Acunetix

by Invicti

Acunetix Threat Level 2

Medium

One or more medium-severity type vulnerabilities have been discovered by the scanner. You should investigate each of these vulnerabilities to ensure they will not escalate to more severe problems.

Scan Detail

Target	http://192.168.1.8:3128/
Scan Type	Critical / High / Medium Risk
Start Time	Nov 1, 2025, 6:25:18 AM GMT
Scan Duration	4 minutes
Requests	1639
Average Response Time	750ms
Maximum Response Time	34713ms
Application Build	v24.6.240626115
Authentication Profile	-

	0		0		2		0		0
	Critical		High		Medium		Low		Informational

Severity	Vulnerabilities	Instances
⚠ Critical	0	0
⌃ High	0	0
⌃ Medium	2	2
⌄ Low	0	0
ⓘ Informational	0	0
Total	2	2

Medium Severity

	Instances
■ Insecure HTTP Usage	1
■ SSL/TLS Not Implemented	1
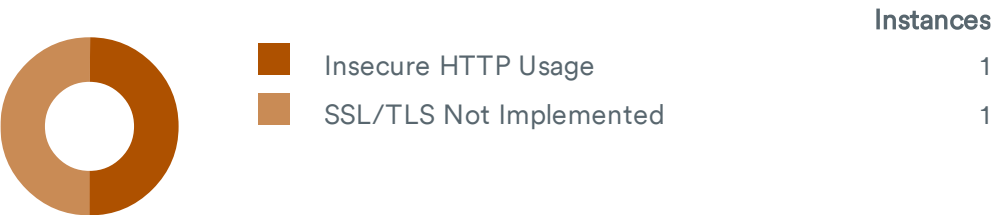
Impacts

SEVERITY	IMPACT
⌃ Medium	1 Insecure HTTP Usage
⌃ Medium	1 SSL/TLS Not Implemented

Insecure HTTP Usage

It was detected that your web application uses HTTP protocol, but doesn't automatically redirect users to HTTPS.

Impact

In some circumstances, it could be used for a man-in-the-middle (MitM) attack

http://192.168.1.8:3128/

Request

```
GET / HTTP/1.1
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Encoding: gzip,deflate,br
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/125.0.0.0 Safari/537.36
Host: 192.168.1.8:3128
Connection: Keep-alive
```

Recommendation

It's recommended to implement best practices of HTTP Redirection into your web application. Consult web references for more information

References

HTTP Redirections
https://infosec.mozilla.org/guidelines/web_security#http-redirections

SSL/TLS Not Implemented

This scan target was connected to over an unencrypted connection. A potential attacker can intercept and modify data sent and received from this site.

Impact

Possible information disclosure.

http://192.168.1.8:3128/ Verified

Request

```
GET / HTTP/1.1
Referer: http://192.168.1.8:3128/
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Encoding: gzip,deflate,br
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/125.0.0.0 Safari/537.36
Host: 192.168.1.8:3128
Connection: Keep-alive
```

Recommendation

The site should send and receive data over a secure (HTTPS) connection.

Coverage

📁 http://192.168.1.8:3128