

# Web Application Penetration Testing (WAPT)



Helping you validate the configuration and deployment of your code

## EXPERT CONSULTATIVE PENETRATION TESTING OF YOUR APPLICATIONS

Web applications and services comprise the primary external and internal attack surface of modern organizations and are thus one of the top sources of risk in most environments. Performing security testing of all relevant web applications, services, and APIs is critical to mitigate this risk

### NCC Group's Consultant Led Web Application Penetration Testing

NCC Group's Web Application Pen Test (WAPT) services include expert-executed manual and automated technical assessment of web-based applications to identify security vulnerabilities and recommend fixes.



#### Reconnaissance and analysis

- we will map the application's content and functionality, analyse its behaviour, identify possible entry points for user input, and develop a clear understanding of the attack surface exposed by the application.



#### Assessment of access handling

- we will test the application's core security mechanisms, including authentication, session management, and access control, to identify any defects that may enable an attacker to gain unauthorised access to functionality and data.



#### Assessment of input handling

- we will test the application's resilience to numerous kinds of unexpected input throughout its functionality, looking for code injection and other vulnerabilities..



#### Assessment of application logic

- we will probe for defects within the application's logic, including inappropriate reliance on client-side controls and logic flaws within server-side functionality.

For organizations willing to provide access to source code, we integrate source code review into the dynamic testing, this greatly enhances the efficiency of issue identification and the precision of remediation guidance to developers.

"We have found the technical analysis performed by NCC Group during reviews to be of excellent quality, and the reports produced well-structured with clear actionable content. We have absolutely no hesitation in recommending NCC Group to any organisation looking for secure code review services that are a cut above the rest"

Tim Hudson, CTO, Cryptsoft

## About NCC Group

NCC Group is a global expert in cyber security and risk mitigation, working with businesses to protect their brand, value and reputation against the ever-evolving threat landscape.

With our knowledge, experience and global footprint, we are best placed to help businesses identify, assess, mitigate & respond to the risks they face.

We are passionate about making the Internet safer and revolutionising the way in which organisations think about cyber security.

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