kiwiz.co.uk

Scan time

Scan started 2018-01-04 16:12

Scan finished 2018-01-04 18:32



Finding summary

Login Cross Site Request 2 Forgery (CSRF/XSRF)

- Cross Site Request Forgery (CSRF/XSRF)
- Login over HTTP-GET2
- Name Server Unavailable
- External Links using target='_blank'
- SSL Certificate Name 1
 Mismatch
- TLS 1.0 Deprecated Protocol5
- Lacking HSTS Response Header
- Referrer-Policy Not 8 Implemented
- Content Sniffing2
- Crawled URL's
- Discovered Host(s)1
- Email Enumeration
- Fingerprinted Software 8
- HTML Comments

Scan settings

Scan subdomains Yes

Scan as device Detectify

Remote Administration Portal 2Service Providers 1

WHOIS

Login Cross Site Request Forgery (CSRF/XSRF)

What does this mean?

The web site seems to be lacking CSRF token on a login form.

our knowledge base (http://support.detectify.com/customer/portal/articles/1969819-login-csrf).

What can happen?

An attacker can force an unsuspecting user to sign in to the attacker's account. What can be done from there depends on the application. Example: An attacker can force an unsuspecting user to login to the attacker's account and when the user buys something, the credit card is added to the attacker's account.

Entry	Found at	cvss
1	https://box.kiwiz.co.uk/admin	6.2
2	https://box.kiwiz.co.uk/admin	6.2

1. Login Cross Site Request Forgery (CSRF/XSRF)

Summary

Found At

https://box.kiwiz.co.uk/admin

CVSS

6.2 of 10.0

Request Headers

GET /admin HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Response Headers

HTTP/ 1.1 200 OK

chunked Transfer-Encoding

DENY X-Frame-Options

Strict-Transport-Security max-age=31536000

Server nginx

X-Content-Type-Options nosniff

Content-Security-Policy frame-ancestors 'none';

Connection keep-alive

Content-Encoding gzip

Thu, 04 Jan 2018 16:20:43 GMT Date

Content-Type text/html; charset=utf-8

Details

Resources

REMEDIATION - Detectify Support Center - Login CSRF REMEDIATION - Detectify Support Center - CSRF STACK OVERFLOW - How to protect against login CSRF? VIDEO - What is a CSRF?

1. Login Cross Site Request Forgery (CSRF/XSRF)

Summary

Found At

https://box.kiwiz.co.uk/admin

CVSS

6.2 of 10.0

Request Headers

GET /admin HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Response Headers

HTTP/ 1.1 200 OK

chunked Transfer-Encoding

DENY X-Frame-Options

Strict-Transport-Security max-age=31536000

Server nginx

X-Content-Type-Options nosniff

Content-Security-Policy frame-ancestors 'none';

Connection keep-alive

Content-Encoding gzip

Thu, 04 Jan 2018 16:20:43 GMT Date

Content-Type text/html; charset=utf-8

Details

```
<form class="form-horizontal" role="form" onsubmit="do_login(); return false;">
  <div class="form-group">
<label for="inputEmail3" class="col-sm-3 control-label">Email</label>
   <div class="col-sm-9">
     <input name="email" type="email" class="form-control" id="loginEmail"
placeholder="Email">
   </div>
  </div>
  <div class="form-group">
   <label for="inputPassword3" class="col-sm-3 control-label">Password</label>
   <div class="col-sm-9">
     <input name="password" type="password" class="form-control" id="loginPassword"
placeholder="Password">
   </div>
  </div>
  <div class="form-group">
   <div class="col-sm-offset-3 col-sm-9">
     <div class="checkbox">
      <label>
       <input name='remember' type="checkbox" id="loginRemember"> Remember me
      </label>
     </div>
   </div>
  </div>
  <div class="form-group">
   <div class="col-sm-offset-3 col-sm-9">
    <button type="submit" class="btn btn-default">Sign in/button>
  </div>
 </form>
```

Resources

```
REMEDIATION - Detectify Support Center - Login CSRF REMEDIATION - Detectify Support Center - CSRF STACK OVERFLOW - How to protect against login CSRF? VIDEO - What is a CSRF?
```

Cross Site Request Forgery (CSRF/XSRF)

What does this mean?

The site doesn't check for tokens or make sure that the request really is from the user in any other way.

here (http://support.detectify.com/customer/portal/articles/2792245-csrf).

What can happen?

An attacker can force a victim to perform unwanted actions at the site.

Entry	Found at	cvss
1	https://box.kiwiz.co.uk/admin	5.8

1. Cross Site Request Forgery (CSRF/XSRF)

Summary

Found At

https://box.kiwiz.co.uk/admin

CVSS

5.8 of 10.0

Request Headers

GET /admin HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Response Headers

HTTP/ 1.1 200 OK

chunked Transfer-Encoding

DENY X-Frame-Options

Strict-Transport-Security max-age=31536000

Server nginx

X-Content-Type-Options nosniff

Content-Security-Policy frame-ancestors 'none';

