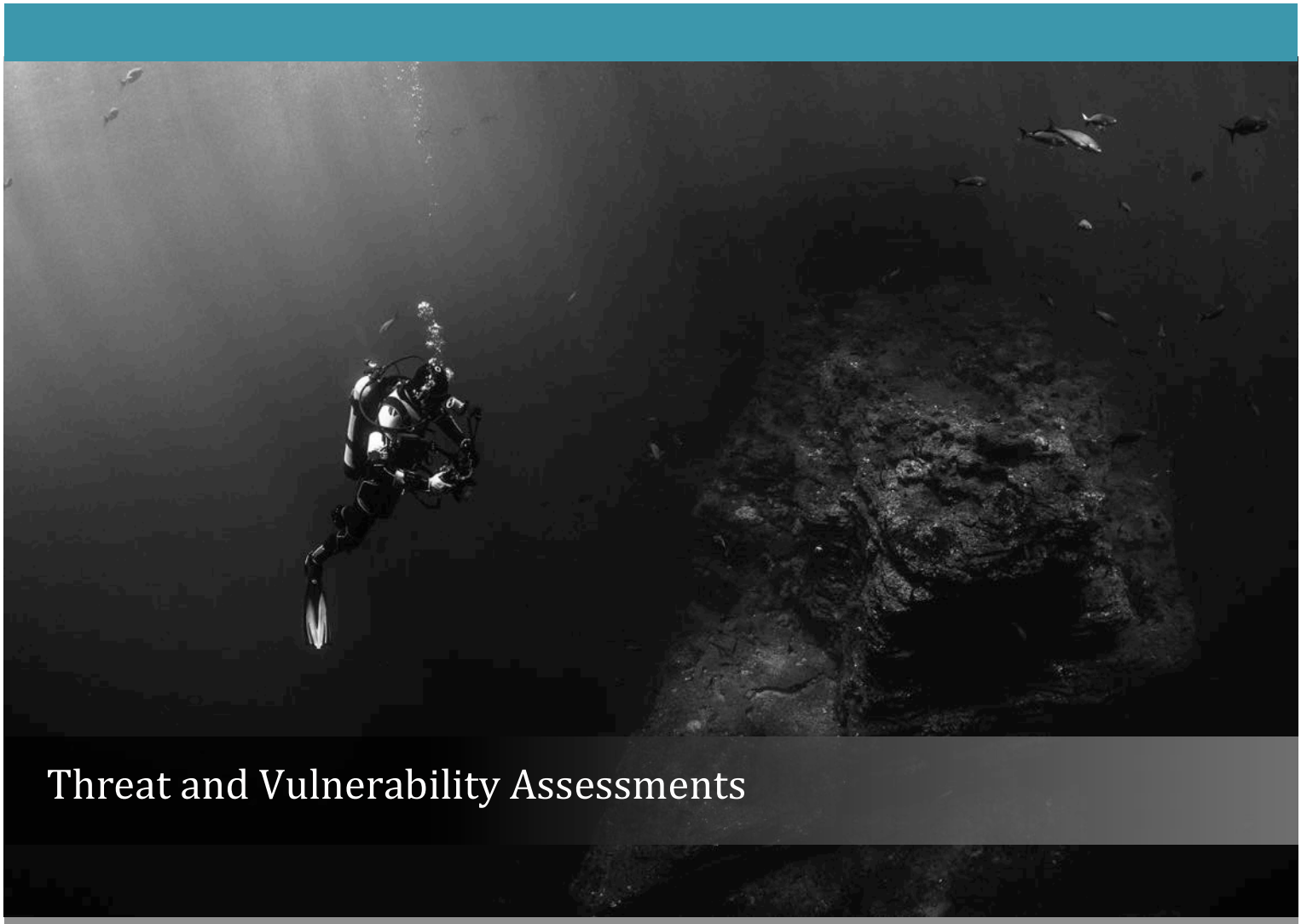

Threat and Vulnerability Assessments

Cybersecurity Defense Solutions

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Synopsis

Identifying and understanding what threats you are vulnerable to and what may already be on your network is the first step to protecting your data.

It's no surprise that the number and intensity of data breaches has been on the rise. Seems every week we hear about another large incident involving personal and financial data. Along with the negative publicity around these breaches, the financial toll is also on the rise.

Our Threat and Vulnerability Assessments are just that, true assessments. Not just automated scanner results put into a nice report (our reports are nice, but…). We think like attackers. We look at your systems like an attacker would look at them, and give honest true assessments to the risk you could face from real life attacks that happen on a daily basis.

In addition, we utilize up to the minute threat intelligence to aid in the discovery of vulnerabilities and threats that may already be in place and running on your networks and systems.

Understanding TVAP™

The CDS TVAP™ (Threat and Vulnerability Assessment Platform) is a very small form factor device (shown below) that allows us to perform all internal and external threat and vulnerability assessments. This device sits on your network segment to allow us to assess the vulnerabilities of the systems on that segment and also plugs into a SPAN port on your edge switching equipment to monitor all traffic going to and from your firewall to look for threats and other potentially malicious traffic.

