Attestation of executed security audit on the basis of OWASP ASVS on:

Cypherdog Encryption

1. ATTESTATION DETAILS

TestArmy Group S.A. confirms that made security audit and retests for Cypherdog Encryption application using black-box and grey-box method following OWASP ASVS methodology.

All abovementioned applications showed the correct security on level 2 ASVS on day 20/06/2023.

ABOUT THE STANDARD ASVS AND LEVELS

The ASVS is a community-effort to establish a framework of security requirements and controls that focus on normalising the functional and non-functional security controls required when designing, developing and testing modern web applications.

The Application Security Verification Standard is a list of application security requirements or tests that can be used by architects, developers, testers, security professionals, and even consumers to define what a secure application is.

Using the Application Security Verification Standard ASVS has two main goals:

- to help organizations develop and maintain secure applications

- to allow security service, security tools vendors, and consumers to align their requirements and offerings Application Security Verification Levels

The Application Security Verification Standard defines three security verification levels, with each level increasing in depth.

- ASVS Level 1 is meant for all software.
- ASVS Level 2 is for applications that contain sensitive data, which requires protection.
- ASVS Level 3 is for the most critical applications - applications that perform high value transactions, contain sensitive medical data, or any application that requires the highest level of trust.

Each ASVS level contains a list of security requirements. Each of these requirements can also be mapped to security-specific features and capabilities that must be built into software by developers.

1.1.   Level 2: Standard

An application achieves ASVS Level 2 (or Standard) if it adequately defends against most of the risks associated with software today. Level 2 ensures that security controls are in place, effective, and used within the application. Level 2 is typically appropriate for applications that handle significant business-to-business transactions, including those that process healthcare information, implement business critical or sensitive functions, or process other sensitive assets.

Threats to Level 2 applications will typically be skilled and motivated attackers focusing on specific targets using tools and techniques that are highly practiced and effective at discovering and exploiting weaknesses within applications.

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