



DeTaSECURE

WEB 3.0 security

Every business, knowingly or without knowing has a certain amount of data exposed in public.

We fix that! and improve your data protection without any resistance to your business continuity.



WHO ARE WE?

We are accomplished cyber security experts, with industry experience in leadership roles in enterprises PwC, PayPal, Walmart, Thoughtworks and EY, taking care of cyber security practices and global delivery in sectors like web3, finance, e-commerce, healthcare, insurance and telecom domains. We help companies in discovering their exposed data over the Internet. Post analysis, we score them on the basis of their existing security frameworks and recommend ways to improve their overall security posture. We also provide a threat protection program to make companies ready for any unforeseen future attacks.

Our Clients



Certifications

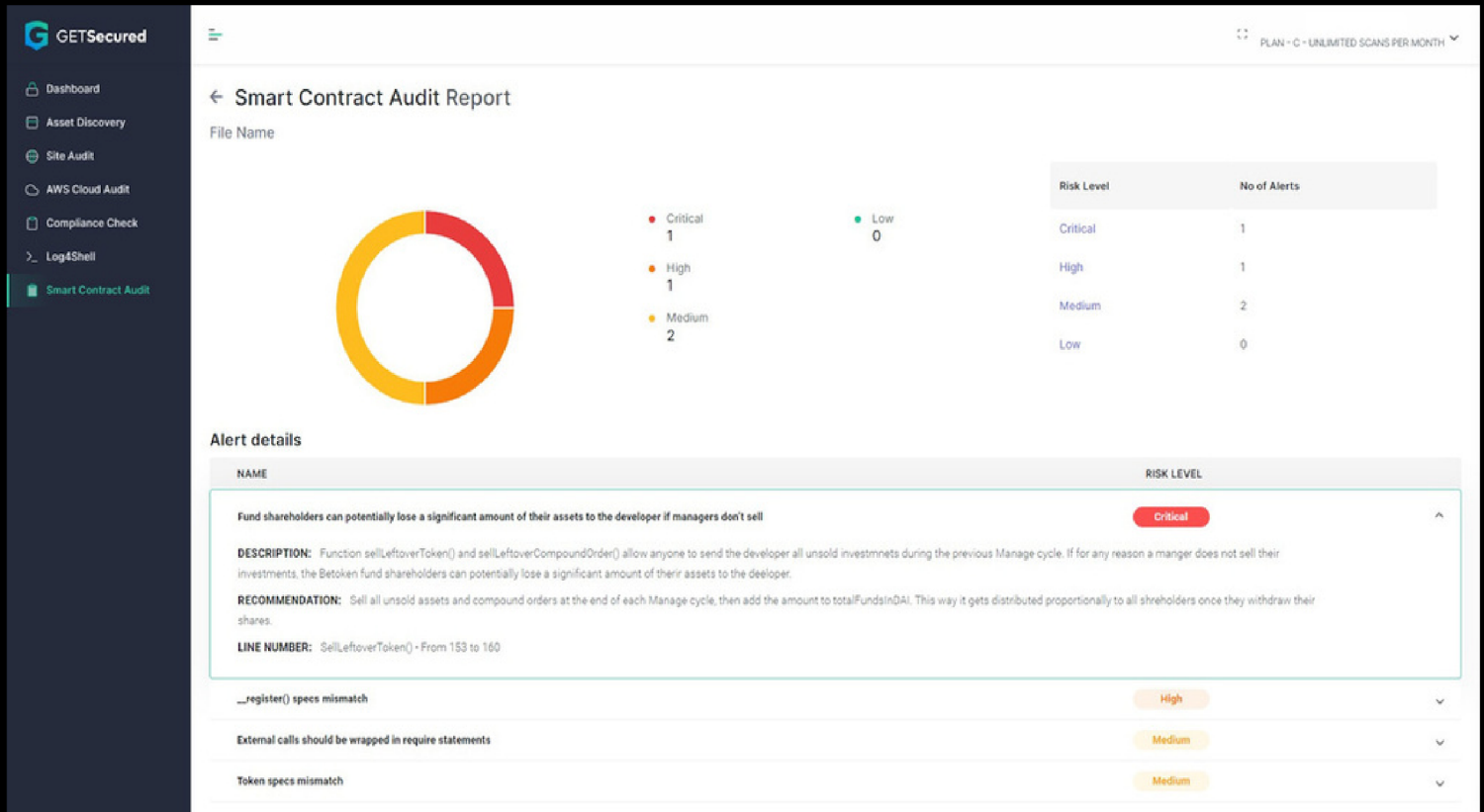


Conferences



Blockchain Security with Smart Contract Security Audits

The DeTaSECURE web 3.0 security program analyze the source code and the execution of clients' Smart Contracts on the Blockchain network to find mistakes and security vulnerabilities and then suggests fixes. Static analysis, dynamic analysis, and collaboration with other Smart Contracts are all parts of our Smart Contract Audit methodology.



The most basic definition of blockchain is a distributed ledger that tracks a digital asset's provenance and is decentralized. A blockchain is a viable disruptor for sectors including payments, cybersecurity, and healthcare because the data on it cannot be changed by default. Many well-known organizations, including British Airways, UPS, FedEx, Walmart, etc., presently construct blockchain-based applications for clients using this open-source technology. Due to the fact that smart contracts are the tool used to interact with blockchain technology and cryptocurrencies, errors in their conception and execution can result in significant financial losses and have an adverse impact on user assets. Our experts perform Ethereum Smart Contract Audits, which is a continual security solution for decentralised finance, looking for known vulnerabilities as well as logical and access control problems.



OUR PROCESS

WEB 3.0 SECURITY

Web 3.0 Audit Approach

1. Information Gathering and Threat Modeling We comprehend and evaluate the functional and business needs.

- Understanding the architecture of a blockchain
- Identifying points of entry for threats within the organization
- Collecting publicly accessible information about potential exploits
- Assessment of Smart Contract Business Logic
- Establishing goals for performing security testing
- Creating a complete test strategy
- Evaluating compliance readiness
- Establishing the test environment & generation of test results

2. Testing Using the knowledge you obtained in the first phase, you can test your organization's blockchain in practice to see how it stacks up against industry standards and best practices.

- Smart Contracts Audits
- Smart Contracts SAST Analysis
- Smart Contracts DAST Analysis
- API Security Testing
- Functional Testing
- Automatic and Manual Blockchain Security Analysis
- Blockchain Static and Dynamic Testing
- Network Vulnerability Assessment & Penetration Testing
- Application Vulnerability Assessment & Penetration Testing

3. Exploitation

- The objective of this phase is to take advantage of any security flaws or vulnerabilities identified in the previous phase. To eliminate out false positives, this is frequently done manually. The exploitation component is also utilized to maintain persistence and exfiltrate data from the target.
 - Verifying Security Vulnerabilities and Weaknesses
 - Exploiting Security Vulnerabilities and Weaknesses

4. Reporting

- Report identified vulnerabilities / security flaws / weaknesses in Web 3.0 infrastructure components along with the possible impact, root cause and remediation process. For each identified weakness, a risk rating would be assigned primarily based on the probable business impact and significance of occurrence. All the test would be done with prior approval from Organization.
 - Review and Document Discoveries
 - Prepare security report along with the recommendations



CONTACT US! GET SECURED!



DeTaSECURE



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