

# Sentinel Scan - Professional Security Assessment

Automated External Reconnaissance Report

## Executive Summary

This report details the findings of an automated, non-intrusive security scan of the domain 'www.google.com' conducted on 2025-08-22. The scan focused on public-facing network services, web application configuration, email security, and public reputation. Key findings are detailed in the sections below. It is recommended to review all findings, especially those marked as 'Critical' or 'Medium'.

## 1. DNS & Email Security

### [Critical] Missing Email Security Records (SPF/DMARC)

Details: The domain is missing critical SPF and/or DMARC DNS records. This makes the domain highly vulnerable to email spoofing, allowing attackers to send fraudulent emails that appear to come from your organization, which can lead to phishing attacks and reputation damage.

*Recommendation: Implement both SPF and DMARC records in your domain's DNS settings. This will specify which mail servers are authorized to send email on your behalf and instruct receiving mail servers on how to handle fraudulent emails.*

SPF Record: NOT FOUND - Vulnerable to email spoofing!

DMARC Record: NOT FOUND - No policy for spoofed emails!

## 2. Network Reconnaissance (Nmap)

Starting Nmap 7.97 ( <https://nmap.org> ) at 2025-08-22 16:40 +0530

Nmap scan report for www.google.com (142.251.222.132)

Host is up (0.018s latency).

Other addresses for www.google.com (not scanned): 2404:6800:4009:805::2004

rDNS record for 142.251.222.132: pnmaaa-az-in-f4.1e100.net

Not shown: 95 filtered tcp ports (no-response)

PORT	STATE	SERVICE
------	-------	---------

21/tcp	open	ftp
--------	------	-----

80/tcp	open	http
--------	------	------

443/tcp	open	https
---------	------	-------

554/tcp	open	rtsp
---------	------	------

1723/tcp	open	pptp
----------	------	------

Nmap done: 1 IP address (1 host up) scanned in 2.49 seconds

## 3. Web Application Scan (Nikto)

[!] ERROR: 'nikto' command not found. This should not happen on a standard Kali install.

## 4. Malicious Reputation (VirusTotal)

SUCCESS: Analysis from 64 security vendors.

- All vendors reported this domain as harmless.