Connection keep-alive

Content-Encoding gzip

Thu, 04 Jan 2018 16:20:43 GMT Date

Content-Type text/html; charset=utf-8

Details

```
<form class="form-horizontal" role="form" onsubmit="do_set_custom_dns(); return false;">
 <div class="form-group">
   <label for="customdnsQname" class="col-sm-1 control-label">Name</label>
   <div class="col-sm-10">
    <input type="text" class="form-control" id="customdnsQname" placeholder="subdomain">
    style="padding: 0 1em; font-weight: bold;">.
     <select id="customdnsZone" class="form-control"> </select>
    <div class="text-info" style="margin-top: .5em">Leave the left field blank to set a record on
the chosen domain name, or enter a subdomain.</div>
   </div>
 </div>
 <div class="form-group">
   <label for="customdnsType" class="col-sm-1 control-label">Type</label>
   <div class="col-sm-10">
    <select id="customdnsType" class="form-control" style="max-width: 400px"</p>
onchange="show_customdns_rtype_hint()">
      <option value="A" data-hint="Enter an IPv4 address (i.e. a dotted quad, such as</pre>
123.456.789.012).">A (IPv4 address)
<option value="AAAA" data-hint="Enter an IPv6 address.">AAAA (IPv6 address)
<option value="CAA" data-hint="Enter a CA that can issue certificates for this domain in
the form of FLAG TAG VALUE. (0 issuewild "letsencrypt.org")">CAA (Certificate
Authority Authorization)
<option value="MX" data-hint="Enter record in the form of PRIORITY DOMAIN., including
trailing period (e.g. 20 mx.example.com.).">MX (mail exchanger)
<option value="SRV" data-hint="Enter record in the form of PRIORITY WEIGHT PORT</pre>
TARGET., including trailing period (e.g. 10 10 5060 sip.example.com.).">SRV (service record) coption value="SSHFP" data-hint="Enter record in the form of ALGORITHM TYPE FINGERPRINT.">SSHFP (SSH fingerprint record)
     <option value="NS" data-hint="Enter a hostname to which this subdomain should be</pre>
delegated to">NS (DNS subdomain delegation)
    </select>
   </div>
 </div>
 <div class="form-group">
   <label for="customdnsValue" class="col-sm-1 control-label">Value</label>
   <div class="col-sm-10">
    <input type="text" class="form-control" id="customdnsValue" placeholder="">
    <div id="customdnsTypeHint" class="text-info" style="margin-top: .5em"></div>
   </div>
 </div>
 <div class="form-group">
   <div class="col-sm-offset-1 col-sm-11">
    <button type="submit" class="btn btn-primary">Set Record</button>
   </div>
 </div>
</form>
```

Resources

REMEDIATION - Detectify Support Center - CSRF DETECTIFY - CAPTCHA does not prevent CSRF VIDEO - What is a CSRF?

Login over HTTP-GET

What does this mean?

The login form is sending data using HTTP GET-request.

What can happen?

Passwords may appear visible in the URL and stored in the browser's history. It may also be cached by immediate proxies and getting stored in remote server logs.

Entry	Found at	cvss
1	https://box.kiwiz.co.uk/admin	5
2	https://box.kiwiz.co.uk/admin	5

Summary

Found At

https://box.kiwiz.co.uk/admin

CVSS

5 of 10.0

Request Headers

GET /admin HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Response Headers

HTTP/ 1.1 200 OK

chunked Transfer-Encoding

DENY X-Frame-Options

Strict-Transport-Security max-age=31536000

Server nginx

X-Content-Type-Options nosniff

Content-Security-Policy frame-ancestors 'none';

Connection keep-alive

Content-Encoding gzip

Thu, 04 Jan 2018 16:20:43 GMT Date

Content-Type text/html; charset=utf-8

Details

Resources

VIDEO - What is Missing Function Level Access Control?

Summary

Found At

https://box.kiwiz.co.uk/admin

CVSS

5 of 10.0

Request Headers

GET /admin HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Response Headers

HTTP/ 1.1 200 OK

chunked Transfer-Encoding

DENY X-Frame-Options

Strict-Transport-Security max-age=31536000

Server nginx

X-Content-Type-Options nosniff

Content-Security-Policy frame-ancestors 'none';

Connection keep-alive

Content-Encoding gzip

Thu, 04 Jan 2018 16:20:43 GMT Date

Content-Type text/html; charset=utf-8

Details

```
<form class="form-horizontal" role="form" onsubmit="do_login(); return false;">
  <div class="form-group">
<label for="inputEmail3" class="col-sm-3 control-label">Email</label>
   <div class="col-sm-9">
     <input name="email" type="email" class="form-control" id="loginEmail"
placeholder="Email">
   </div>
  </div>
  <div class="form-group">
   <label for="inputPassword3" class="col-sm-3 control-label">Password</label>
   <div class="col-sm-9">
     <input name="password" type="password" class="form-control" id="loginPassword"
placeholder="Password">
   </div>
  </div>
  <div class="form-group">
   <div class="col-sm-offset-3 col-sm-9">
  <div class="checkbox">
      <label>
       <input name='remember' type="checkbox" id="loginRemember"> Remember me
      </label>
     </div>
   </div>
  </div>
  <div class="form-group">
   <div class="col-sm-offset-3 col-sm-9">
    <button type="submit" class="btn btn-default">Sign in</button>
  </div>
 </form>
```

Resources

VIDEO - What is Missing Function Level Access Control?

Name Server Unavailable

What does this mean?

