

Report di applicazione Web

Questo report include importanti informazioni di sicurezza sull'applicazione Web.

Report Sicurezza

Questo report è stato creato da HCL AppScan Standard 10.8.0
Scansione avviata: 28/03/2025 15:43:44

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- Cipher suite deboli - Attacco ROBOT: le cipher suite vulnerabili sono supportate dal server ¹
- Cookie con attributo SameSite non sicuro, improprio o mancante ⁶⁸
- Crittografia debole rilevata: non tutti i pacchetti di crittografia supportano Perfect Forward Secrecy ¹
- Elenco di directory ¹
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- Attacco Apache Multiviews ⁴⁵
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- Difesa scripting tra frame mancante o non sicura - Estesa e informativa ¹
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- Intestazione sicurezza "politica referente mancante" ¹

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- Parametri
- URL visitati

Introduzione

Questo report contiene i risultati di una scansione di sicurezza dell'applicazione Web eseguita da HCL AppScan Standard.

Problemi di severità media:	75
Problemi di severità bassa:	57
Problemi di severità informazioni:	3
Problemi di sicurezza totali inclusi nel report:	135
Problemi di sicurezza totali rilevati nella scansione:	135

Informazioni generali

Nome file di scansione:	sigas.sigasbl.sec-4164
Scansione avviata:	28/03/2025 15:43:44
Politica di test:	completo
Versione CVSS:	3.1
Livello di ottimizzazione test:	Veloce
Host	tst-secure.sistemapiemonte.it
Porta	443
Sistema operativo:	Unix
Server Web:	Oracle Web Listener
Server di applicazioni:	Qualsiasi

Impostazioni di login

Metodo di login:	Automatico
Login simultanei:	Abilitato
Rilevamento in-session:	Abilitato
Pattern in-session:	aggiornamento\.\ Se\ il\ browser\ non\ verr main\ id
Cookie ID sessione o tracciati:	JSESSIONID
Parametri ID sessione o tracciati:	SAMLRequest RelayState Signature samlRequest relayState signature params[samlRequest] params[relayState] params[signature] SAMLRequest RelayState

