SCAN-20260206-134816

DATE: February 06, 2026

TARGET: security-toolkit

SCOPE: Local Scan

SUBJECT: Automated Security Scan Attestation

1. **Purpose**

   This document attests that automated security scans were executed against the subject host at the specified path using the Security Verification Toolkit. The scans verify alignment with NIST SP 800-53 security controls.

2. **Scan Environment**

   - **Scan Timestamp:** 2026-02-06T13:45:39Z
   - **Toolkit Version:** v2.7.2 (df1709b)
   - **Toolkit Repository:** https://github.com/brucedombrowski/Security

3. **Host Inventory Reference**

   A host inventory snapshot was collected at scan time to establish a verifiable system thumbprint. This enables integrity verification while keeping sensitive machine data (MAC addresses, serial numbers) separate from shareable scan results.

Inventory File	`host-inventory-2026-02-06.txt`
SHA256 Checksum	`32a809a1573124b3...`
NIST Control	CM-8 (System Component Inventory)

   Note: The host inventory contains sensitive information. All scan outputs reference this checksum rather than embedding the actual data, allowing scan results to be shared without exposing machine-specific details.

4. **NIST Control Mapping**

   The following NIST SP 800-53 Rev 5 controls were verified:

Control	Family	Verification Method
CM-6	Configuration Management	Host security posture
CM-8	Configuration Management	Host inventory collection
RA-5	Risk Assessment	Vulnerability scanning (Nmap/Lynis)
SA-11	System & Services Acquisition	Secrets and credential scanning
SC-8	System & Comms Protection	MAC address detection
SI-2	System & Info Integrity	Flaw remediation assessment
SI-3	System & Info Integrity	ClamAV malware scanning
SI-4	System & Info Integrity	System monitoring (port scan)
SI-12	System & Info Integrity	PII pattern detection

5. **Scan Results**

Scan	NIST Control	Result	Findings
Host Security	CM-6	**FAIL**	All checks passed
Vulnerability Scan	RA-5	**PASS**	No critical vulnerabilities
Secrets Scan	SA-11	**PASS w/ exceptions**	16 reviewed exceptions
MAC Address Scan	SC-8	**PASS**	No MAC addresses detected
Malware Scan	SI-3	**PASS**	No malware detected
PII Scan	SI-12	**PASS w/ exceptions**	74 reviewed exceptions

Summary: 5 passed, 1 failed

Overall Result: FAIL

PASS w/ exceptions = reviewed exceptions documented in Section 6

6. **Reviewed Exceptions**

Items flagged by automated scans but reviewed and accepted as non-issues are documented in allowlist files. Each exception includes a SHA256 hash for integrity verification and reviewer justification.

6.1 PII Scan Exceptions

Allowlist File	`.allowlists/pii-allowlist`
SHA256 (first 16)	`420afc59fdf92c62`
Total Exceptions	74

#	Justification
1	Documenting localhost quick-accept feature
2	X.509 OID example, not an IP address
3	Version string example, not an IP address
4	Shell command syntax, not PII data
5	X.509 OID documentation note
6	X.509 OID for Email Protection (1.3.6.1.5.5.7.3.4)
7	X.509 OID for Document Signing (1.3.6.1.4.1.311.10.3.12)
8	Historical command log, not active PII
9	Placeholder pattern (build-time substitution)
10	LaTeX template placeholder (replaced at runtime)
11	Example/placeholder data (not real PII)
12	Example/placeholder data (not real PII)
13	Placeholder pattern (build-time substitution)
14	Localhost/loopback address (127.0.0.1)
15	Localhost/loopback address (127.0.0.1)
16	Localhost/loopback address (127.0.0.1)
17	Example/placeholder data (not real PII)
18	Placeholder pattern (build-time substitution)
19	Example/placeholder data (not real PII)
20	Placeholder pattern (build-time substitution)

6.2 Secrets Scan Exceptions

Allowlist File	.allowlists/secrets-allowlist
SHA256 (first 16)	093da78e91bea9a6
Total Exceptions	16

#	Justification
1	Internal controlled variable assignment (safe eval)
2	Internal controlled variable assignment (safe eval)
3	Internal controlled variable assignment (safe eval)
4	Test fixture or mock data
5	Test fixture or mock data
6	Test fixture or mock data
7	Test fixture or mock data
8	Test fixture or mock data
9	Test fixture or mock data
10	Test fixture or mock data
11	Test fixture or mock data
12	Test fixture or mock data
13	Test fixture or mock data
14	Test fixture or mock data
15	Test fixture or mock data
16	Test fixture or mock data

Note: Full details including file paths and SHA256 hashes are in the respective allowlist files.

7. **Scan Output Checksums**

    The following SHA256 checksums were generated for scan output files:

Scan Output File	SHA256 (first 16)
host-inventory	32a809a1573124b3...
host-security-scan	04a2854b179b6f74
mac-address-scan	0b9c69fd9306d9b9
malware-scan	e62431c141883de5
pii-scan	29b40bed2ed5512c
secrets-scan	e14f7334c8e3ed3c
vulnerability-scan	efc8530fa9bcb000
security-scan-report	85531b81a71ca48e

    checksums.md SHA256 (full):

    578d6037591598c1d65b06162e887eb3db79f57a37a9d5f1ab2a599823a102fe

    Full file names: `*-2026-02-06-T134539Z.txt`. The `checksums.md` file contains full SHA256 hashes for all scan outputs.

8. **Verification Chain**

    This document establishes a chain of trust for verifying scan integrity:

    Chain of Trust:

    1. **Digital Signature** → This PDF is digitally signed, establishing authenticity

    2. **checksums.md Hash** → This PDF includes the SHA256 hash of `checksums.md` (Section 7)

    3. **Scan File Hashes** → `checksums.md` contains full SHA256 hashes of all scan output files

    4. **File Verification** → Any scan file can be verified against `checksums.md`

    Verification Commands:

    ```
    # 1. Verify PDF signature (platform-dependent)
    # 2. Extract checksums.md hash from PDF Section 7
    # 3. Verify checksums.md integrity:
    shasum -a 256 .scans/checksums.md

    # 4. Verify all scan files against checksums.md:
    cd .scans && shasum -a 256 -c checksums.md
    ```

9. **Attestation**

This document certifies that:

(a) Automated security scans were executed against the subject host at the specified path

(b) Scan results are accurately represented in this document

(c) The Security Verification Toolkit version and commit hash are recorded for traceability

(d) Detailed scan logs are available in the `.scans/` directory

(e) The verification chain above enables independent validation of all scan outputs

Appendices

The following appendices contain detailed findings extracted from scan output files. Line numbers (L#) reference the original source files for verification.

Appendix A: Network Ports & Services

Source: `nmap-2026-02-06-T134618Z.txt`

```
L2: Nmap scan report for localhost (127.0.0.1)
L3: Host is up (0.000077s latency).
```

Appendix B: Security Configuration

Source: `host-security-scan-2026-02-06-T134539Z.txt`

```
L25: -------------------------
```

Appendix C: System Summary

Source: `host-inventory-2026-02-06-T134539Z.txt`

```
L27: -----------------------------
L38: -------------------
L55: ----------------------------
L160: ---------------
L170: ----------------------
L198: -------------------------
L213: -------------
L214:   Chrome/Chromium: Chromium 142.0.7444.175 built on Debian GNU/Linux
   forky/sid
L222: ----------------------------
L230: ------------------------------------
L241: ----------------------
L250: -----------------------------
L264: ------------
L272: -----------------
```