國立臺灣師範大學伺服器弱點處理報告單

填表日期：2025 年 11 月 24 日

IP	[redacted]		
Domain Name	[redacted]/	掃瞄時間	2025 年 11 月 21 日

項次	等級	弱點名稱	修補情形	修補日期	未修補原因說明與防禦因應方法
1	中	在 CSP 中允許的不安全的內聯腳本回退	□已修補 ■暫不修補		經 Google CSP Evaluator 檢查，已符合資訊安全。佐證如附。
2	中	繞過腳本允許清單的配置	□已修補 ■暫不修補		經 Google CSP Evaluator 檢查，已符合資訊安全。佐證如附。
3	低	在 CSP 中未強制執行腳本中的可信類型	■已修補 □暫不修補		已於末端加上 trusted-types default; require-trusted-types-for 'script';，佐證如附。
4	低	遺漏「Content-Security-Policy」標頭	■已修補 □暫不修補		Web.config 補上 HTTP 回應標頭，新增最安全的互通版本(主程式之 CSP 建立於 index.php 中) Content-Security-Policy: default-src 'none';style-src 'self' 'unsafe-inline';img-src 'self' data:;font-src 'self';media-src 'self';object-src 'none';frame-ancestors 'self';base-uri 'self'; ，佐證如附
5					

申請掃描單位			
承辦人簽章		主管簽章	

備註：主管簽章完畢後，請將本文件掃描電子檔或正本傳送至和平校區 II 資訊中心吳京剛備存，電話：[redacted]

序號 1 佐證資料：在 CSP 中允許的不安全的內聯腳本回退

檢測結果：

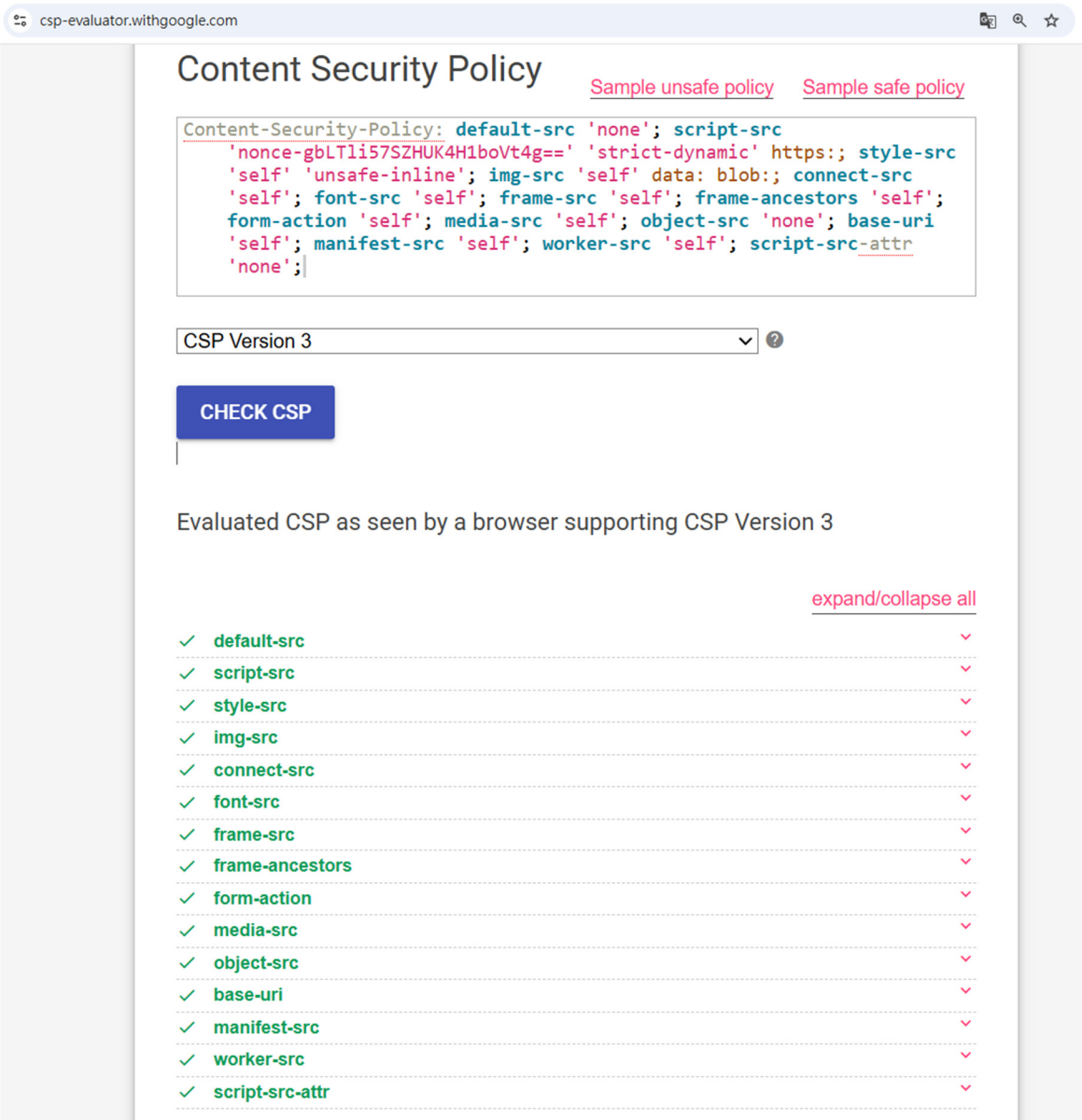
```
Server:
Content-Security-Policy: default-src 'none'; script-src 'self' 'nonce-tAEqWiAUYE5wogzm8LjPog=='; style-src 'self' 'unsafe-inline'; img-src 'self' data: blob:; connect-src 'self'; font-src 'self'; frame-src 'self'; frame-ancestors 'self'; form-action 'self'; media-src 'self'; object-src 'none'; base-uri 'self'; manifest-src 'self'; worker-src 'self'; script-src-attr 'none';
```