Sequenza di login:

```
https://tst-secure.sistemapiemonte.it/sigas
https://tst-
www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U+BuAcSCLuN1USiBG2R8qCYjapekIFJYgkwtZ1Hv30NSV
Zs1UZVL/FpxPw985uHmQhSFjVyD3JfRfDjAEJq57KoBGdU/3AK8SioAJVpASBZiawulwg
yxigmjPJMLbomisEcE1Z5bFKHErgGPiRZvAWLab6XspaINOUQvYFZAcOhoonoSQ1hZJVEg
wqTSHqpKBH01G+1rISUdM8eXVxmET+a7Be+Sbe0zRlBci9IQQzGxLLDnc41rW5QqcVaSA+
pjydtKyTyehm2xGVhMNOqcFUdWxpAddwEeSUQyZNjNe6FsynePKnY/I8Gt1pbsPLSz5OCd
gO2ULqjHIndYiSCXGAoBKSVHKqWwPL6Q/svvUpHo7Q6BkNh991Lby26zOtc1rt7vc2vYgE
+hLHYf9...
https://tst-
www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
execution=els1
https://tst-www.spid.piemonte.it/gasp_regione/start.do?
conversation=els1
https://tst-www.spid.piemonte.it/gasp_regione/authnRequestAction.do?
destination=https://demo.spid.gov.it/samlso&entityID=SERVICE_PROVIDER
_SECURE.SISTEMAPIEMONTE.IT LIV3_SISP LIV2_SPID_GASP_REGIONE&comunita=0
&livello=2&issuer=https://demo.spid.gov.it
https://demo.spid.gov.it/samlso?
SAMLRequest=nZPNbtswEIRfReBdv1bdhrAEGDYKGEiLNA566KWgqbVDQCRV7jJ23j6kHC
cCmuSQG8Ed7cx+Wi5Q6H7gS0/35hb+eUBKTro3yMdCw7wz3ApUyI3QgJwk3y5/XPMqK/jg
LFlpe5YsEcGRsmZ1DXoNbguvQUUnYmA5ODSuCgsipnSc4K5Q5/CdZB3NlRGzTsHuiAXmed6
BthoPgson9yBTlMReiZcl36ySMwRtGzgNLNuuG/S1FvfsgHuwruZdp3V1V6W5WFqks5rKu
ym7WXUUpog/WSMJQw6qi+pIW57T6dlfWvJ7zcp4Vs/kflvwGh2OeMC9rF9Gcj9+6CaaPKY
kLmzGyFvSxPN6oLt2PUg6GFD2y5Ge4/eVFr/YK3CsdQkoRpHeQhW4EWgwqADMEARVroyyo
jsdj5uAQ1ka2qec4LPLJROfxBh69Nusb2yv5+InI5IRBFYK...
https://demo.spid.gov.it/start
https://demo.spid.gov.it/login
https://demo.spid.gov.it/login
https://demo.spid.gov.it/login
https://tst-secure.sistemapiemonte.it/sigas
https://tst-
www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U+BuAdYyGutJBilaIuUB8VsVPWCHJgklgBT23nst68hyY
qt2qjqJT6NmL9nfvMwY0GKvELuQe7LCH4eQEjtXOS1QI1joh94iRgRVKCSFCCQTBF2F3Nk
GxaqOJMsZbmUuUIA15SVHivFoQCOgR9pCm/RfKLvpawEMk0pZFdAeuBgqHgSCLJRKfGpwa
DSFKJKcnp0EuVrLDRFc2SVxeHSeS/Bqulb+I93WxYDnJvCMHMmsQ2wxWodW2m0G1JaojP
KU+nk1FHMtrZdkQ14bBTajBVHVuawzVcBBnlkEoT45WuBbOJngz7m5RkMBz1+vbgZdjLhm
Q4cOw+GT1DgIGlZEICiFJKWc6LZ197uW07VH8XMP9QbIsX7oWnht1xdaZrTc3e/t5iIS
6Gsch91...
https://tst-
www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
execution=e2s1
https://tst-www.spid.piemonte.it/gasp_regione/start.do?
conversation=e2s1
```

Riepilogo

Tipi di problemi 17

Sommario

Tipo di problema		Numero di problemi	
M	BEAST (Browser Exploit Against SSL/TLS)	1	<div></div>
M	Cipher suite deboli - Attacco ROBOT: le cipher suite vulnerabili sono supportate dal server	1	<div></div>
M	Cookie con attributo SameSite non sicuro, improprio o mancante	68	<div></div>
M	Crittografia debole rilevata: non tutti i pacchetti di crittografia supportano Perfect Forward Secrecy	1	<div></div>
M	Elenco di directory	1	<div></div>
M	Individuazione pattern elenco di directory	1	<div></div>
M	La versione precedente di TLS è supportata.	1	<div></div>
M	Sono state rilevate cipher suite SHA-1	1	<div></div>
B	Attacco Apache Multiviews	45	<div></div>
B	Intestazione "Content-Security-Policy" mancante	1	<div></div>
B	Intestazione "X-Content-Type-Options" mancante o non sicura	1	<div></div>
B	Intestazione HSTS (HTTP Strict-Transport-Security) mancante o non sicura	1	<div></div>
B	Rilevamento di directory nascoste	8	<div></div>
B	Trovate intestazioni di risposta Http non necessarie nell'applicazione	1	<div></div>
I	Difesa scripting tra frame mancante o non sicura - Estesa e informativa	1	<div></div>
I	Individuazione pattern indirizzo e-mail	1	<div></div>
I	Intestazione sicurezza "politica referente mancante"	1	<div></div>

