HTC
global services

Reimagine technology to accelerate your business

Vulnerability Assessment and Penetration Testing

Stay ahead in cyber security and reduce risk

Cyberattacks

Cyberattacks are the biggest threat to all organizations. 2021 is likely to experience a tremendous increase in cyberattacks compared to the previous years. The transformation of remote work culture due to the COVID-19 pandemic will contribute to this greatly. Overcoming cyberattacks require continuous evolution of cybersecurity measures. This will safeguard your IT assets and enable it to support business operations.

At a Glance
Cyberattacks in 2021 – Facts, Statistics, and Research Estimates

- The first few months of the lockdown witnessed about 5000 malicious COVID-related sites popping up in the internet

- Research estimates indicate the occurrence of a cyberattack incident almost every 10 seconds. This is close to double the rate of 2019 (every 19 seconds), and four times of what it was in 2016 (every 40 seconds)

- Cybercrime is expected to cost the global economy about $7 trillion annually. Cybercrime will emerge as the world's third-largest economy after the United States and China

- The number of vulnerabilities in the operating systems and applications are extremely high. Unattended vulnerabilities will expose the organization to data leakage / theft and can result in costly down time due to malicious attacks

- Ransomware damages will cost the world about $30 billion. This will make ransomware the most rapidly growing form of cybercrime

- More than 90% of cyberattacks are launched through spear-phishing emails. This will infect organizations with ransomware

HTC's Cybersecurity Practice

- HTC's cybersecurity practice provides comprehensive and resilient cybersecurity services and solutions customized to meet your requirements across your entire value chain.

- HTC's cybersecurity services include - risk advisory, risk remediation, identity and access management, and managed security operations.

- HTC will enable you to meet cybersecurity requirements and move ahead in the digital age by keeping pace with new attacks, advances in security technologies, and compliance.

HTC's Vulnerability Assessments and Penetration Testing Services

Vulnerability Assessment and Penetration Testing (VAPT) describes a broad range of security testing services designed to identify and help address cyber security exposures. Vulnerability scans identify known vulnerabilities in your systems and report potential exposures. Penetration tests are designed to exploit weaknesses in the architecture of your IT network and determine the degree to which a malicious attacker can gain unauthorized access to your assets. VAPT approach gives the organization a more detailed view of the threats facing its systems and applications, enables the organization to protect its systems and data from malicious attacks.

HTC's VAPT services safeguard your IT assets from cyberattacks by using a combination of state-of-art tools, techniques, and experienced ethical hackers to conduct intelligent Vulnerability Assessments and Penetration Tests. This will help us to detect security flaws, identify software vulnerabilities and system vulnerabilities, and categorize the nature of all possible attacks based on the identified issues.

VAPT is increasingly important for organizations wanting to achieve compliance with ISO 27001, PCI DSS and other standards. VAPT services are capped under black box, grey box, and white box. Our VAPT services include:

- Vulnerability scanning and Device fingerprinting
- Network scanning and Service identification
- Identification of vulnerabilities based on the planned tool runs
- Application assessment with automated tools
- Manual reviews to unveil flaws and loopholes in critical business assets
- Validating vulnerabilities with vulnerability (CVE) database
- Comprehensive Reporting of vulnerabilities identified
- Severity risk classification
- Penetration testing with tools and techniques used by attackers
- Mitigating vulnerabilities to prevent exploitation of vulnerabilities
- Vulnerability rerun to validate vulnerability patches

HTC's cybersecurity experts will safeguard your IT assets from cyberattacks.

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