說明及佐證：

CSP 設定為最新第三版要求

Content-Security-Policy: default-src 'none'; script-src 'nonce-gbLTli57SZHUK4H1boVt4g==' 'strict-dynamic' https:; style-src 'self' 'unsafe-inline'; img-src 'self' data: blob:; connect-src 'self'; font-src 'self'; frame-src 'self'; frame-ancestors 'self'; form-action 'self'; media-src 'self'; object-src 'none'; base-uri 'self'; manifest-src 'self'; worker-src 'self'; script-src-attr 'none';

預設全部為 none，script 僅開放 nonce 與 strict-dynamic(嚴格)，依據 Google CSP Evaluator 檢查，符合最新第三版的資安檢查，如下圖。



```
C:\Users\confl>
HTTP/1.1 200 OK
Cache-Control: no-store, no-cache, must-revalidate
Pragma: no-cache
Content-Length: 0
Content-Type: text/html; charset=utf-8
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Server:
Content-Security-Policy: default-src 'none'; script-src  'nonce-gbLTli57SZHUK4H1boVt4g==' 'strict-dynamic' https:; style
-src 'self' 'unsafe-inline'; img-src 'self' data: blob:; connect-src 'self'; font-src 'self'; frame-src 'self'; frame-an
cestors 'self'; form-action 'self'; media-src 'self'; object-src 'none'; base-uri 'self'; manifest-src 'self'; worker-sr
c 'self'; script-src-attr 'none';
Set-Cookie: PHPSESSID=cith0iki55uf6aui9fbonqgp2o; path=/; samesite=Strict; secure; HttpOnly
X-Frame-Options: DENY
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
Strict-Transport-Security: max-age=31536000; includeSubDomains; preload
Referrer-Policy: Strict-origin-when-cross-origin
Permissions-Policy: accelerometer=(self), camera=(self), geolocation=(self), gyroscope=(self), magnetometer=(self), micr
ophone=(self), payment=(self), usb=(self)
Date: Mon, 24 Nov 2025 04:43:06 GMT
```

