



AA-Consulting

WHITE PAPER

CYBER ATTACK SIMULATION



Is your organization/establishment involved in complex business-critical operations? Do you use software that handles sensitive data such as financial assets, transaction data, and customer information? If your business is highly regulated, and your answer to the few questions outlined above is a “Yes”, then you require to factor in strong security measures and penetration testing is a practice you should consider a necessity for your business.

Penetration testing is the process of using tools, solutions, or services to simulate cyber-attacks and data breaches. This is usually done to find security vulnerabilities that real attackers can exploit. Penetration testing can simulate an external attacker with no knowledge of the internal network and it can be run for computer systems, networks, or even web applications.

**PUTTING YOURSELF IN
A HACKERS POSITION
CAN HELP IDENTIFY
YOUR VULNERABILITIES!**



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Some steps are involved in carrying out penetration testing. First, information is gathered about the target, and possible entry points are identified. This identification is carried out by scanning these possible points of entry like ports, gateways, IP addresses, etc. An attempt is then made to inject an attack into the target via the identified open entry points. Finally, a detailed outline of vulnerabilities found and the suggestions for improving the security of the target are made.

The process of carrying out a penetration testing campaign on a target can be performed manually by a team of white hat hackers, or automatically by a software solution. Of course, the manual process is usually exhaustive, expensive, and time-consuming; with quite a level of inefficiency. Automated penetration testing on the contrary is effective, with a higher level of efficiency.

To continuously know, control and optimize the Cybersecurity posture of your business, then Cymulate, an automated penetration testing solution that evaluates and remediates your organization's security gap is highly recommended.



**IT IS A SECURITY BEST
PRACTICE TO KNOW,
CONTROL AND OPTIMIZE
YOUR CYBERSECURITY
POSTURE AT ALL THE
TIMES!**

There is no better time to give the security status of your establishment an upward review than now. Remember, as technology evolves, threat actors also advance in their malicious approach aimed at infiltrating your Cyber-assets. To see a real-life demo or have a Proof of Concept of the Cymulate solution, we at AA-Consulting are committed to pushing for one as we are a top partner of this security solution that has proven to be efficient over the years.

**MONITOR AND
OPTIMIZE YOUR
SECURITY POSTURE
CONTINUOUSLY!**

ABOUT AA-CONSULTING

Headquartered in Israel, AA-Consulting established its regional offices in Lagos, Nigeria in 2001. The company specializes in IT services to local organizations and companies. This includes local technical staff of experienced engineers and high-level customer service and support.

Our solutions are based on advanced technologies, backed by a team of skilled and experienced customer support engineers. The company had excelled in local representation for over a decade, providing fast response time, problem solving and readily available products.



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