Acme Corp - Q1 2025 Vulnerability Assessment

12 targets scanned | 26 findings

Report generated: February 11, 2026

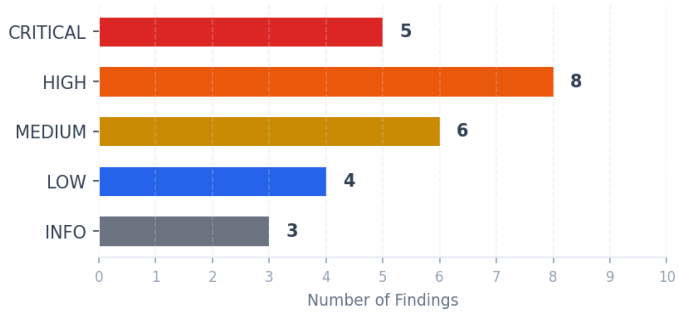
Scan period: 2025-02-10T14:32:07

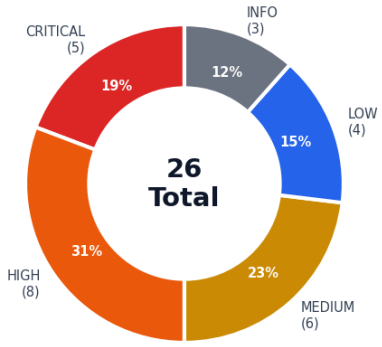
5 CRITICAL | **8** HIGH | **6** MEDIUM | **4** LOW | **3** INFO

Generated by **NucleiReport** | Nuclei Vulnerability Scanner

Executive Summary

This assessment identified **26 findings** across 12 targets. **5 critical** and **8 high** severity issues require immediate attention.





Findings by Severity

Severity	Count	Percentage
CRITICAL	5	19.2%
HIGH	8	30.8%
MEDIUM	6	23.1%
LOW	4	15.4%
INFO	3	11.5%
TOTAL	**26**	**100.0%**

Top Critical Findings

1. **[CRITICAL]** Apache Log4j RCE (Log4Shell) (CVSS 10.0) - https://acme-corp.com
2. **[CRITICAL]** Palo Alto PAN-OS Command Injection (CVSS 10.0) - https://acme-corp.com
3. **[CRITICAL]** Atlassian Confluence Broken Access Control (CVSS 9.8) - https://wiki.acme-corp.com
4. **[CRITICAL]** Fortinet FortiOS Out-of-Bound Write (CVSS 9.8) - https://vpn.acme-corp.com
5. **[CRITICAL]** HTTP/2 Rapid Reset Attack (CVSS 7.5) - https://acme-corp.com

Detailed Findings

CRITICAL - 5 findings

[CRITICAL] Apache Log4j RCE (Log4Shell) | CVE-2021-44228 | CVSS: 10.0

Template: CVE-2021-44228

Apache Log4j2 <=2.14.1 JNDI features used in configuration, log messages, and parameters do not protect against attacker-controlled LDAP and other JNDI related endpoints.

Target: https://acme-corp.com
Matched At: https://acme-corp.com/api/v2/login
IP: 203.0.113.10

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H

Remediation: Upgrade to Log4j 2.17.1 or later. Remove JndiLookup class from classpath as a temporary mitigation.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2021-44228
- https://logging.apache.org/log4j/2.x/security.html

[CRITICAL] Palo Alto PAN-OS Command Injection | CVE-2024-3400 | CVSS: 10.0

Template: CVE-2024-3400

A command injection vulnerability in the GlobalProtect feature of Palo Alto Networks PAN-OS allows an unauthenticated attacker to execute arbitrary code with root privileges on the firewall.

Target: https://acme-corp.com
Matched At: https://acme-corp.com:443/ssl-vpn/login
IP: 203.0.113.10

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H

Remediation: Apply PAN-OS hotfix. Enable Threat Prevention signatures as interim mitigation.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2024-3400
- https://security.paloaltonetworks.com/CVE-2024-3400

[CRITICAL] Atlassian Confluence Broken Access Control | CVE-2023-22515 | CVSS: 9.8

Template: CVE-2023-22515

Atlassian Confluence Data Center and Server is vulnerable to a broken access control vulnerability that allows an external attacker to create unauthorized Confluence administrator accounts and access Confluence instances.