序號 2 佐證資料：繞過腳本允許清單的配置

檢測結果：

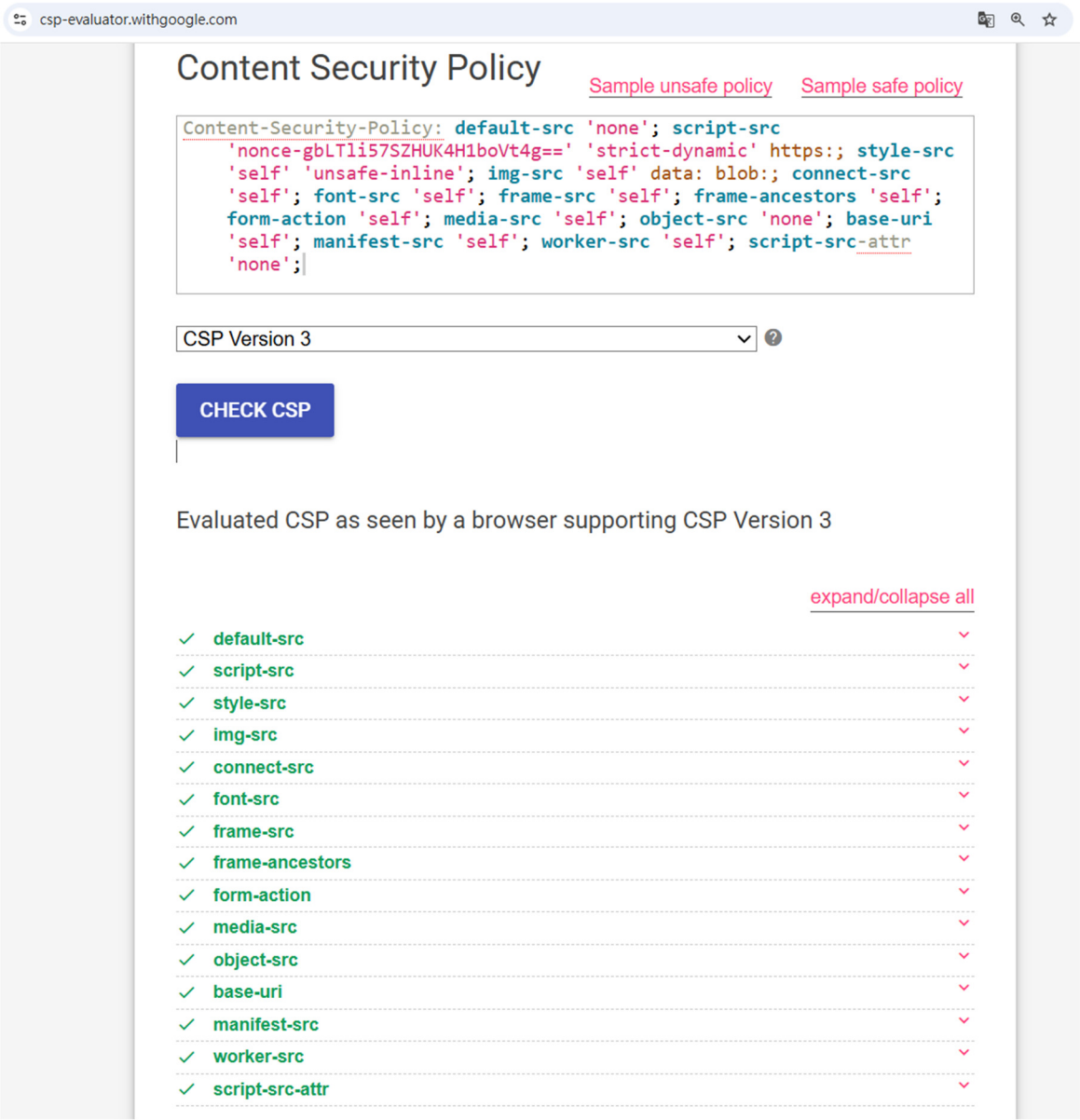
```
Content-Type: text/html; charset=utf-8
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Server:
Content-Security-Policy: default-src 'none'; script-src 'self' 'nonce-C1Rureflw43fgKYiUnzAGA=='; style-src 'self' 'unsafe-inline'; img-src 'self' data: blob:; connect-src
'self'; font-src 'self'; frame-src 'self'; frame-ancestors 'self'; form-action 'self'; media-src 'self'; object-src 'none'; base-uri 'self'; manifest-src 'self'; worker-src
'self'; script-src-attr 'none';
X-Frame-Options: DENY
X-XSS-Protection: 1; mode=block
```

