



Securing the Cloud – Solution Brief

Penetration Testing & Infrastructure Validation

Regular changes to critical IT infrastructure and the increase in cyber threat sophistication drives the need for frequent, automated testing. We improve the way organisations validate their cyber-security posture by delivering the most sophisticated & cost-effective penetration testing platform.

Key Features

Agentless

Zero agent installations or network configurations. Penetration testing starts with physical LAN access without any credentials. Just like a hacker would.

Attack Visibility

Every step in the attack vector is presented and reported in detail to document and explain the attack "kill chain" and select the minimal amount of vulnerabilities to stop the attack.

Harmless Exploits

Like a hacker, we perform real exploits without disruption of service; reconnaissance, lateral movement, remote execution, credential reply, password cracking, ethical malware injection and privilege escalation.

Consistent Validation

It is critical to consistently check your security controls and defences across your organisational networks. Test your entire infrastructure with a wide array of hacking techniques ensuring that you remain resilient regardless of how the hacker is trying to break in.

As hackers become more and more capable, corporate security officers and compliance regulators are becoming more aware of the need to integrate the hackers perspective into their ongoing cyber defence strategy. Traditionally, penetration testing has been completed by expensive external consultancies who uncover hidden vulnerabilities and produce lengthy reports with little transparency. This type of professional services penetration testing is time consuming, costly and inefficient, ultimately producing a point in time snapshot of infrastructure security which becomes obsolete as soon as the next configuration change is made or update applied.

Because most cyber-attacks circumvent traditional perimeter security, our focus should now be firmly on the weaknesses that are present inside the firewall. The Automated Pen Test solution mimics the hacker's approach and attack method but at machine speed, rapidly automating the discovery of hidden infrastructure vulnerabilities and using the latest hacking techniques to perform ethical exploits based on the weaknesses uncovered.

Each completed test produces a clear packaged summary of the critical remediation steps to perform based on threat-facing priorities that are specific to your organisational network, critical infrastructure, and data assets. Detailed reports to suit technical staff, managers and stakeholders can be produced together with proposed remediations to help your organisation to stay one step ahead of tomorrow's malicious hacker.

As your company's attack surface continues to grow, you must focus remediation efforts on the vulnerabilities that matter most - the vulnerabilities that would be exploited by hackers in an attack.

Contact

t: +44 (0)330 2233915
e: webenq@ng-it.co.uk
w: www.ng-it.co.uk

Registered Office

4 Oxford Court
Manchester
United Kingdom
M2 3WQ

About NG-IT

NG-IT Limited is a privately held IT Solutions partner providing next generation cloud infrastructure and cloud security. Our aim is to provide peace of mind for our customers so they remain focussed on managing and growing their business.

