

Assumed Breach Testing

Assess your organisation's defensive capabilities beyond the scope of a traditional penetration test by understanding the potential consequences of an attacker bypassing your external perimeter. This assessment evaluates the potential impact of a compromised, low level user account in your organisation and how you can better protect against this scenario.

Common Challenges



Limited Insight Into Vulnerabilities Within Mature Environments

Organisations with established vulnerability management and network security practices may lack insight into how an attacker could utilise compromised accounts.



Lack of Clarity on How to Improve Defensive Capabilities

Without completing a penetration test, organisations will not be able to effectively implement improvements to their defensive capabilities.



Difficulty Recreating Post-compromise Scenarios

Mature organisations may only be familiar with attacks outside their external perimeter, limiting their ability to recreate an assumed breach scenario.



Difficulty Quantifying the Risk of Threats Inside the Perimeter

This testing can help to highlight wins and losses in your defensive posture that could be exposed in a real breach scenario.

How Bridewell Can Help



Customised Engagements Based on Leading Threats

Bridewell tailored each engagement to reflect your current cyber maturity and utilise specific attack methods relevant to your business, such as email attacks, drive by attacks and credential compromises.



An End-to-End Assessment

Bridewell's assumed breach scenarios are comprehensive, objective driven engagements that go beyond normal penetration tests.



Identify Gaps in Your Defensive Capabilities

Identify gaps in your current defense implementations and use these to gain unauthorised access to other systems, users or data in the same way a real attacker would.



Live Reporting and Actionable Guidance

Throughout the engagement, Bridewell will report key findings that culminate in an extensive report which supports and develops your defensive capabilities.



Enhanced Detection and Response Capabilities

Our penetration testing team will provide detailed recommendations on threat hunting rules and methods to improve remediation and detection capabilities.

Schedule a Consultation With Our Team

See how Bridewell can support your organisation through a customised red team engagement by speaking with one of our team.



Assumed Breach Testing – Process

Scoping & Quotation

Bridewell will work with your organisation to understand your individual business objectives, identify the range of potential threats and security risks, and determine the objectives of the engagement. Using these, Bridewell will work with your organisation to identify the scope of the engagement and provide a quotation.

Phase 1 – Testing

Once the scope of the assessment has been agreed, Bridewell will begin the assessment. Expert penetration testers will carry out the assessment over a defined period of time, in line with the agreed rules of engagement.

Live Reporting

Throughout the assessment, Bridewell's penetration testers will report key updates and findings in real time to ensure vulnerabilities can be remediated as fast as possible.

Debrief & Analysis

Once the assessment has been completed, Bridewell will share a report with key stakeholders to provide detailed analysis covering all aspects of the test in detail. Bridewell also provides an optional live debrief where penetration testers who performed the assessment can present and discuss these findings.

About Bridewell

Bridewell is the trusted cyber security partner for organisations operating within Critical National Infrastructure (CNI), as well as companies who want the highest standard of cyber security. Our team are highly accredited by major industry bodies and have extensive experience of delivering cyber consulting and managed security services across highly regulated sectors. As a long-standing Microsoft partner, our team are experts in maximising the effectiveness of Microsoft Security technology to deliver robust and effective solutions.

We have a deep understanding of the challenges faced by CNI organisations and how to resolve them. We work in continuous partnership with our clients to implement the right security solutions to defend and protect them against threats and attacks, allowing them to continue operating safely and securely.

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