說明及佐證：

CSP 設定為最新第三版要求

Content-Security-Policy: default-src 'none'; script-src 'nonce-gbLTli57SZHUK4H1boVt4g==' 'strict-dynamic' https:; style-src 'self' 'unsafe-inline'; img-src 'self' data: blob:; connect-src 'self'; font-src 'self'; frame-src 'self'; frame-ancestors 'self'; form-action 'self'; media-src 'self'; object-src 'none'; base-uri 'self'; manifest-src 'self'; worker-src 'self'; script-src-attr 'none';

預設全部為 none，script 僅開放 nonce 與 strict-dynamic(嚴格)，依據 Google CSP Evaluator 檢查，符合最新第三版的資安檢查，如下圖。




```
C:\Users\confl>curl -I [redacted]
HTTP/1.1 200 OK
Cache-Control: no-store, no-cache, must-revalidate
Pragma: no-cache
Content-Length: 0
Content-Type: text/html; charset=utf-8
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Server:
Content-Security-Policy: default-src 'none'; script-src  'nonce-83blmrJ0RHWgce3eOntPFg==' 'strict-dynamic' https:; style-src 'self' 'unsafe-inline'; img-src 'self' data: blob:; connect-src 'self'; font-src 'self'; frame-src 'self'; frame-ancestors 'self'; form-action 'self'; media-src 'self'; object-src 'none'; base-uri 'self'; manifest-src 'self'; worker-src 'self'; script-src-attr 'none';
Set-Cookie: PHPSESSID=leu7ov9jt9ek0nsjtpq7mlg9c8; path=/; samesite=Strict; secure; HttpOnly
X-Frame-Options: DENY
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
Strict-Transport-Security: max-age=31536000; includeSubDomains; preload
Referrer-Policy: Strict-origin-when-cross-origin
Permissions-Policy: accelerometer=(self), camera=(self), geolocation=(self), gyroscope=(self), magnetometer=(self), microphone=(self), payment=(self), usb=(self)
Date: Mon, 24 Nov 2025 04:43:22 GMT
```