A name server is unavailable.

What can happen?

If the name server fails to respond to queries, no one will be able to access the web site.

Entry	Found at	cvss
1	188.213.174.30	5

1. Name Server Unavailable

Summary

Found At 188.213.174.30

CVSS 5 of 10.0

Details

Affecting the domains kiwiz.co.uk and www.kiwiz.co.uk.

External Links using target='_blank'

What does this mean?

Links using target='_blank' gain partial access to the linking page via the window.opener object.

here (http://support.detectify.com/customer/portal/articles/2792257-external-links-using-target-_blank-).

What can happen?

The linked page will be able to interact with the originating tab, reading the tab's current URL and redirecting the user to other domains. The linked page will have access to the tab for as long as it remains open.

Entry	Found at	CVSS
1	https://box.kiwiz.co.uk/admin	4.9

Summary

Found At

https://box.kiwiz.co.uk/admin

CVSS

4.9 of 10.0

Request Headers

GET /admin HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Response Headers

HTTP/ 1.1 200 OK

chunked Transfer-Encoding

DENY X-Frame-Options

Strict-Transport-Security max-age=31536000

Server nginx

X-Content-Type-Options nosniff

Content-Security-Policy frame-ancestors 'none';

Connection keep-alive

Content-Encoding gzip

Thu, 04 Jan 2018 16:20:43 GMT Date

Content-Type text/html; charset=utf-8

Details

Let’s Encrypt

In order to mitigate the issue, add the following attribue to your link(s): rel="noopener noreferrer"

Resources

REMEDIATION - Detectify Support Center - External Links using target='_blank' MISC - Target="_blank"?-?the most underestimated vulnerability ever HN - Hacker News Discussion GITHUB - Target Blank Vulnerability MISC - When to use target="_blank"

SSL Certificate Name Mismatch

What does this mean?

The domain name specified in the requested certificate mismatches the requested origin.

here (http://support.detectify.com/customer/portal/articles/2792277-ssl-certificate-name-mismatch).

What can happen?

The web server is likely misconfigured and uses a certificate from another domain. This will cause errors for end-users which is hard to distinguish from real man-in-the-middle (MITM) attacks.

Entry	Found at	CVSS
1	https://ns1.box.kiwiz.co.uk/	4.8

1. SSL Certificate Name Mismatch

Summary

Found At

https://ns1.box.kiwiz.co.uk/

CVSS

4.8 of 10.0

Details

We analyzed the hostname 'ns1.box.kiwiz.co.uk' against the common name (CN) 'box.kiwiz.co.uk, and against the subject alternative names (SAN) 'box.kiwiz.co.uk', 'kiwiz.co.uk', 'www.kiwiz.co.uk'.

Resources

REMEDIATION - Detectify Support Center - SSL Certificate Name Mismatch DETECTIFY - A general guide to implementing HTTPS DETECTIFY - How SSL affects SEO

What does this mean?

The server accepts TLS 1.0 as encryption protocol, which is no longer considered secure by the credit card industry (PCI DSS 3.1).

However, disabling it may cause some issues with older clients. If a lot of visitors are using web browsers that has not been updated since 2014 it might be required to still support TLS 1.0.

What can happen?

It is possible for an intercepting attacker to either force or downgrade a connection to TLS 1.0 which may be prone to the POODLE vulnerability.

Entry	Found at	cvss
1	https://188.213.174.30/	4
2	https://box.kiwiz.co.uk/	4
3	https://kiwiz.co.uk/	4
4	https://ns1.box.kiwiz.co.uk/	4
5	https://www.kiwiz.co.uk/	4

Summary

Found At

https://188.213.174.30/

CVSS

4 of 10.0

Details

Affecting the domains kiwiz.co.uk and www.kiwiz.co.uk.

Resources

Summary

Found At

https://box.kiwiz.co.uk/

CVSS

4 of 10.0

Resources

Summary

Found At https://kiwiz.co.uk/

CVSS 4 of 10.0

Resources

Summary

Found At

https://ns1.box.kiwiz.co.uk/

CVSS

4 of 10.0

Resources

Summary

Found At

https://www.kiwiz.co.uk/

CVSS

4 of 10.0

Resources

Lacking HSTS Response Header

What does this mean?

The remote HTTPS server is not enforcing HTTP Strict Transport Security (HSTS).

What can happen?

The lack of HSTS allows an attacker to perform Man-in-the-middle attacks on clients on WiFi-networks.

Entry	Found at	cvss
1	https://www.kiwiz.co.uk/	2.4

Summary

Found At

https://www.kiwiz.co.uk/

CVSS

2.4 of 10.0

Request Headers

GET / HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

User-Agent Mozilla/5.0 (compatible; Detectify)

+https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Host www.kiwiz.co.uk

Cache-Control no-store, no-cache

Pragma no-cache

Response Headers

HTTP/ 1.1 301 Moved Permanently

Connection keep-alive

Content-Length 178

Content-Type text/html

Date Thu, 04 Jan 2018 16:32:29 GMT

Location https://kiwiz.co.uk/

Server nginx

Details

The header must be tested with a low timeout before being pushed to production websites. Once you have confirmed that the header works as expected, then increase the timeout to the industry best practice of 31536000-seconds (a year). Failure to properly sanity check that the header works as expected can cause the site to be unreachable for the amount of seconds set in the header value.