Target: https://wiki.acme-corp.com
Matched At: https://wiki.acme-corp.com/server-info.action
IP: 203.0.113.20

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Remediation: Upgrade Confluence to patched versions 8.3.3, 8.4.3, or 8.5.2+.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2023-22515
- https://confluence.atlassian.com/security/cve-2023-22515-broken-access-control-vulnerability-in-confluence-data-center-and-server-1295682276.html

[CRITICAL] Fortinet FortiOS Out-of-Bound Write | CVE-2024-21762 | CVSS: 9.8

Template: CVE-2024-21762

A out-of-bounds write vulnerability in Fortinet FortiOS allows a remote unauthenticated attacker to execute arbitrary code or command via specially crafted HTTP requests.

Target: https://vpn.acme-corp.com
Matched At: https://vpn.acme-corp.com/remote/logincheck
IP: 203.0.113.30

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Remediation: Upgrade FortiOS to the latest patched version. Disable SSL VPN as a workaround.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2024-21762
- https://www.fortiguard.com/psirt/FG-IR-24-015

[CRITICAL] HTTP/2 Rapid Reset Attack | CVE-2023-44487 | CVSS: 7.5

Template: CVE-2023-44487

The HTTP/2 protocol allows a denial of service (server resource consumption) because request cancellation can reset many streams quickly, as exploited in the wild in August through October 2023.

Target: https://acme-corp.com
Matched At: https://acme-corp.com/
IP: 203.0.113.10

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

Remediation: Update web server and load balancer software to patched versions. Implement rate limiting on HTTP/2 stream resets.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2023-44487
- https://www.cisa.gov/news-events/alerts/2023/10/10/http2-rapid-reset-vulnerability-cve-2023-44487

Detailed Findings (continued)

HIGH - 8 findings

[HIGH] F5 BIG-IP Authentication Bypass | CVE-2023-46747 | CVSS: 9.8

Template: CVE-2023-46747

Undisclosed requests may bypass configuration utility authentication, allowing an attacker with network access to the BIG-IP system through the management port and/or self IP addresses to execute arbitrary system commands.

Target: https://lb.acme-corp.com
Matched At: https://lb.acme-corp.com/tmui/login.jsp
IP: 203.0.113.40

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Remediation: Apply the F5 hotfix or upgrade to a patched BIG-IP version.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2023-46747
- https://my.f5.com/manage/s/article/K000137353

[HIGH] MOVEit Transfer SQL Injection | CVE-2023-34362 | CVSS: 9.8

Template: CVE-2023-34362

Progress MOVEit Transfer contains a SQL injection vulnerability that could allow an unauthenticated attacker to gain access to MOVEit Transfer's database and execute arbitrary code.

Target: https://files.acme-corp.com
Matched At: https://files.acme-corp.com/moveitisapi/moveitisapi.dll
IP: 203.0.113.50

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Remediation: Apply MOVEit Transfer patch immediately. Block external HTTP/HTTPS traffic to the MOVEit Transfer environment.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2023-34362
- https://community.progress.com/s/article/MOVEit-Transfer-Critical-Vulnerability-31May2023

[HIGH] Cisco IOS XE Web UI Privilege Escalation | CVE-2023-20198 | CVSS: 9.8

Template: CVE-2023-20198

Cisco IOS XE Software Web UI contains a privilege escalation vulnerability that allows a remote unauthenticated attacker to create an account with privilege level 15 access.

Target: https://router.acme-corp.com
Matched At: https://router.acme-corp.com/webui
IP: 203.0.113.1

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Remediation: Disable the HTTP Server feature on internet-facing systems. Apply Cisco patches when available.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2023-20198
- https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-iosxe-webui-privesc-j22SaA4z

[HIGH] Spring4Shell - Spring Framework RCE | CVE-2022-22965 | CVSS: 9.8

Template: CVE-2022-22965

A Spring MVC or Spring WebFlux application running on JDK 9+ may be vulnerable to remote code execution via data binding.

Target: https://app.acme-corp.com
Matched At: https://app.acme-corp.com/spring/login
IP: 203.0.113.60

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Remediation: Upgrade Spring Framework to 5.3.18+ or 5.2.20+. Upgrade to JDK patched versions.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2022-22965
- https://spring.io/blog/2022/03/31/spring-framework-rce-early-announcement

[HIGH] Microsoft Exchange Server SSRF (ProxyLogon) | CVE-2021-26855 | CVSS: 9.8

Template: CVE-2021-26855

Microsoft Exchange Server contains a server-side request forgery vulnerability that allows an attacker to send arbitrary HTTP requests and authenticate as the Exchange server.

