

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.