Resources

OWASP - Test HTTP Strict Transport Security

OWASP - HTTP Strict Transport Security Cheat Sheet

OWASP - Transport Layer Protection Cheat Sheet

MOZILLA - Strict-Transport-Security

WIKIPEDIA - HTTP Strict Transport Security

MISC - What Is HSTS and How Do I Implement It?

MISC - HTTP Strict Transport Security for Apache, NGINX and Lighttpd

MISC - How to enable HTTP Strict Transport Security (HSTS) in IIS7+

Referrer-Policy Not Implemented

What does this mean?

No referrer policy was found in the response and browsers will therefore use their default referrer policy.

What can happen?

Browsers may send sensitive information if it is stored in the URL to external websites.

Entry	Found at	cvss
1	http://box.kiwiz.co.uk/	1.8
2	http://kiwiz.co.uk/	1.8
3	http://ns1.box.kiwiz.co.uk/	1.8
4	http://www.kiwiz.co.uk/	1.8
5	https://box.kiwiz.co.uk/	1.8
6	https://kiwiz.co.uk/	1.8
7	https://ns1.box.kiwiz.co.uk/	1.8
8	https://www.kiwiz.co.uk/	1.8

Summary

Found At

http://box.kiwiz.co.uk/

CVSS

1.8 of 10.0

Request Headers

GET / HTTP/1.1

text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8 Accept

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Host box.kiwiz.co.uk

Cache-Control no-store, no-cache

Pragma no-cache

Response Headers

HTTP/ 1.1 301 Moved Permanently

Connection keep-alive

Content-Length 178

Content-Type text/html

Date Thu, 04 Jan 2018 16:32:29 GMT

Location https://box.kiwiz.co.uk/

Server nginx

Details

No Referrer-Policy was found in the response headers. It must be implemented to prevent the application from sending CSRF tokens, PII and other sensitive information stored in URL parameters to third party websites.

Resources

MISC - A new security header: Referrer Policy
MISC - Using CORS policies to implement CSRF protection
MOZILLA - Tighter Control Over Your Referrers
MOZILLA - Referrer-Policy
OWASP - Secure Headers Project
W3C - Referrer Policy

Summary

Found At

http://kiwiz.co.uk/

CVSS

1.8 of 10.0

Request Headers

GET / HTTP/1.1

text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8 Accept

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Host kiwiz.co.uk

Cache-Control no-store, no-cache

Pragma no-cache

Response Headers

HTTP/ 1.1 301 Moved Permanently

Connection keep-alive

Content-Length 178

Content-Type text/html

Date Thu, 04 Jan 2018 16:32:29 GMT

Location https://kiwiz.co.uk/

Server nginx

Details

No Referrer-Policy was found in the response headers. It must be implemented to prevent the application from sending CSRF tokens, PII and other sensitive information stored in URL parameters to third party websites.

Resources

MISC - A new security header: Referrer Policy
MISC - Using CORS policies to implement CSRF protection
MOZILLA - Tighter Control Over Your Referrers
MOZILLA - Referrer-Policy
OWASP - Secure Headers Project

W3C - Referrer Policy

Found At

http://ns1.box.kiwiz.co.uk/

CVSS

1.8 of 10.0

Request Headers

GET / HTTP/1.1

text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8 Accept

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Host ns1.box.kiwiz.co.uk

Cache-Control no-store, no-cache

Pragma no-cache

Response Headers

HTTP/ 1.1 301 Moved Permanently

Connection keep-alive

Content-Length 178

Content-Type text/html

Date Thu, 04 Jan 2018 16:32:29 GMT

Location https://box.kiwiz.co.uk/

Server nginx

Details

No Referrer-Policy was found in the response headers. It must be implemented to prevent the application from sending CSRF tokens, PII and other sensitive information stored in URL parameters to third party websites.

Resources

MISC - A new security header: Referrer Policy
MISC - Using CORS policies to implement CSRF protection
MOZILLA - Tighter Control Over Your Referrers
MOZILLA - Referrer-Policy
OWASP - Secure Headers Project

W3C - Referrer Policy

Found At

http://www.kiwiz.co.uk/

CVSS

1.8 of 10.0

Request Headers

GET / HTTP/1.1

text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8 Accept

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Host www.kiwiz.co.uk

Cache-Control no-store, no-cache

Pragma no-cache

Response Headers

HTTP/ 1.1 301 Moved Permanently

Connection keep-alive

Content-Length 178

Content-Type text/html

Date Thu, 04 Jan 2018 16:32:29 GMT

Location https://www.kiwiz.co.uk/

Server nginx

Details

No Referrer-Policy was found in the response headers. It must be implemented to prevent the application from sending CSRF tokens, PII and other sensitive information stored in URL parameters to third party websites.

