

Security Audit Report — NIST Cybersecurity Framework (CSF)

Organization: Small Business Scenario (Google Cybersecurity Labs)

1. IDENTIFY (ID)

Findings:

- No hardware/software inventory
- No data classification
- No risk assessment

Risk Level: High

Recommendations:

- Create asset inventory
- Classify data
- Perform quarterly risk assessments

2. PROTECT (PR)

Findings:

- Weak passwords, no MFA
- Outdated software
- No training

Risk Level: High

Recommendations:

- Enforce password policy
- Enable MFA
- Update devices
- Train employees

3. DETECT (DE)

Findings:

- No centralized logging
- No anomaly detection

Risk Level: Medium–High

Recommendations:

- Implement SIEM
- Review logs weekly
- Set alerts

4. RESPOND (RS)

Findings:

- No IR plan
- No reporting procedure

Risk Level: Medium

Recommendations:

- Create IR plan
- Train employees
- Define roles

5. RECOVER (RC)

Findings:

- No backups
- No recovery testing

Risk Level: High

Recommendations:

- Daily backups
- Quarterly recovery tests
- Create communication plan

Overall Security Posture: Needs Improvement

Addressing high-risk areas will significantly improve security.