



COMPREHENSIVE SECURITY TEST¹ No 11

BACKGROUND INFORMATION ² :	
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	30.05.2024 – 20.06.2024
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	
Organisation	
Penetration Testing Tools Used	
Summary of the penetration test performed	Input validation flaws with medium and high impact. Configuration flaws with medium and high impact. Authentication flaw with medium impact.
Summary of Penetration Testing Findings according to CVSS 3.1	3 findings with high impact 6 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 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
95	Input Validation	High	High	High	8.5 High Calculation
502	Input Validation	High	High	High	8.5 High Calculation
79	Input Validation	Medium	Medium	Low	5.5 Medium Calculation
79	Input Validation	Medium	Medium	Low	5.5 Medium Calculation
79	Input Validation	Medium	Medium	Low	5.5 Medium Calculation
116	Input Validation	Medium	Medium	Low	5.5 Medium Calculation
200	Configuration	High	Low	None	8.5 High Calculation
1021, 116	Configuration	Medium	Medium	Low	5.4 Medium Calculation
521	Authentication	Medium	None	Low	5.9 Medium (Environmental metrics) Calculation

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