URL vulnerabili 10

Sommario

URL		Numero di problemi	
M	https://tst-secure.sistemapiemonte.it/sigas	6	<div></div>
M	https://tst-secure.sistemapiemonte.it/	88	<div></div>
B	https://tst-secure.sistemapiemonte.it/assets/	5	<div></div>
B	https://tst-secure.sistemapiemonte.it/cgi-bin/	5	<div></div>
B	https://tst-secure.sistemapiemonte.it/css/	5	<div></div>
B	https://tst-secure.sistemapiemonte.it/icons/	6	<div></div>
B	https://tst-secure.sistemapiemonte.it/icons/small/	5	<div></div>
B	https://tst-secure.sistemapiemonte.it/include/	5	<div></div>
B	https://tst-secure.sistemapiemonte.it/js/	5	<div></div>
B	https://tst-secure.sistemapiemonte.it/repository/	5	<div></div>

Raccomandazioni fix 13

Sommario

Operazione di risoluzione	Numero di problemi
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M	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati	68	<div></div>
M	Modifica cipher suite supportate dal server	4	<div></div>
M	Modificare la configurazione del server in modo da rifiutare l'elenco di directory ed installare le ultime patch di sicurezza disponibili	2	<div></div>
M	Utilizzare un algoritmo di firma diverso per il certificato. Consultare "Raccomandazione Fix" per istruzioni server specifiche	1	<div></div>
B	Configurare il server per l'utilizzo dell'intestazione "Content-Security-Policy" con politiche sicure	1	<div></div>
B	Configurare il server per l'utilizzo dell'intestazione "Referrer Policy" con politiche sicure	1	<div></div>
B	Configurare il server per l'utilizzo dell'intestazione "X-Content-Type-Options" con il valore "nosniff"	1	<div></div>
B	Configurare il server per l'utilizzo dell'intestazione "X-Frame-Options" con il valore DENY o SAMEORIGIN	1	<div></div>
B	Immettere un codice di stato di risposta "404 - Not Found" per una risorsa proibita o rimuoverlo completamente	8	<div></div>
B	Implementare la politica HSTS (HTTP Strict-Transport-Security) con un valore esteso di "max-age"	1	<div></div>
B	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews	45	<div></div>
B	Non consentire la perdita di informazioni sensibili.	1	<div></div>
B	Rimuovere gli indirizzi e-mail dal sito Web	1	<div></div>

Rischi di sicurezza 7

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Rischio	Numero di problemi	
M È possibile intercettare o manipolare la sessione del cliente e i cookie, che potrebbero essere utilizzati per impersonare un utente legittimo, consentendo così all'aggressore di visualizzare o modificare i record dell'utente e di eseguire transazioni come se fosse tale utente.	5	<div></div>
M Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).	68	<div></div>
M È possibile visualizzare e scaricare il contenuto di determinate directory virtuali dell'applicazione Web, che potrebbero contenere file riservati	2	<div></div>
B È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web	45	<div></div>
B È possibile raccogliere informazioni sensibili sull'applicazione Web come nomi utente, password, nome macchina e/o posizioni dei file sensibili	7	<div></div>
B È possibile persuadere un utente ingenuo a fornire informazioni sensibili, ad esempio nome utente, password, numero di carta di credito, numero della previdenza sociale, ecc.	5	<div></div>
B È possibile richiamare le informazioni relative alla struttura del file system del sito, che possono essere utili all'aggressore per mappare il sito Web	8	<div></div>

Cause 7



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Causa	Numero di problemi	
M Il server Web o il server di applicazioni sono configurati in un modo non sicuro	58	<div></div>
M Cookie sensibile con attributo SameSite improprio, non sicuro o mancante	68	<div></div>
M L'esplorazione directory è abilitata	2	<div></div>
B Programmazione o configurazione non sicura dell'applicazione Web	7	<div></div>

Classificazione minaccia WASC

[Somario](#)