Target: https://mail.acme-corp.com
Matched At: https://mail.acme-corp.com/owa/auth/logon.aspx
IP: 203.0.113.70

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Remediation: Apply Microsoft Exchange cumulative updates and security patches immediately.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2021-26855
- https://msrc.microsoft.com/update-guide/vulnerability/CVE-2021-26855

[HIGH] JetBrains TeamCity Authentication Bypass | CVE-2023-42793 | CVSS: 9.8

Template: CVE-2023-42793

In JetBrains TeamCity before 2023.05.4, authentication bypass allowing to perform admin actions was possible.

Target: https://ci.acme-corp.com
Matched At: https://ci.acme-corp.com/app/rest/users/id:1/tokens/RPC2
IP: 203.0.113.80

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Remediation: Upgrade TeamCity to version 2023.05.4 or later.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2023-42793
- https://blog.jetbrains.com/teamcity/2023/09/critical-security-issue-affecting-teamcity-on-premises/

[HIGH] F5 BIG-IP iControl REST Authentication Bypass | CVE-2022-1388 | CVSS: 9.8

Template: CVE-2022-1388

F5 BIG-IP iControl REST has an authentication bypass vulnerability which may allow an unauthenticated attacker with network access to execute arbitrary system commands.

Target: https://lb.acme-corp.com
Matched At: https://lb.acme-corp.com/mgmt/tm/util/bash
IP: 203.0.113.40

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Remediation: Update BIG-IP to a patched version. Restrict access to the iControl REST API.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2022-1388
- https://support.f5.com/csp/article/K23605346

[HIGH] Microsoft SharePoint Server Privilege Escalation | CVE-2023-29357 | CVSS: 9.1

Template: CVE-2023-29357

Microsoft SharePoint Server contains a privilege escalation vulnerability that allows an attacker who has gained access to spoofed JWT authentication tokens to use them to execute a network attack which bypasses authentication.

Target: https://sharepoint.acme-corp.com
Matched At: https://sharepoint.acme-corp.com/_api/web/siteusers
IP: 203.0.113.90

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N

Remediation: Apply Microsoft SharePoint security updates.

References:
- https://nvd.nist.gov/vuln/detail/CVE-2023-29357
- https://msrc.microsoft.com/update-guide/vulnerability/CVE-2023-29357

Detailed Findings (continued)

MEDIUM - 6 findings

[MEDIUM] Microsoft Outlook Privilege Escalation | CVE-2023-23397 | CVSS: 7.5

Template: CVE-2023-23397

Microsoft Outlook contains a privilege escalation vulnerability that allows an attacker to access a user's Net-NTLMv2 hash via a crafted email.

Target: https://mail.acme-corp.com
Matched At: https://mail.acme-corp.com/owa/
IP: 203.0.113.70

CVSS Vector: CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

Remediation: Apply Microsoft security updates. Block outbound SMB traffic (TCP port 445).

References:
- https://nvd.nist.gov/vuln/detail/CVE-2023-23397
- https://msrc.microsoft.com/update-guide/vulnerability/CVE-2023-23397

[MEDIUM] Expired SSL Certificate | CVSS: 5.3

Template: ssl-expired-cert

The SSL/TLS certificate for this host has expired, which can lead to man-in-the-middle attacks and loss of user trust.

Target: https://staging.acme-corp.com
Matched At: https://staging.acme-corp.com:443
IP: 203.0.113.100

Remediation: Renew the SSL/TLS certificate and configure automatic renewal.

References:
- https://owasp.org/www-project-web-security-testing-guide/latest/4-Web_Application_Security_Testing/09-Testing_for_Weak_Cryptography/01-Testing_for_Weak_Transport_Layer_Security

[MEDIUM] CORS Misconfiguration | CVSS: 5.3

Template: cors-misconfig

Cross-Origin Resource Sharing is misconfigured, allowing any origin to access resources. This can lead to data theft via cross-site requests.

Target: https://api.acme-corp.com
Matched At: https://api.acme-corp.com/v1/users
IP: 203.0.113.11

Remediation: Configure CORS to only allow trusted origins. Avoid using wildcard (*) in Access-Control-Allow-Origin.

References:
- https://owasp.org/www-project-web-security-testing-guide/latest/4-Web_Application_Security_Testing/11-Client-side_Testing/07-Testing_Cross_Origin_Resource_Sharing

[MEDIUM] Content-Security-Policy Header Missing | CVSS: 5.0

Template: csp-header-missing

The Content-Security-Policy header is missing, which increases the risk of cross-site scripting (XSS) and data injection attacks.