Resources

MISC - A new security header: Referrer Policy
MISC - Using CORS policies to implement CSRF protection
MOZILLA - Tighter Control Over Your Referrers
MOZILLA - Referrer-Policy
OWASP - Secure Headers Project

W3C - Referrer Policy

Found At

https://box.kiwiz.co.uk/

CVSS

1.8 of 10.0

Request Headers

GET / HTTP/1.1

text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8 Accept

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Host box.kiwiz.co.uk

Cache-Control no-store, no-cache

Pragma no-cache

Response Headers

HTTP/ 1.1 200 OK

Transfer-Encoding chunked

Connection keep-alive

Strict-Transport-Security max-age=31536000

Content-Encoding gzip

Content-Type text/html

Date Thu, 04 Jan 2018 16:32:29 GMT

Thu, 04 Jan 2018 16:01:53 GMT Last-Modified

Server nginx

Details

No Referrer-Policy was found in the response headers. It must be implemented to prevent the application from sending CSRF tokens, PII and other sensitive information stored in URL parameters to third party websites.

Resources

MISC - A new security header: Referrer Policy
MISC - Using CORS policies to implement CSRF protection
MOZILLA - Tighter Control Over Your Referrers
MOZILLA - Referrer-Policy
OWASP - Secure Headers Project
W3C - Referrer Policy

Found At

https://kiwiz.co.uk/

CVSS

1.8 of 10.0

Request Headers

GET / HTTP/1.1

text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8 Accept

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Host kiwiz.co.uk

Cache-Control no-store, no-cache

Pragma no-cache

Response Headers

HTTP/ 1.1 200 OK

Transfer-Encoding chunked

Connection keep-alive

Strict-Transport-Security max-age=31536000

Content-Encoding gzip

Content-Type text/html

Date Thu, 04 Jan 2018 16:32:29 GMT

Thu, 04 Jan 2018 16:01:53 GMT Last-Modified

Server nginx

Details

No Referrer-Policy was found in the response headers. It must be implemented to prevent the application from sending CSRF tokens, PII and other sensitive information stored in URL parameters to third party websites.

Resources

MISC - A new security header: Referrer Policy
MISC - Using CORS policies to implement CSRF protection
MOZILLA - Tighter Control Over Your Referrers
MOZILLA - Referrer-Policy
OWASP - Secure Headers Project
W3C - Referrer Policy

Found At

https://ns1.box.kiwiz.co.uk/

CVSS

1.8 of 10.0

Request Headers

GET / HTTP/1.1

text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8 Accept

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Host ns1.box.kiwiz.co.uk

Cache-Control no-store, no-cache

Pragma no-cache

Response Headers

HTTP/ 1.1 200 OK

Transfer-Encoding chunked

Connection keep-alive

Strict-Transport-Security max-age=31536000

Content-Encoding gzip

Content-Type text/html

Date Thu, 04 Jan 2018 16:32:29 GMT

Thu, 04 Jan 2018 16:01:53 GMT Last-Modified

Server nginx

Details

No Referrer-Policy was found in the response headers. It must be implemented to prevent the application from sending CSRF tokens, PII and other sensitive information stored in URL parameters to third party websites.

Resources

MISC - A new security header: Referrer Policy
MISC - Using CORS policies to implement CSRF protection
MOZILLA - Tighter Control Over Your Referrers
MOZILLA - Referrer-Policy
OWASP - Secure Headers Project
W3C - Referrer Policy

Found At

https://www.kiwiz.co.uk/

CVSS

1.8 of 10.0

Request Headers

GET / HTTP/1.1

text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8 Accept

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Host www.kiwiz.co.uk

Cache-Control no-store, no-cache

Pragma no-cache

Response Headers

HTTP/ 1.1 301 Moved Permanently

Connection keep-alive

Content-Length 178

Content-Type text/html

Date Thu, 04 Jan 2018 16:32:29 GMT

Location https://kiwiz.co.uk/

Server nginx

Details

No Referrer-Policy was found in the response headers. It must be implemented to prevent the application from sending CSRF tokens, PII and other sensitive information stored in URL parameters to third party websites.

Resources

MISC - A new security header: Referrer Policy
MISC - Using CORS policies to implement CSRF protection
MOZILLA - Tighter Control Over Your Referrers
MOZILLA - Referrer-Policy
OWASP - Secure Headers Project

W3C - Referrer Policy

Content Sniffing

What does this mean?

The web site lacks content sniffing hardening techniques.

here (http://support.detectify.com/customer/portal/articles/2792034-content-sniffing).

What can happen?

This may open up for XSS attacks as browsers will attempt to guess how to render specific resources without the correct policies.

Summary

Entry	Found at	CVSS
1	https://box.kiwiz.co.uk/admin/assets/bootstrap/js/bootstrap.min.js	0
2	https://box.kiwiz.co.uk/admin/assets/jquery.min.js	0

Found At

https://box.kiwiz.co.uk/admin/assets/bootstrap/js/bootstrap.min.js

CVSS

0 of 10.0

Request Headers

GET /admin/assets/bootstrap/js/bootstrap.min.js HTTP/1.1

User-Agent Mozilla/5.0 (compatible; Detectify)

+https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Referer https://box.kiwiz.co.uk/admin

Accept-Encoding gzip, deflate

Accept-Language en-US

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

Response Headers

HTTP/ 1.1 200 OK

Accept-Ranges bytes

Strict-Transport-Security max-age=31536000

Server nginx

ETag "579627ea-90b5"

Connection keep-alive

Last-Modified Mon, 25 Jul 2016 14:53:30 GMT

Content-Length 37045

Date Thu, 04 Jan 2018 16:20:43 GMT

Content-Type application/x-javascript

Details

Add a X-Content-Type-Options header and set the value to nosniff.