Minaccia	Numero di problemi	
Errata configurazione del server	73	<div></div>

Indicizzazione directory	2	
Perdita di informazioni	60	

Problemi raggruppati per tipologia

BEAST (Browser Exploit Against SSL/TLS)	
Severità:	Media
Punteggio CVSS:	5,3
Vettore CVSS:	AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/sigas
Entità:	tst-secure.sistemapiemonte.it (Page)
Rischio:	È possibile intercettare o manipolare la sessione del cliente e i cookie, che potrebbero essere utilizzati per impersonare un utente legittimo, consentendo così all'aggressore di visualizzare o modificare i record dell'utente e di eseguire transazioni come se fosse tale utente.
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modifica cipher suite supportate dal server

Differenza:

Motivazione: AppScan ha determinato che il sito utilizza cipher suite deboli creando correttamente connessioni SSL che utilizzano ciascuna della cipher suite deboli elencate qui.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:52:30 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPZU%2BBfA8E2LSJ1URKodo15UEXGIW9IAcmiSXA1HYe%2B%2B1rSLJiqzaqeolPI%2Bbvmd88zEjSIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMJYHUUWJOJZ04pAVIrFUMpos5dsweRgRXP0U5MgZSglCM1x4v5aEQUAcvQqv0XyM9kpVEluWkqorIT0IMHU8BQWtGBS8VCAyZU1ZJTk7uon2NZaTyIplyculhEnkwSpW%2BRPdtseA5qb0rJrZrEscIViZEEx0%2BispDEx5Sn08msI5ntbDugkwjYaTVVuo4ty%2BEaLcRMCUiVRogKGcFsjBkafug7kNqDz9mzs%2B1ntr3Z2M5wsB0QMEy3PS2T8gBEKRut1Rg5Paff7bldZxDbz7jvYLF3AxxhtV1fWUmxne%2Ft5uLSOKvcRc2LyWuQcimFCLAk6enzuWM6LHhhkC0hnc%2FPr1NDE2IH60Dz0%2FCaLUOZn6UEJN97jXyTBCT2F9Mw8BerZeybQZzkg7Mb609hbTkJCYPZhwGNrBbLb4QVxmqKYBbynKVxjTP%2BckIQBWMKd2sd%2FVVDN1GyJrd9OrBnZXh8aKigsm6C3CmqWrlcWNcOtG%2B4OW60Ai2%2F9OXWraFDESzVJmOK2j6Qvf%2B73h8tul2D%2B1m3Ra5OGAj%2Be7vcL3F7jjx%2FncEN3Pnxt4j0Fy%2FwXJMC6qv2zo5Ozt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97
Content-Length: 1061
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173550_5d97_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97_fgvars=_ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly
```