Target: https://acme-corp.com
Matched At: https://acme-corp.com/
IP: 203.0.113.10

Remediation: Implement a Content-Security-Policy header with appropriate directives.

References:
- https://developer.mozilla.org/en-US/docs/Web/HTTP/CSP
- https://owasp.org/www-project-secure-headers/

[MEDIUM] Open Redirect Detected | CVSS: 4.7

Template: open-redirect

An open redirect vulnerability was detected that could be used in phishing campaigns to redirect users to malicious sites.

Target: https://acme-corp.com
Matched At: https://acme-corp.com/login?redirect=https://evil.com
IP: 203.0.113.10

Remediation: Validate and whitelist redirect URLs. Do not pass user-controlled URLs directly to redirect functions.

References:
- https://cwe.mitre.org/data/definitions/601.html
- https://owasp.org/www-project-web-security-testing-guide/latest/4-Web_Application_Security_Testing/11-Client-side_Testing/04-Testing_for_Client-side_URL_Redirect

[MEDIUM] X-Frame-Options Header Missing | CVSS: 4.3

Template: x-frame-options-missing

The X-Frame-Options HTTP header is missing, which means the site could be vulnerable to clickjacking attacks.

Target: https://acme-corp.com
Matched At: https://acme-corp.com/
IP: 203.0.113.10

Remediation: Add X-Frame-Options header with DENY or SAMEORIGIN directive.

References:
- https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/X-Frame-Options
- https://owasp.org/www-project-web-security-testing-guide/

Detailed Findings (continued)

LOW - 4 findings

[LOW] Directory Listing Enabled | CVSS: 3.7

Template: directory-listing

Directory listing is enabled on the web server, which could expose sensitive files and internal structure information to attackers.

Target: https://acme-corp.com
Matched At: https://acme-corp.com/assets/
IP: 203.0.113.10

Remediation: Disable directory listing in web server configuration. Add index files to directories.

References:
- https://owasp.org/www-project-web-security-testing-guide/latest/4-Web_Application_Security_Testing/02-Configuration_and_Deployment_Management_Testing/04-Review_Old_Backup_and_Unreferenced_Files_for_Sensitive_Information

[LOW] Strict-Transport-Security Header Missing | CVSS: 3.1

Template: missing-hsts

The HTTP Strict-Transport-Security header is not set, which means browsers will not enforce HTTPS connections, leaving users vulnerable to SSL stripping attacks.

Target: https://acme-corp.com
Matched At: https://acme-corp.com/
IP: 203.0.113.10

Remediation: Add Strict-Transport-Security header with appropriate max-age value.

References:
- https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Strict-Transport-Security
- https://owasp.org/www-project-secure-headers/

[LOW] Cookie Without HttpOnly Flag | CVSS: 3.1

Template: cookie-no-httponly

A session cookie is set without the HttpOnly flag, making it accessible to JavaScript and increasing the risk of cookie theft through XSS attacks.

Target: https://app.acme-corp.com
Matched At: https://app.acme-corp.com/login
IP: 203.0.113.60

Remediation: Set the HttpOnly flag on all sensitive cookies.

References:
- https://owasp.org/www-community/HttpOnly
- https://developer.mozilla.org/en-US/docs/Web/HTTP/Cookies

[LOW] Cookie Without Secure Flag | CVSS: 2.6

Template: cookie-no-secure

A cookie is set without the Secure flag, meaning it could be transmitted over unencrypted HTTP connections.

Target: https://app.acme-corp.com
Matched At: https://app.acme-corp.com/login
IP: 203.0.113.60

Remediation: Set the Secure flag on all cookies to ensure they are only sent over HTTPS.

References:
- https://owasp.org/www-project-web-security-testing-guide/latest/4-Web_Application_Security_Testing/06-Session_Management_Testing/02-Testing_for_Cookies_Attributes

Detailed Findings (continued)

INFO - 3 findings

[INFO] robots.txt Exposed

Template: robots-txt

The robots.txt file is publicly accessible and may reveal hidden paths or administrative endpoints.

Target: https://acme-corp.com
Matched At: https://acme-corp.com/robots.txt
IP: 203.0.113.10

Remediation: Review robots.txt for sensitive path disclosures. This is informational only.

References:
- https://developers.google.com/search/docs/crawling-indexing/robots/intro

[INFO] WAF Detected - Cloudflare

Template: waf-detect

A Web Application Firewall (Cloudflare) was detected protecting the target application.

Target: https://acme-corp.com
Matched At: https://acme-corp.com/
IP: 203.0.113.10

Remediation: Informational finding. No action required.

