

# TECHNICAL SECURITY REPORT

## Detailed Vulnerability Analysis

Target: sbsinformatique.com | Generated: 2025-12-17T18:07:46.159Z

## VULNERABILITY DETAILS

### MEDIUM: SSL/TLS Configuration Weakness

Server supports weak cipher suites that could be exploited.

### CRITICAL: SQL Injection Vulnerability

CVE: CVE-2021-44228

The application is vulnerable to SQL injection attacks through user input fields.

### CRITICAL: Default MySQL Credentials

MySQL server is accessible with default or weak credentials.

### INFO: Information Disclosure via Server Banner

Server reveals detailed version information in response headers.

# EXPLOITATION EVIDENCE

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- ' Not Exploited: SSL/TLS Downgrade Attack
- ' **EXPLOITED: SQL Injection Payload Injection**  
Successfully extracted database schema
- ' **EXPLOITED: MySQL Credential Attack**  
Extracted sensitive data from production database
- ' Not Exploited: Generic Exploit Attempt

# REMEDIATION CODE SNIPPETS

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## SQL Injection Vulnerability

Language: text | Effort: 2-4 hours

```
Use parameterized queries or prepared statements. Implement input validation and sanitization.
```

Implementation:

## Default MySQL Credentials

Language: text | Effort: 2-4 hours

```
Change default credentials immediately. Implement strong password policy.
```

Implementation:

## SSL/TLS Configuration Weakness

Language: nginx | Effort: 1-2 hours

```
ssl_protocols TLSv1.2 TLSv1.3;
ssl_ciphers ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES128-GCM-SHA256;
ssl_prefer_server_ciphers off;
```

Implementation: Update SSL/TLS configuration to use only modern protocols and cipher suites.

## Information Disclosure via Server Banner

Language: text | Effort: 2-4 hours

```
# Remediation steps for: Information Disclosure via Server Banner
1. Review the vulnerability details
2. Apply vendor patches if available
3. Implement compensating controls
4. Verify fix through re-testing
```

Implementation: Follow vendor recommendations and security best practices for this vulnerability type.