and areas for improvement.



Quickly (re)evaluate against previous cyber-attack and defence exercises and see if the new systems you've put into place are giving you the protections you expected.

Evaluate and elevate your security defences today.



The What

Informed by our 20+ years of cyber security experience, Detection Coverage Assessments leverage our findings from our Threat Intelligence, Incident Response, and Forensic Investigation practices.

This provides organisations with a scalable, cost-effective, and measurable way to test the effectiveness of how they manage threats. Detection Coverage Assessments offer a safe and consistent method to assess your defence and intrusion detection and response technologies, along with the people and processes involved.

Whether your security operations are in-house or outsourced to a third party, our cyber defence assessments highlight if, and where, attackers could slip under the radar.



The How

NCC Group's Detection Coverage Assessment utilises proprietary technology, supplemented with well-known offensive security tools to provide a tool-agnostic approach to suit our clients needs.

During a Detection Coverage Assessment, our experts use an isolated test case approach to emulate accurate malware behaviour and attacker techniques. This approach allows NCC Group to give you a true view of your ability to detect individual techniques.



The Results

Results are delivered through a comprehensive report. The report allows you to understand gaps or inefficiencies in detection capabilities, along with providing Indicators of Compromise (IoC) and a log of events generated during the simulation.

This information can then be used to enable future improvements to your security monitoring and maximise your security spend.



Maximise your security spend with Cyber Defence Improvement.

NCC Group's MITRE ATT&CK-aligned Detection Coverage Assessments enable you to have confidence that you're protected. Security validation of detection maturity and coverage safeguards your reputation, instils trust, and keeps you ahead of the competition.





**For more information from NCC
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