



# CYBERSECURITY TESTING



Security Testing helps to identify and uncover security weakness



it give advantage to stay ahead of cybercriminal by addressing security weakness before being exploit



help to ship product, software, solution or systems with a reduced security risk



the testing can be compliance or standard driven, or simply drive by good cyber security practice.





# TYPE OF CYBERSECURITY TESTING

#### **Web Application Security Assessment**



- Focus on testing web-based application
- cover various web technology java, .net, php and others
- helps to identify weaknesses on both front-end and back-end

#### **Mobile Application Security Assessment**



- findings security weaknesses on mobile app itself and the backend it is communicating to, if any
- covering both iOS and Android environment either native or hybdrid technology
- also covers other smart device such as television or watch based or customs device running either ios or android

#### **API Security Testing**



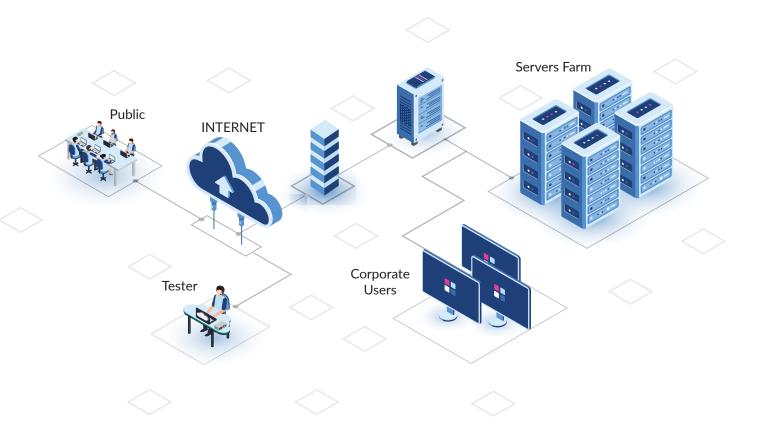
- testing API including RESTful, wsdl and etc
- only require documentation or swagger compatible file to start. The working client is optional
- helps to uncover mostly server-side weaknesses of the API



# **External Infrastructure Vulnerability Assessment**



- identify security weaknesses on the publicly exposed infrastructure
- o identify open ports, running services and vulnerability associates with it

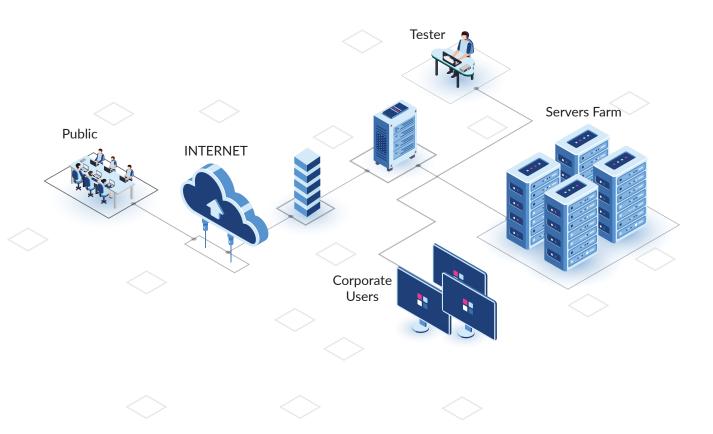




## Internal Infrastructure Vulnerability Assessment



- identify security weaknesses of the infrastructure involves within the product, solution, software or system.
- assessment performed from the perspective on internal network.





#### **Secure Code Review**



- reviewing source code of the application or software
- helps to uncover vulnerabilities that not easily identify directly from testing the application.
- combination with web or mobile testing efficient in identifying exploitable vulnerabilities which bring great value.

#### **Host Hardening Review**



- reviewing the operating system configuration against best practices
- overing various OSes such as Windows, RedHat, Centos, Solaris and others.
- helps to identify gaps between running configuration and recommended setting.



# \*\*TECHNOLOGY PARTNER & ALLIANCE





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