序號 3 佐證資料：在 CSP 中未強制執行腳本中的可信類型

檢測結果：

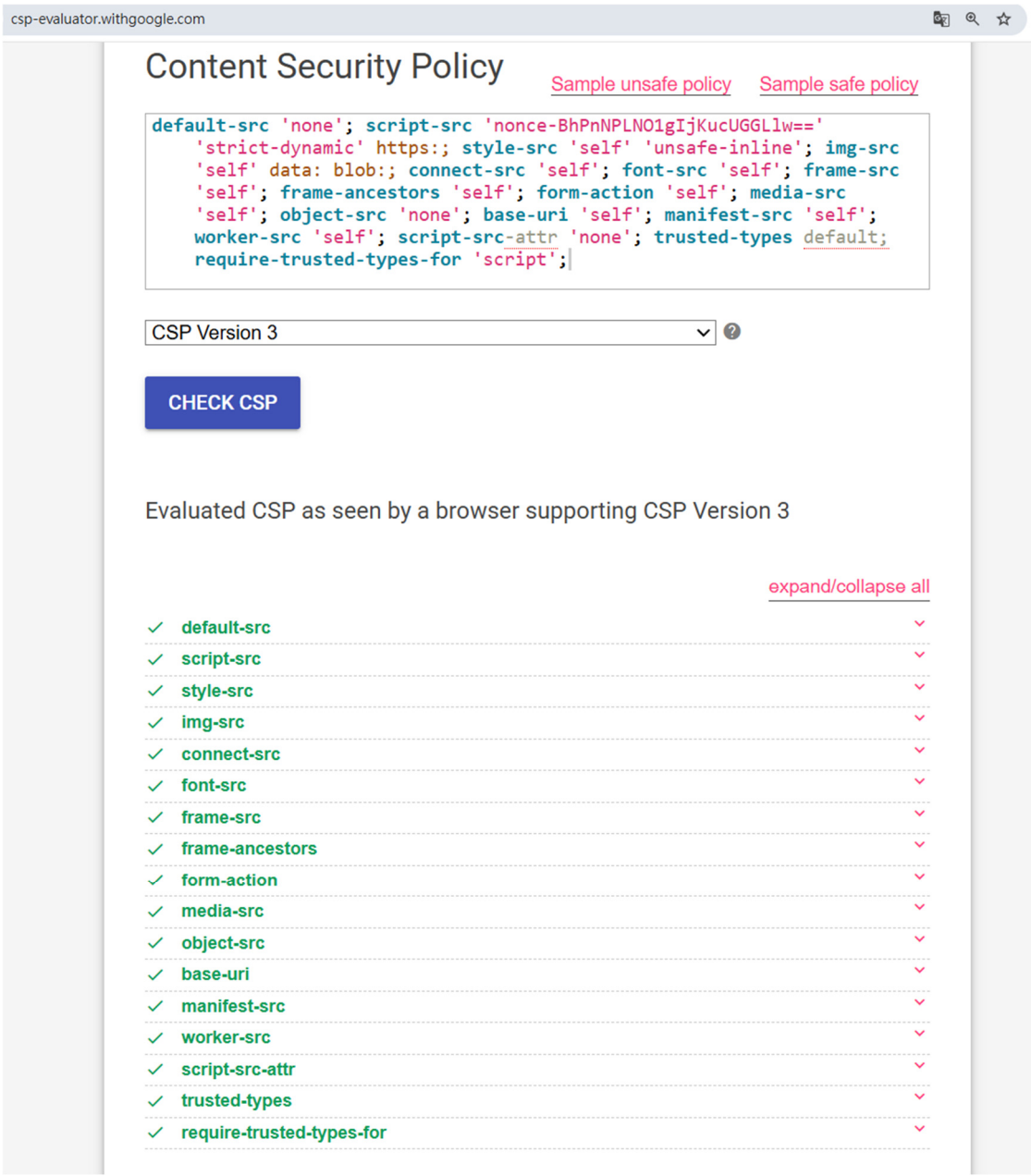
```
Server:
Content-Security-Policy: default-src 'none'; script-src 'self' 'nonce-Ea+OKrOgQS5c6DH9T8BtVA=='; style-src 'self' 'unsafe-inline'; img-src 'self' data: blob:; connect-src
'self'; font-src 'self'; frame-src 'self'; frame-ancestors 'self'; form-action 'self'; media-src 'self'; object-src 'none'; base-uri 'self'; manifest-src 'self'; worker-src
'self'; script-src-attr 'none';
```

說明及佐證：

CSP 設定為最新第三版要求

default-src 'none'; script-src 'nonce-BhPnNPLNO1gIjKucUGGLlw==' 'strict-dynamic' https:; style-src 'self' 'unsafe-inline'; img-src 'self' data: blob:; connect-src 'self'; font-src 'self'; frame-src 'self'; frame-ancestors 'self'; form-action 'self'; media-src 'self'; object-src 'none'; base-uri 'self'; manifest-src 'self'; worker-src 'self'; script-src-attr 'none'; trusted-types default; require-trusted-types-for 'script';

