Penetration Testing Management Report

Prepared For: AZETS
Target: AZETS WEB APPLICATIONS
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Date: 13 May 2022
Version: 2.0

Report Contents

1 High Level Assessment

Azets engaged with Nettitude in April 2022 in order to retest the findings from the initial Azets web applications test conducted in November of 2021.

Based on Azets's risk profile, primary security concerns and the vulnerabilities identified at the point of the engagement, Nettitude have found the Azets Web Applications' overall security posture to **be strong.**

Nettitude were able to:

- Verify that two of the three issues identified in the initial test have been completely remediated;
- Observe that a minor session management issue is still present.

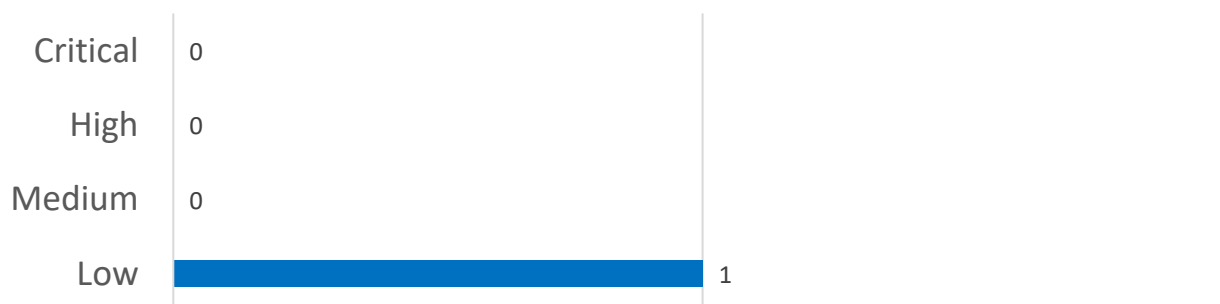| Overall Security Posture |
|---|
| STRONG |
| MODERATE |
| REQUIRES ATTENTION |
| WEAK |

Vulnerabilities by Severity

Critical	0
High	0
Medium	0
Low	1

Constraints and Limitations

No limitations were encountered during the engagement.

2 Executive Summary

Azets engaged with Nettitude in order to retest the findings that were identified during the initial web application penetration test performed in November of 2021.

Nettitude was able to verify that out of the three issues identified in the original test, two have been successfully remediated. The issues that were remediated revolve around outdated libraries used during the development of the web application, along with some issues regarding overall web application best practices.

Nettitude observed that the low severity issue relating to session management is still present. This issue poses a low risk towards the overall security posture of the web applications, due to the fact that multi-factor authentication is present, thus mitigating the effect that concurrent user sessions can have in the event of an attacker obtaining valid user credentials.

Details about the retest findings can be found in the accompanying technical report.

3 Next Steps

Nettitude recommends that Azets perform the following post engagement activities in the order of priority indicated.

	Activity	Description	Priority
1	Remediate any issues relating to session management	Formulate a plan on how user sessions will be handled in line with security best practice.	+
2	Conduct regular penetration testing	Schedule a date to perform a complete web application penetration test, to ensure that the web applications continue to remain secure and robust.	+

4 Revision History

Version	Issue Date	Issued by	Comments
0.1	23 November 2021	Sumit Siddharth	Initial Draft
0.2	30 November 2021	Pedro Oliveira	Quality Assurance
0.3	06 December 2021	Ben Keighley	Quality Assurance
1.0	07 December 2021	Sumit Siddharth	Final version
1.1	29 April 2021	Stavros Manis	Retest Initial Draft
1.2	12 May 2022	Nikhil Keshwala	Quality Assurance
1.3	12 May 2022	Ben Keighley	Quality Assurance
2.0	13 May 2022	Stavros Manis	Retest Final Version

5 Document Distribution List

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