TVAP

Connection by the TVAP is securely made back to CDS utilizing 4096 Bit keys and AES-256 Bit encrypted communications.

Our analysts utilize our in-house TVAP to assess your networks from the outside, while also running assessments using the TVAP install on premise.

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The Process

Once the TVAP is in place and the agreed upon assessment start date is reached, our analysts begin the assessment.

Only authorized CDS personally assigned to your project can start and view the vulnerability and threat assessment data on your CDS-TVAP according to your rules of engagement.

Once all data is collected, processed, verified and reviewed by our analysts, reports are prepared showing all data collected, vulnerabilities found, assessment of collected data, summary data and recommendations.

These reports are then delivered and discussed for possible remediation tactics and risk mitigation. If any evidence of existing compromise is found during the data-gathering phase of the assessment, these are reported immediately to the client via phone.

If the length and reporting frequency of the engagement is extended and multiple, the CDS- TVAP system can transmit all assessment data to CDS via the secure connection for analysis and report generation at multiple points throughout the engagement.

When the engagement has ended, we utilize our Data Destruction Services to eradicate the data on the CDS-TVAP, and send you a certificate of destruction if you so wish.

The Report

Once the data is collected and analyzed, we generate our report. The report consists of the following sections:

- Executive Summary – High level overview of what was done and when
- Summary of Results – Summation of items of interest that were found along with a risk rating for each item, broken down by:
    - External Vulnerability Assessment
    - Internal Vulnerability Assessment
    - Threat Assessment
- Conclusions and Recommendations
- APPENDIX – Assessment Detailed Reports and Data

We provide a condensed printed report that does not include the APPENDIX, as it contains all the detailed reports and data and is typically several hundred pages long. We do provide the entire report in and encrypted electronic format.

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Why you should do a Threat and Vulnerability Assessment

Every business has some element of risk when it comes to their data and electronic systems. Data breaches are now commonplace and business owners, C-level Executive and Boards of Directors are now in the spotlight on what proactive steps they are taking to secure their computer systems.

The practice of performing regular Threat and Vulnerability assessments has proven to be an effective beneficial addition to an organization security posture, no matter the size of the organization.

By performing a Threat and Vulnerability Assessment with a company that thinks like attackers, organizations routinely discover exposures and risks before potential attackers do, or discover assets currently under attack that they were unaware of.

By completing continual assessments it is easy to identify possible security concerns that may be present on the network, both from an internal and an external perspective. Early detection introduces the opportunity to address the issues before the attackers can exploit the weakness, which may cause serious damage to the companies assets and possibly their reputation. No one wants to hear about their security deficiencies on the evening news or worse, from their customers.

Summary

If you have questions or need assistance on implementing anything in this overview, need a Vulnerability Assessment, Penetration Test, Phishing Assessment, Cybersecurity Awareness Training or anything else related to your organizations cyber and information security, please give us a call, or interact with us online. You can email us at info@cybersecdefense.com, visit our website at https://www.cybersecdefense.com, follow us on Twitter @cybersecdefense, like is on Facebook at https://www.facebook.com/cybersecdefense or connect with me personally on Linkedin at https://www.linkedin.com/in/cybersecdefense. We are happy to help!

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About Cybersecurity Defense Solutions:

Cybersecurity Defense Solutions was founded by a group of IT professionals with long-term Data and Network Security, Software Development, IT Management and Business Management backgrounds. Our founders have leveraged solutions to assist private and public sector companies in both network and data security for over 20 years. Drawing on their combined expertise in Data Security, Data Eradication, Network Security, Ethical Hacking, Data Forensics, Data Recovery and Best Security Practices, CDS was born to assist companies with their Cybersecurity defenses, bringing together best-of -breed solutions with education and awareness and a proven methodology to assure that companies are doing everything within their power to defend from cyber attacks.

Our methodologies follow industry standard best practice including, but not limited to the NIST Cybersecurity Framework and DHS C-Cubed Framework to assure that companies can prove both reasonable and reliable efforts to Identify, Protect, Detect, Respond and Recover from a Cybersecurity Incident.

We pride ourselves in our detailed, hands-on approach, customer service and quick reaction capabilities. We are dedicated to our mission, vision and values:

CDS Mission:
To enhance the security, resiliency, and reliability of our client's Cybersecurity defenses. We accomplish this by delivering high-quality, innovative cyber and data security services and solutions.

CDS Vision:
To be a recognized, world class leader in providing industry changing Cybersecurity solutions to protect the assets of our clients, and to contribute our knowledge to betterment of the Cybersecurity community at large.

Our Core Values:

Integrity - Unified approach to how we do business
Honesty - Doing the right thing, every time
Respect - Valuing the opinions and perspectives of others
Dedication - Commitment to our word
Diligence - Working hard to provide the right solutions and solve complex problems

Feel free to interact with us online:
Web – https://www.cybersecdefense.com
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Linkedin – https://www.linkedin.com/in/cybersecdefense

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