預設全部為 none，script 僅開放 nonce 與 strict-dynamic(嚴格)，並加上可信類型 trusted-types default; require-trusted-types-for 'script';，依據 Google CSP Evaluator 檢查，符合最新第三版的資安檢查，如下圖。




```
C:\Users\confl>curl -I h
HTTP/1.1 200 OK
Cache-Control: no-store, no-cache, must-revalidate
Pragma: no-cache
Content-Length: 0
Content-Type: text/html; charset=utf-8
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Server:
Content-Security-Policy: default-src 'none'; script-src  'nonce-gbLTli57SZHUK4H1boVt4g==' 'strict-dynamic' https:; style-src 'self' 'unsafe-inline'; img-src 'self' data: blob:; connect-src 'self'; font-src 'self'; frame-src 'self'; frame-ancestors 'self'; form-action 'self'; media-src 'self'; object-src 'none'; base-uri 'self'; manifest-src 'self'; worker-src 'self'; script-src-attr 'none';
Set-Cookie: PHPSESSID=cith0iki55uf6aui9fbonqgp2o; path=/; samesite=Strict; secure; HttpOnly
X-Frame-Options: DENY
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
Strict-Transport-Security: max-age=31536000; includeSubDomains; preload
Referrer-Policy: Strict-origin-when-cross-origin
Permissions-Policy: accelerometer=(self), camera=(self), geolocation=(self), gyroscope=(self), magnetometer=(self), microphone=(self), payment=(self), usb=(self)
Date: Mon, 24 Nov 2025 04:43:06 GMT
```

序號 4 佐證資料：遺漏「Content-Security-Policy」標頭

檢測結果：

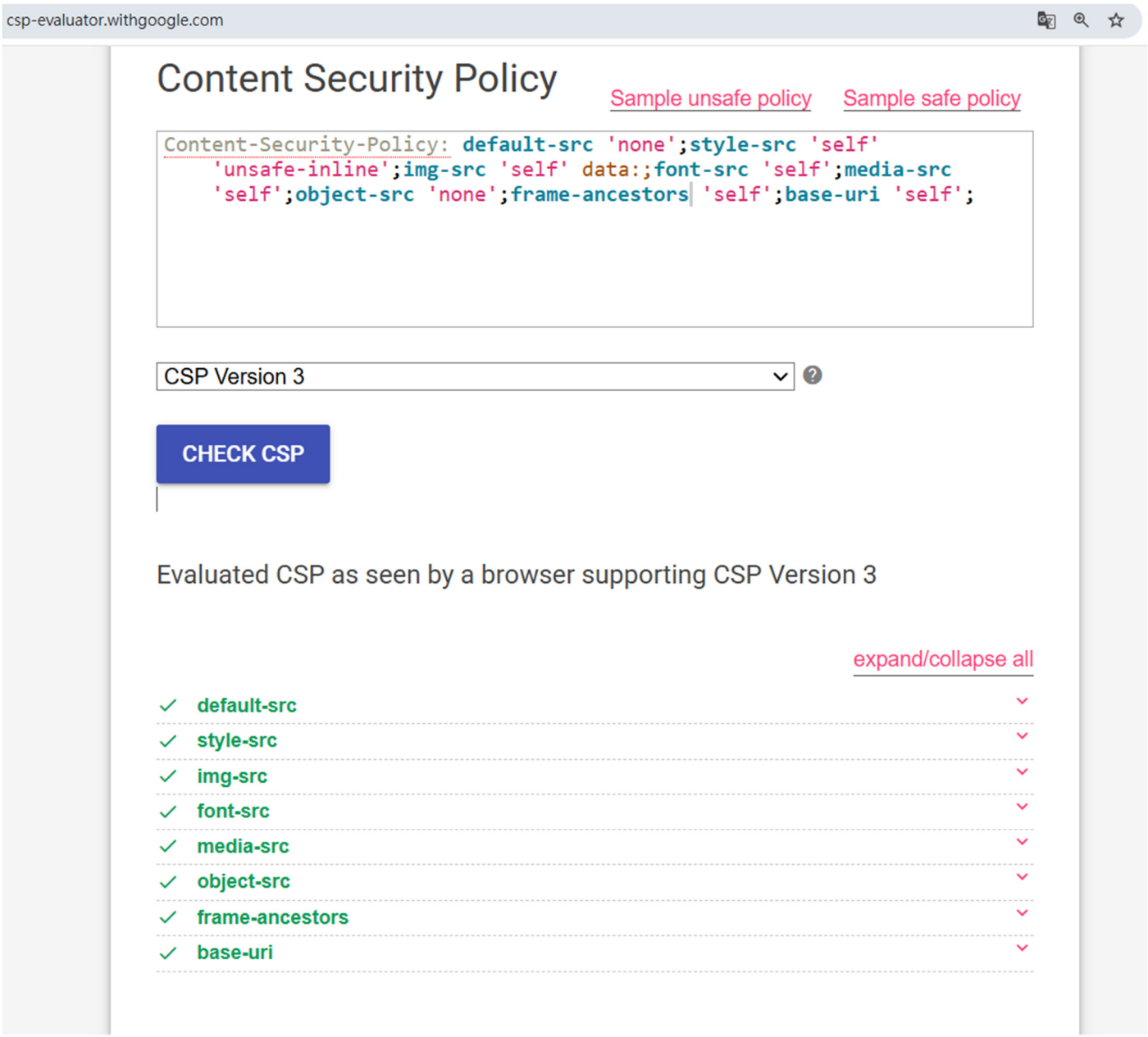
```
GET /plugins/jquery-ui/jquery-ui.min.js HTTP/1.1
Host: [redacted]
Conne
sec-c
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/138.0.0.0 Safari/537.36
sec-ch-ua: "Not)A;Brand";v="8", "Chromium";v="138"
sec-ch-ua-mobile: ?0
Accept: */*
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: no-cors
Sec-Fetch-Dest: script
Referer: [redacted]
Accept-La
Cookie: P
Content-Length: 0


HTTP/1.1 200 OK
Content-Type: application/javascript
Last-Modified: Mon, 26 Sep 2022 01:51:44 GMT
Accept-Ranges: bytes
ETag: "07896874ad1d81:0"
Server:
X-Frame-Options: DENY
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
Strict-Transport-Security: max-age=31536000; includeSubDomains; preload
Referrer-Policy: Strict-origin-when-cross-origin
Permissions-Policy: accelerometer=(self), camera=(self), geolocation=(self), gyroscope=(self), magnetometer=(self), microphone=(self), payment=(self), usb=(self)
Date: Fri, 21 Nov 2025 09:27:00 GMT
Content-Length: 255079
```

