

CYBER ALERT

CyberSecurity - no longer a buzzword



Cyber-attacks have been on the rise and increasingly reported on. In the year of 2015 alone, Symantec discovered over 430 million distinct malwares. Truth to be told, these are only the ones that managed to be identified and there are many more malicious software that are hiding in plain sight without being noticed by anyone. Types of cyber security threats are typically phishing, botnets, ransomware, Distributed Denial of Service (DDoS) and many others.

The ransomware “Wannacry” was reported on May 2017 and has spread to over 150 countries causing mayhem to businesses and enterprises; this was followed by a second strain that goes by the name “Petya” which was far more destructive and rampant compared to its predecessor. Such attacks will not stop anytime soon.

Before you seek out expensive protection software and/or application solutions to prevent these cyber-attacks, you need to quickly understand the extent of the vulnerabilities in your environment. In BDO we used the analogy; to firstly ‘raise your ‘gaze’ and establish better sight of your environment and then to ‘raise your game’ in achieving a higher state of readiness and effective defence systems. A Vulnerability Assessment (Scan) is typically the first stage of the exercise in giving you that insight of where your vulnerabilities are.

Our team is certified with the following:

- ▶ Certified ISO 27001 Lead Auditor (PECB)
- ▶ COBIT 5 Certified Practitioner in IT Governance
- ▶ Certified in ISDN & SS7 Signal Protocols
- ▶ Certified Penetration Test Engineer (CPE)
- ▶ Certified Ethical Hacker (CEH)
- ▶ Microsoft Certified Solutions Associate Windows Server 2012 (MCSA)

VULNERABILITY ASSESSMENT

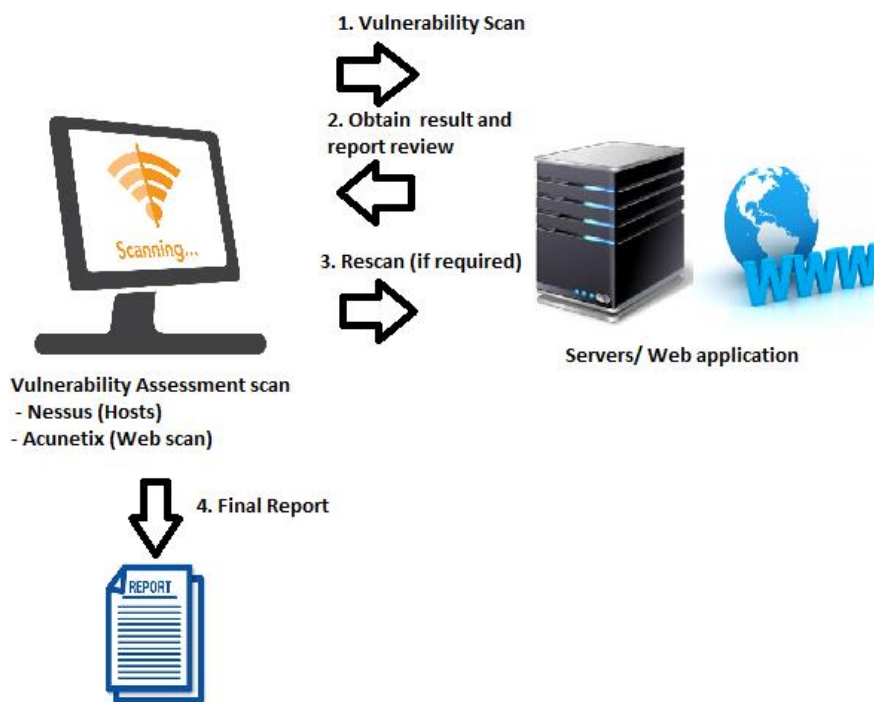
Vulnerability Assessment is a first line of defence in your IT environment and an essential stage of any Information Security strategy. You need to first have a clear understanding of where and extent of your risks first before embarking on other activities such as antivirus procurement and patching of the operating system. However, most organisations tend to jump in and acquire the most up to date antivirus and start upgrading their systems to the next version without understanding the root-causes; others on the other hand will only react when it happen.

Objective of having a vulnerability assessment

- To quickly and effectively identify vulnerabilities in your IT environment in the wake of the current cyber security threats e.g. malware (ransomware), phishing threats, etc. for business dependent host servers and web applications.
- To immediately report on vulnerabilities identified and required remediation to resolve or mitigate critical cyber security threats and risks.

Our Approach

- Our assessment is based on industry and best practice guidelines.
- 2 weeks completion timeframe with reporting for end-to-end engagement consisting of 2 to 4 host or web applications.
- Immediate notification of critical vulnerabilities on completion of scans. If necessary a post remediation scan for exceptions will be performed.



HOW CAN BDO HELP?

BDO's Cyber Security Risk Assessment Programme (CSRaP) considers pre-eminent threats and advises your organisation accordingly, giving you the strength to not only counter current threats but enabling you to stay in front of new ones as well.

If you have any queries about the Cyber Security Risk Assessment Programme (CSRaP), please contact:

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