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| **ASSET** | **THREAT** | **VULNERABILITY** | **NIST CONTROL (800-53)** | **MITIGATION STRATEGY** |
| Web server | Unauthorized Access | Weak Passwords | IA-5 (Identification and Authentication) | Enforce strong passwords & MFA |
| Workstations | Malware Infection | No Endpoint Protection | SI-3 (Malware Protection) | Install antivirus & EDR solutions |
| Network | Data Interception | No Encryption | SC-12 (Cryptographic Key Establishment) | Implement TLS encryption |
| Cloud storage | Data Breach | Lack of Access Controls | AC-2 (Account Management) | Role-based access control |