Resources

REMEDIATION - Detectify Support Center - Content sniffing

Found At

https://box.kiwiz.co.uk/admin/assets/jquery.min.js

CVSS

0 of 10.0

Request Headers

GET /admin/assets/jquery.min.js HTTP/1.1

User-Agent Mozilla/5.0 (compatible; Detectify)

+https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Referer https://box.kiwiz.co.uk/admin

Accept-Encoding gzip, deflate

Accept-Language en-US

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

Response Headers

HTTP/ 1.1 200 OK

Accept-Ranges bytes

Strict-Transport-Security max-age=31536000

Server nginx

ETag "553fb284-14979"

Connection keep-alive

Last-Modified Tue, 28 Apr 2015 16:17:08 GMT

Content-Length 84345

Date Thu, 04 Jan 2018 16:20:43 GMT

Content-Type application/x-javascript

Details

Add a X-Content-Type-Options header and set the value to nosniff.

Resources

REMEDIATION - Detectify Support Center - Content sniffing

What does this mean?

This finding is generated for debugging purposes. A link is associated with this finding containing a CSV file with all crawled URL's.

What can happen?

A scan might take too long due to representative content on the application. Vulnerabilities may also be missed if Detectify lack coverage in some area of the application. If you suspect Detectify can perform better, then take a look at the associated CSV.

Summary

Entry	Found at	CVSS
1	kiwiz.co.uk	0

1. Crawled URL's

Summary

Found At

kiwiz.co.uk

CVSS

0 of 10.0

Details

Detectify tried to access 36 URL's, 28 of these were identified as unique during crawling and went through further testing.

Resources

DETECTIFY - Download Crawled URL's CSV

Discovered Host(s)

What does this mean?

Detectify has found the following hosts. This is in no way a vulnerability, but should be considered an indicator for what has been covered.

here (http://support.detectify.com/customer/portal/articles/2792024-discovered-endpoint).

Summary

Entry	Found at	cvss
1	kiwiz.co.uk	0

Found At

kiwiz.co.uk

CVSS

0 of 10.0

Details

Detectify found and tried to access 4 domains, and have analyzed them for security flaws.

Domains: box.kiwiz.co.uk kiwiz.co.uk ns1.box.kiwiz.co.uk www.kiwiz.co.uk

box.kiwiz.co.uk: > 188.213.174.30 80/tcp open 443/tcp open 1443/tcp closed 2082/tcp closed 2083/tcp closed 3000/tcp closed 3001/tcp closed 3128/tcp closed 3790/tcp closed 4443/tcp closed 4444/tcp closed 4502/tcp closed 4505/tcp closed 4567/tcp closed 5000/tcp closed 5050/tcp closed 5051/tcp closed 7001/tcp closed 8069/tcp closed 8080/tcp closed 8081/tcp closed 8111/tcp closed 8161/tcp closed 8181/tcp closed 8443/tcp closed 8500/tcp closed 8888/tcp closed 8983/tcp closed 9200/tcp closed 11211/tcp closed 17000/tcp closed 61680/tcp closed

61681/tcp closed

kiwiz.co.uk: > 188.213.174.30 80/tcp open 443/tcp open 1443/tcp closed 2082/tcp closed 2083/tcp closed 3000/tcp closed 3001/tcp closed 3128/tcp closed 3790/tcp closed 4443/tcp closed 4444/tcp closed 4502/tcp closed 4505/tcp closed 4567/tcp closed 5000/tcp closed 5050/tcp closed 5051/tcp closed 7001/tcp closed 8069/tcp closed 8080/tcp closed 8081/tcp closed 8111/tcp closed 8161/tcp closed 8181/tcp closed 8443/tcp closed 8500/tcp closed 8888/tcp closed 8983/tcp closed 9200/tcp closed 11211/tcp closed 17000/tcp closed 61680/tcp closed 61681/tcp closed

ns1.box.kiwiz.co.uk: > 188.213.174.30 80/tcp open 443/tcp open 1443/tcp closed 2082/tcp closed 2083/tcp closed 3000/tcp closed 3001/tcp closed 3128/tcp closed 3790/tcp closed 4443/tcp closed 4444/tcp closed 4502/tcp closed 4505/tcp closed 4567/tcp closed 5000/tcp closed 5050/tcp closed 5051/tcp closed 7001/tcp closed 8069/tcp closed 8080/tcp closed 8081/tcp closed 8111/tcp closed 8161/tcp closed 8181/tcp closed 8443/tcp closed 8500/tcp closed 8888/tcp closed 8983/tcp closed 9200/tcp closed 11211/tcp closed 17000/tcp closed 61680/tcp closed 61681/tcp closed

www.kiwiz.co.uk:
> 188.213.174.30
80/tcp open
443/tcp open
1443/tcp closed
2082/tcp closed
2083/tcp closed
3000/tcp closed
301/tcp closed
3128/tcp closed
3790/tcp closed
4443/tcp closed
4502/tcp closed
4502/tcp closed
4505/tcp closed
4505/tcp closed
4505/tcp closed
4507/tcp closed
5050/tcp closed
5050/tcp closed
8069/tcp closed
8081/tcp closed
8111/tcp closed
8161/tcp closed
8143/tcp closed
8443/tcp closed
8500/tcp closed
8888/tcp closed
8983/tcp closed
9200/tcp closed
11211/tcp closed
17000/tcp closed
61680/tcp closed
61680/tcp closed
61681/tcp closed

Email Enumeration

What does this mean?