References:
- https://www.cloudflare.com/waf/

[INFO] Nginx Version Detected

Template: tech-detect-nginx

The target is running Nginx web server. The version was detected from server response headers.

Target: https://api.acme-corp.com
Matched At: https://api.acme-corp.com/
IP: 203.0.113.11

Remediation: Consider removing or obfuscating server version headers to reduce information leakage.

References:
- https://nginx.org/

Appendices

A. Targets Scanned

#	Host	Findings
1	https://acme-corp.com	10
2	https://wiki.acme-corp.com	1
3	https://vpn.acme-corp.com	1
4	https://lb.acme-corp.com	2
5	https://files.acme-corp.com	1
6	https://router.acme-corp.com	1
7	https://app.acme-corp.com	3
8	https://mail.acme-corp.com	2
9	https://ci.acme-corp.com	1
10	https://sharepoint.acme-corp.com	1
11	https://staging.acme-corp.com	1
12	https://api.acme-corp.com	2

B. Scan Metadata

Total Findings	26
Unique Targets	12
Report Generated	2026-02-11 23:40:33
Scan Start	2025-02-10T14:32:07
Scan End	2025-02-10T14:37:50
Critical Findings	5
High Findings	8
Medium Findings	6
Low Findings	4
Info Findings	3

C. Severity Definitions

Severity	CVSS Range	Description
CRITICAL	9.0 - 10.0	Exploitation is straightforward and usually results in system-level compromise. Immediate remediation is required.
HIGH	7.0 - 8.9	Exploitation is possible with moderate complexity. Could result in significant data loss or system impact.
MEDIUM	4.0 - 6.9	Exploitation requires specific conditions. Impact is limited but could escalate if combined with other vulnerabilities.
LOW	0.1 - 3.9	Exploitation is difficult or impact is minimal. Should be addressed as part of regular maintenance.
INFO	0.0	Informational finding with no direct security impact. Useful for understanding the target's configuration.

D. Findings Quick Reference

#	Severity	Name	Target	CVSS
1	CRIT	Apache Log4j RCE (Log4Shell)	https://acme-corp.com	10.0
2	CRIT	Palo Alto PAN-OS Command Injection	https://acme-corp.com	10.0
3	CRIT	Atlassian Confluence Broken Acce...	https://wiki.acme-corp.com	9.8
4	CRIT	Fortinet FortiOS Out-of-Bound Write	https://vpn.acme-corp.com	9.8
5	CRIT	HTTP/2 Rapid Reset Attack	https://acme-corp.com	7.5
6	HIGH	F5 BIG-IP Authentication Bypass	https://lb.acme-corp.com	9.8
7	HIGH	MOVEit Transfer SQL Injection	https://files.acme-corp.com	9.8
8	HIGH	Cisco IOS XE Web UI Privilege Es...	https://router.acme-corp.com	9.8
9	HIGH	Spring4Shell - Spring Framework RCE	https://app.acme-corp.com	9.8
10	HIGH	Microsoft Exchange Server SSRF (...	https://mail.acme-corp.com	9.8
11	HIGH	JetBrains TeamCity Authenticatio...	https://ci.acme-corp.com	9.8
12	HIGH	F5 BIG-IP iControl REST Authenti...	https://lb.acme-corp.com	9.8
13	HIGH	Microsoft SharePoint Server Priv...	https://sharepoint.acme-cor...	9.1
14	MEDI	Microsoft Outlook Privilege Esca...	https://mail.acme-corp.com	7.5
15	MEDI	Expired SSL Certificate	https://staging.acme-corp.com	5.3

#	Severity	Name	Target	CVSS
16	MEDI	CORS Misconfiguration	https://api.acme-corp.com	5.3
17	MEDI	Content-Security-Policy Header M...	https://acme-corp.com	5.0
18	MEDI	Open Redirect Detected	https://acme-corp.com	4.7
19	MEDI	X-Frame-Options Header Missing	https://acme-corp.com	4.3
20	LOW	Directory Listing Enabled	https://acme-corp.com	3.7
21	LOW	Strict-Transport-Security Header...	https://acme-corp.com	3.1
22	LOW	Cookie Without HttpOnly Flag	https://app.acme-corp.com	3.1
23	LOW	Cookie Without Secure Flag	https://app.acme-corp.com	2.6
24	INFO	robots.txt Exposed	https://acme-corp.com	-
25	INFO	WAF Detected - Cloudflare	https://acme-corp.com	-
26	INFO	Nginx Version Detected	https://api.acme-corp.com	-