Fortress L3 Security Assessment (Retest)

Product Security Evaluation Performed by Independent Experts

This document confirms the results of the recent security evaluation undertaken by Apricorn and performed by Praetorian. Between the dates of May 20th, 2019 and May 24th, 2019, Praetorian performed a security assessment of Apricorn's Fortress L3 to enumerate possible attack vectors, evaluate existing security controls, and provide recommends for improvement.

During the assessment, Praetorian identified 0 critical risk issues, 0 high risk issues, 0 medium risk issues, 2 low risk issues and 0 informational risk issues. After the conclusion of the original assessment, Praetorian analyzed the remediations put into place by Apricorn from October 1st, 2019 to October 2nd, 2019. During the retest, which was performed on the L3 Fortress, Praetorian determined that 0 critical risk issues, 0 high risk issues, 0 medium risk issues, 0 low risk issues and 0 informational risk issues.

As Apricorn's L3 Fortress code base continues to change, so too will its overall security posture. Such changes will affect the validity of Praetorian's findings and this letter. Therefore, any statements made by Praetorian only describe a "snapshot" in time. Praetorian would like to thank Apricorn for this opportunity to help the organization evaluate its current security posture.

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Praetorian Grading Report Card

The grade below is a representation of Apricorn's current, post-remediation security posture. Praetorian calculates grades based on the "Existing Vulnerability Measure" (EVM) formula described in the reference below[1]. EVM is used to quantify the collective risk of the findings identified during this assessment. The letter grade leverages EVM to benchmark risk posture against Praetorian's client-base.

Product	Security	Grade
Apricorn's L3 Fortress	**Excellent**	**A**

Grade	Security	Criteria Description
A	**Excellent**	The EVM of the assessed components placed within the top 5-10% of Praetorian's client-base. The overall security posture was found to be excellent with a minimal amount of low and informational risk findings identified.
B	**Good**	The EVM of the assessed components was above average when benchmarked against Praetorian's client-base. Only a handful of low/informational risk shortcomings were identified in the testing time period.
C	**Fair**	The EVM of the assessed components was aligned closely to the average EVM of Praetorian's client-base. The current solutions protect some areas of the target from security issues, but moderate changes are required to elevate the discussed areas to acceptable standards.
D	**Poor**	The EVM of the assessed components fell below the average EVM, with significant security deficiencies present. Immediate attention should be given to the discussed issues to address exposures identified.
F	**Inadequate**	Serious security deficiencies were present in the assessed components and the EVM placed within the bottom 5-10% of Praetorian's client-base. Shortcomings were identified throughout most of the security controls examined and improved security will require significant resources.

1 https://dl.acm.org/citation.cfm?id=1179505