The web site reveals one or more email addresses in plain text.

here (http://support.detectify.com/customer/portal/articles/2792087-email-enumeration).

What can happen?

Spammers can easily gather these email addressess and use them in spam campaigns. An attacker may also use those email adressess for spear phishing and other attacks.

Summary

Entry	Found at	cvss
1	https://box.kiwiz.co.uk/admin	0

Found At

https://box.kiwiz.co.uk/admin

CVSS

0 of 10.0

Request Headers

GET /admin HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Response Headers

HTTP/ 1.1 200 OK

chunked Transfer-Encoding

DENY X-Frame-Options

Strict-Transport-Security max-age=31536000

Server nginx

X-Content-Type-Options nosniff

Content-Security-Policy frame-ancestors 'none';

Connection keep-alive

Content-Encoding gzip

Thu, 04 Jan 2018 16:20:43 GMT Date

Content-Type text/html; charset=utf-8

Email

me@mydomain.com

my_email@mydomain.com

new_alias@mydomail.com

new_user@mydomail.com

you@yourdomain.com

Resources

REMEDIATION - Detectify Support Center - Email enumeration

What does this mean?

When Detectify audits an application, it collects various fingerprints that indicate what software is running. These fingerprints then allow Detectify to run specific tests when the time is right.

Please make sure Detectify provide accurate data for these fingerprints, by sending us a message in the feedback form on the finding details page.

What can happen?

Invalid fingerprints may cause a audit to take longer, and the lack of fingerprints may cause Detectify to miss running specific tests.

Summary

Entry	Found at	cvss
1	http://box.kiwiz.co.uk/	0
2	http://kiwiz.co.uk/	0
3	http://ns1.box.kiwiz.co.uk/	0
4	http://www.kiwiz.co.uk/	0
5	https://box.kiwiz.co.uk/	0
6	https://kiwiz.co.uk/	0
7	https://ns1.box.kiwiz.co.uk/	0
8	https://www.kiwiz.co.uk/	0

Summary

Found At

http://box.kiwiz.co.uk/

CVSS

0 of 10.0

Details

Vendor: nginx Software: nginx

Resources

DETECTIFY - An intelligent way to look for vulnerabilities

Summary

Found At

http://kiwiz.co.uk/

CVSS

0 of 10.0

Details

Vendor: nginx Software: nginx

Resources

DETECTIFY - An intelligent way to look for vulnerabilities

Summary

Found At

http://ns1.box.kiwiz.co.uk/

CVSS

0 of 10.0

Details

Vendor: nginx Software: nginx

Resources

DETECTIFY - An intelligent way to look for vulnerabilities

Summary

Found At

http://www.kiwiz.co.uk/

CVSS

0 of 10.0

Details

Vendor: nginx Software: nginx

Resources

DETECTIFY - An intelligent way to look for vulnerabilities

Summary

Found At

https://box.kiwiz.co.uk/

CVSS

0 of 10.0

Details

Vendor: nginx Software: nginx

Vendor: jquery Software: jquery Version: 2.1.4

Resources

DETECTIFY - An intelligent way to look for vulnerabilities

Summary

Found At

https://kiwiz.co.uk/

CVSS

0 of 10.0

Details

Vendor: nginx Software: nginx

Resources

DETECTIFY - An intelligent way to look for vulnerabilities

Summary

Found At

https://ns1.box.kiwiz.co.uk/

CVSS

0 of 10.0

Details

Vendor: nginx Software: nginx

Resources

DETECTIFY - An intelligent way to look for vulnerabilities

Summary

Found At

https://www.kiwiz.co.uk/

CVSS

0 of 10.0

Details

Vendor: nginx Software: nginx

Resources

DETECTIFY - An intelligent way to look for vulnerabilities

HTML Comments

What does this mean?

knowledge base (http://support.detectify.com/customer/en/portal/articles/2243487-html-comments).

What can happen?

The snippets of code within comments will remain inactive until you remove the comment brackets. The comments might also contain sensitive information not meant for the public.

Summary

Entry	Found at	cvss
1	https://box.kiwiz.co.uk/admin	0

Found At

https://box.kiwiz.co.uk/admin

CVSS

0 of 10.0

Details

```
<!--/.navbar-collapse -->
<!-- /col -->
<!-- /row -->
<!-- LOCAL BACKUP -->
<!-- RSYNC BACKUP -->
<!-- S3 BACKUP -->
<!-- Common -->
<!-- /container -->
```

Resources

REMEDIATION - Detectify Support Center - HTML Comments

Remote Administration Portal

What does this mean?

A remote administration interface has been found.

here (http://support.detectify.com/customer/portal/articles/2792091-remote-administration-portal).

