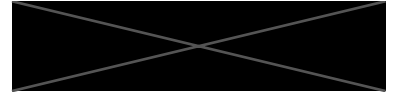


COMPREHENSIVE SECURITY TEST¹ No 1

BACKGROUND INFORMATION²:	
Related reform	3.5 Reconfiguration of basic digital services and safe transition to cloud infrastructure
Target name	58. Central security testing of public authorities' information systems
Target description	Number of comprehensive security tests carried out by the Information System Authority – the test results shall be summarised in reports.
The test was financed by the European Union from the NextGenerationEU Recovery Fund.	
PENETRATION TESTING INFORMATION:	
Date / period of testing	13.02.2024 - 28.02.2024
Objective of the Penetration Testing	Detect vulnerabilities in existing web application using OWASP framework.
Approach, Scope and Caveats	Approach: White box testing using existing non-privileged user account and access to source code. Scope: OWASP ASVS 4.0.3 level 2
Penetration Testing Team	[REDACTED]
Organisation	[REDACTED]
Penetration Testing Tools Used	[REDACTED]
Summary of the penetration test performed	Authentication flaws with low, medium and high impact. Session management flaws low, medium and high impact. Input validation flaw with high impact. Cryptography flaw with high impact. Configuration flaws with low, medium and high impact.
Summary of Penetration Testing Findings according to CVSS 3.1	3 findings with critical impact 5 findings with high impact 7 findings with medium impact
Prioritized Vulnerabilities Findings	Please see annex 1
Risk and Impact Ranked Findings	Please see annex 1
Follow-up activities	Report handed over to [REDACTED] [REDACTED] Fixing activities are pending.
Annex No and name (if relevant)	Annex 1 – Findings and Impact

¹ Comprehensive security test – penetration test



Annex 1 – Findings and Impact

CWE ID	Section	Confidentiality Impact	Integrity Impact	Accessibility Impact	CVSS 3.1 Score
79	Input Validation	High	High	None	9.3 Critical Calculation
287	Authentication	High	High	None	9.6 (Critical) Calculation
304	Authentication	None	Medium	Low	5.4 (Medium) Calculation
326	Cryptography	High	High	None	9.6 (Critical) Calculation
497, 200	Configuration	Low	None	None	3.7 (Low) Calculation (Environmental variables)
522, 798	Configuration	High	Low	None	8.9 (High) Calculation (Temporal variables)
613	Session Management	High	Medium	None	8.2 (High) Calculation
613	Session Management	Low	Low	None	4.6 (Medium) Calculation
614, 1004, 16	Session Management	High	Medium	None	8.2 (High) Calculation
620	Authentication	None	High	None	7.4 (High) Calculation
620	Authentication	None	Medium	None	4.1 (Medium) Calculation
778	Session Management	High	High	None	8.1 (High) Calculation
862	Authorization	Low	Medium	None	5.4 (Medium) Calculation
1021, 116, 523	Configuration	None	Medium	None	4.5 (Medium) Calculation
1026	Configuration	None	Medium	None	6.7 (Medium) Calculation (Environmental Variables)
-	Configuration	Low	Low	Low	4.5 (Medium) Calculation (Environmental Variables)

¹ Comprehensive security test – penetration test