說明及佐證：

Web.config 補上 HTTP 回應標頭，新增最安全的互通版本(主程式之 CSP 建立於 index.php 中)

Content-Security-Policy: default-src 'none';style-src 'self' 'unsafe-inline';img-src 'self' data:;font-src 'self';media-src 'self';object-src 'none';frame-ancestors 'self';base-uri 'self';

預設全部為 none，依據 Google CSP Evaluator 檢查，符合最新第三版的資安檢查，如下圖。




```
C:\Users\confl>curl -I h                                                    /jquery-ui.min.js
HTTP/1.1 200 OK
Content-Length: 255079
Content-Type: application/javascript
Last-Modified: Mon, 26 Sep 2022 01:51:44 GMT
Accept-Ranges: bytes
ETag: "07896874ad1d81:0"
Server:
Content-Security-Policy: default-src 'none';                    style-src 'self' 'unsafe-inline';
 img-src 'self' data:;                  font-src 'self';                  media-src 'self';                  o
bject-src 'none';                  frame-ancestors 'self';                  base-uri 'self';
X-Frame-Options: DENY
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
Strict-Transport-Security: max-age=31536000; includeSubDomains; preload
Referrer-Policy: Strict-origin-when-cross-origin
Permissions-Policy: accelerometer=(self), camera=(self), geolocation=(self), gyroscope=(self), magnetometer=(self), micr
ophone=(self), payment=(self), usb=(self)
Date: Mon, 24 Nov 2025 08:24:18 GMT
```