Summary

Entry	Found at	cvss
1	https://box.kiwiz.co.uk/admin	0
2	https://box.kiwiz.co.uk/admin	0

Found At

https://box.kiwiz.co.uk/admin

CVSS

0 of 10.0

Request Headers

GET /admin HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Response Headers

HTTP/ 1.1 200 OK

chunked Transfer-Encoding

DENY X-Frame-Options

Strict-Transport-Security max-age=31536000

Server nginx

X-Content-Type-Options nosniff

Content-Security-Policy frame-ancestors 'none';

Connection keep-alive

Content-Encoding gzip

Thu, 04 Jan 2018 16:20:43 GMT Date

Content-Type text/html; charset=utf-8

Details

Resources

REMEDIATION - Detectify Support Center - Remote Administration Portal

Found At

https://box.kiwiz.co.uk/admin

CVSS

0 of 10.0

Request Headers

GET /admin HTTP/1.1

Accept text/html,application/xhtml+xml,application/xml; q=0.9,image/webp,*/*; q=0.8

Upgrade-Insecure-Requests

User-Agent

Mozilla/5.0 (compatible; Detectify) +https://detectify.com/bot/f6fafb3037bbcf445adeca266f0de678f7ba83d1

Accept-Encoding gzip, deflate

Accept-Language en-US

Response Headers

HTTP/ 1.1 200 OK

chunked Transfer-Encoding

DENY X-Frame-Options

Strict-Transport-Security max-age=31536000

Server nginx

X-Content-Type-Options nosniff

Content-Security-Policy frame-ancestors 'none';

Connection keep-alive

Content-Encoding gzip

Thu, 04 Jan 2018 16:20:43 GMT Date

Content-Type text/html; charset=utf-8

Details

```
<form class="form-horizontal" role="form" onsubmit="do_login(); return false;">
  <div class="form-group">
<label for="inputEmail3" class="col-sm-3 control-label">Email</label>
   <div class="col-sm-9">
     <input name="email" type="email" class="form-control" id="loginEmail"
placeholder="Email">
   </div>
  </div>
  <div class="form-group">
   <label for="inputPassword3" class="col-sm-3 control-label">Password</label>
   <div class="col-sm-9">
     <input name="password" type="password" class="form-control" id="loginPassword"
placeholder="Password">
   </div>
  </div>
  <div class="form-group">
   <div class="col-sm-offset-3 col-sm-9">
  <div class="checkbox">
      <label>
       <input name='remember' type="checkbox" id="loginRemember"> Remember me
      </label>
     </div>
   </div>
  </div>
  <div class="form-group">
   <div class="col-sm-offset-3 col-sm-9">
    <button type="submit" class="btn btn-default">Sign in/button>
  </div>
 </form>
```

Resources

REMEDIATION - Detectify Support Center - Remote Administration Portal

What does this mean?

The listed providers are authorized to host different parts of your infrastructure.

here (http://support.detectify.com/customer/portal/articles/2792249-service-providers).

What can happen?

Anyone can retrieve this data. It's only here to serve as an indicator of what vendors have access to.

Summary

Entry	Found at	cvss
1	kiwiz.co.uk	0

1. Service Providers

Summary

Found At kiwiz.co.uk

CVSS 0 of 10.0

Name Service Provider

Self-Hosted

Hosting Provider

Self-Hosted

Mail Provider

Self-Hosted

Resources

REMEDIATION - Detectify Support Center - Service Providers



What does this mean?

External parties may look up contact information and other data related to your server environment and employees by querying a whois server. These types of lookup services could be used by an attacker to gather intelligence about you and your domain. However, there should always be whois records available. It's a fundamental part of being a domain owner.

here (http://support.detectify.com/customer/portal/articles/2792025-whois).

Summary

Entry	Found at	cvss
1	kiwiz.co.uk	0

Found At

kiwiz.co.uk

CVSS

0 of 10.0

Command

telnet.exe whois.nic.uk 43 kiwiz.co.uk

Details

Server: whois.nic.uk:43

Domain name: kiwiz.co.uk

Registrant: Scott D

Registrant type: UK Individual

Registrant's address:

The registrant is a non-trading individual who has opted to have their address omitted from the WHOIS service.

Data validation:

Nominet was not able to match the registrant's name and/or address against a 3rd party source on 20-Oct-2017

Registrar:

eNom LLC [Tag = ENOM] URL: http://www.enom.com

Relevant dates:

Registered on: 02-Nov-2015 Expiry date: 02-Nov-2018 Last updated: 20-Oct-2017

Registration status:

Registered until expiry date.

Name servers:

ns1.box.kiwiz.co.uk 188.213.174.30 ns2.box.kiwiz.co.uk 188.213.174.30

DNSSEC: Signed

WHOIS lookup made at 16:16:55 04-Jan-2018

This WHOIS information is provided for free by Nominet UK the central registry for .uk domain names. This information and the .uk WHOIS are:

Copyright Nominet UK 1996 - 2018.

You may not access the .uk WHOIS or use any data from it except as permitted by the terms of use available in full at http://www.nominet.uk/whoisterms, which includes restrictions on: (A) use of the data for advertising, or its repackaging, recompilation, redistribution or reuse (B) obscuring, removing or hiding any or all of this notice and (C) exceeding query rate or volume limits. The data is provided on an 'as-is' basis and may lag behind the register. Access may be withdrawn or restricted at any time.

Resources

REMEDIATION - Detectify Support Center - WHOIS