

Purpose

This vulnerability assessment aims to analyze the current security posture of the organization's publicly accessible system.

Risk Assessment Table

Threat Source	Threat Event	Likelihood (1-3)	Impact (1-3)	Risk Level (L)
Common cybercriminal	Unauthorized data access	3	3	9
Advanced Persistent Threat (APT) group	Planting a backdoor in the system	2	3	6
Former employee	Intentional data leakage	2	4	8

Approach

The identified threats pose significant risks due to the system's public exposure. Unauthorized access could lead to data breaches and service disruption.

Mitigation Strategy

To enhance security, multi-factor authentication (MFA) should be implemented, and access should be restricted to authorized personnel only.