



1 Executive Security Assessment Report

1.1 Introduction

The security assessment was conducted on the domain `unionsq-uat.streamlendvelocity.net` using a Basic scan methodology. The analysis commenced on March 19th at 06:45 and concluded in a duration of **00h:12m:52s**. The tracking ID for this assessment is 0158afae4573. The scope of the work included evaluating the web application and infrastructure for potential security vulnerabilities, focusing on high and medium-risk issues.

1.2 Summary of Key Findings

The security assessment identified a total of **18 issues**, categorized as **0 high-risk**, **2 medium-risk**, **3 low-risk**, and **13 informational**. Notably, medium-risk findings include the exposure of HTTP port **80**, which lacks encryption, potentially compromising data integrity and confidentiality. Additionally, sensitive subdomains such as development environments were detected, posing a risk of unauthorized access to critical systems. Immediate actions should focus on securing HTTP communications and reviewing access controls for sensitive subdomains to mitigate potential risks.

1.3 Issues Table

Title	Risk
Nmap Port Scan Results Analysis	Medium
Subdomain Naming Security Assessment	Medium
SSL/TLS Protocols Security Assessment	Low
SSL Certificate Expiration Analysis	Low
Login Form Detection Analysis	Low

1.4 Detailed Findings

1.4.1 Nmap Port Scan Results Analysis

Description:

The scan identified **2** open ports on the IP address `107.162.132.4`. Port **80** (HTTP) is highlighted as potentially insecure due to the lack of encryption, which could lead to data interception and compromise.

Affected Assets:

- IP: `107.162.132.4` - Ports: **80/tcp** (http), **443/tcp** (ssl/https)

Recommendations:

It is recommended to enforce HTTPS by redirecting HTTP traffic to HTTPS and enabling HTTP Strict Transport Security (HSTS) to ensure secure communication channels.

1.4.2 Subdomain Naming Security Assessment

Description:

A sensitive subdomain, `unionsq-uat.streamlendvelocity.net`, was identified as part of the development/staging environment. This poses a medium risk due to potential exposure of administrative interfaces or internal systems that may contain unpatched vulnerabilities.

Affected Assets:

- Subdomain: `unionsq-uat.streamlendvelocity.net`



Recommendations:

Access controls should be reviewed and strengthened for development and staging environments. Consider implementing IP whitelisting and authentication mechanisms to restrict unauthorized access.

1.5 General Recommendations

To enhance the overall security posture, it is advised to:

Implement encryption across all communication channels to protect data integrity and confidentiality. Regularly review and update access controls for sensitive environments. Monitor SSL certificate expiration dates to ensure timely renewals. Adopt modern security protocols such as TLS 1.3 where possible. Conduct periodic security assessments to identify and mitigate emerging threats.

By addressing these recommendations, the organization can significantly reduce its risk exposure and improve its security resilience.

PUBLIC REPORT - DEMO SCAN - NO INTRUSIVE TESTING