



## COMPREHENSIVE SECURITY TEST<sup>1</sup> No 12

| <b>BACKGROUND INFORMATION<sup>2</sup>:</b>   |  |
|--|--|
| 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. |  |
| <b>PENETRATION TESTING INFORMATION:</b>  |  |
| Date / period of testing   | 08.05.2024 – 12.07.2024  |
| 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. Privileged account for final testing.<br>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 flaw with medium impact.<br>Configuration flaw with medium impact.  |
| Summary of Penetration Testing Findings according to CVSS 3.1                        | 2 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]<br>[REDACTED] Fixing activities are pending.  |
| Annex No and name (if relevant)  | Annex 1 – Findings and Impact  |

<sup>1</sup> Comprehensive security test – penetration test



## Annex 1 – Findings and Impact

| CWE ID | Section        | Confidentiality Impact | Integrity Impact | Accessibility Impact | CVSS 3.1 Score   |
|--------|----------------|------------------------|------------------|----------------------|--|
| 287    | Authentication | Low                    | Low              | Low                  | 6.6 Medium (Temporal & environmental metrics)<br><a href="#">Calculation</a> |
| 420    | Configuration  | None                   | Low              | Low                  | 6.2 Medium (Temporal metrics)<br><a href="#">Calculation</a>                 |

<sup>1</sup> Comprehensive security test – penetration test