```
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97=_ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?SAMLRequest=xZRLj5swEMfP2U%2BFA8E2LSJLURKcdoi5UEXG1W9IAcmiSXA1HYe%2B%2B1rSLJiqzaqeo1PI%2Bbvm88zEjSIq%2Fw9KD2ZQ%2FDyCvcS7yUuLGMUYHUUWJOJZO4pAVIrFJmpos5dsweRgRXPOU5MgZSg1CM1x4v5aEQAQAcwQqr0XyM9kpVeuWkqorIT0IMHUBQWtGBS8VGAyZUJLZJK7uon2NZaTyIplycuUEnkwsqW%2BRPdtseA5qb0rJrZrEscIViZE0%2BisplDXe5Sn08msI5ntbDugkwjYaTVYuo4ty%2BEaLoR4CUIVRogKGcFsJBKafug7kNgDz9mzs%2B1ntr3Z2M5wsB06MEy3PS2T8gBBKRUt1Pg5Paff7bldZxLdz7jvYLF3AvnhtV1fWUmxne%2Ft5uLSOKvcRzLjWuQcimFC1Ak6enzuWM61HhkhCUhnc%2FFPr1NDE2IH60Dz0%2FCaLUOZn6UEB97jXyTBC2F9Mw8BerZeybQZzmg7Wb609hbTKJCYPZhwQNrBbLb4QVmqKYBbynKvXjTP%2BckTQBNMkY2sd%2FVvfn1GyJrd9OrBnZxh8aKigsm6C3CmqWrlowNcOtG%2B4OW60Ai2%2F9OXWraFDESzVJimOK2j6Qvf%2B73h8tu12D%2B1m3Ra50GAj%2Be7vcL3F7jjx%2FrxEW3PhXt4j0Fy%2FwXJMC6qv2zo5OZt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97">here</a>.</p>
</body></html>
```

Verificare che il sito utilizzi cipher suite deboli crittograficamente elencate qui.

Le seguenti cipher suite deboli sono supportate dal server:

ID	Nome	Versione SSL
7	TLS_RSA_WITH_IDEA_CBC_SHA	TLS 1.0

Cipher suite deboli - Attacco ROBOT: le cipher suite vulnerabili sono supportate dal server

Severità:

Media

Punteggio CVSS:

6,5

Vettore CVSS:

AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/M:X/MA:X

URL:

https://tst-secure.sistemapiemonte.it/sigas

Entità:

tst-secure.sistemapiemonte.it (Page)

Rischio:

È possibile intercettare o manipolare la sessione del cliente e i cookie, che potrebbero essere utilizzati per impersonare un utente legittimo, consentendo così all'aggressore di visualizzare o modificare i record dell'utente e di eseguire transazioni come se fosse tale utente.

Causa:

Il server Web o il server di applicazioni sono configurati in un modo non sicuro

Fix:

Modifica cipher suite supportate dal server

Differenza:

Motivazione: AppScan ha determinato che il sito utilizza cipher suite deboli creando correttamente connessioni SSL che utilizzano ciascuna della cipher suite deboli elencate qui.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:52:30 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
```

```
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBfA8E2LSJlURKCbdi5UEsG1W9IAcmiSXAlHYe%2B%2BlrSLJicqazeoLPI%2Bbmvd88zeJsIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMUJYHJWUJZO4pAVIrFUMpos5dswwergRXP0U5MqZSg1QM1x
4v5aEaQUAcQv0XyM9kpVEluWkqorIT0IMHU8BQWtGBS8VGayZUJlZJTK7uon2NzaTyIplYOUhEnkwsSpW%2BRPdtseA5qb0rJrZrEscIViZEEx0%2BispDXEx5Sn08msI5ntbDuglwrjYaTVYuo4ty%2BEaLoRMCU1VRogKGCfsjB
Kafug7kNgDz9mzs%2Blnt3Z2M5wsB0QMy3PS2T8gBBKRUt1Rg5Paff7bldZxDbz7jvYlf3AvnhtV1fWUmxne%2Ft5uLSOKvcRz2LyWuQcimFCLAk6enzuW61HhkhC0hnc%2FPr1NDE2IH60Dz0%2FCaLUOZn6UE9N97jXyTBCT2
F9Mw8BerZeybQZzmg7Mb609hbItKJCYPZhwQnRbB4QJvXmqYBbynKvXxjTP%2BckIQBWMK2sd%2FVvFNLGyJrd9OrBnZxh8aKigsm6C3CmqWrl0WnOtg%2B4QW60Ai2%2F9OXWraFDESzVJmOK2j6Qvf%2B73h8tu12D%2Blm3
Ra5OGaj%2Be7vcL3F7jjx%2FncEW3PnXt4j0Fy%2FwXJMC6qv2zo5Ozt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97
Content-Length: 1061
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173550_5d97_fgws=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97_fgws=ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97=ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBfA8E2LSJlURKCbdi5UEsG1W9IAcmiSXAlHYe%2B%2BlrSLJicqazeoLPI%2Bbmvd88zeJsIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMUJYHJWUJZO4pAVIrFUMpos5dswwergRXP0U5MqZSg1QM1x
4v5aEaQUAcQv0XyM9kpVEluWkqorIT0IMHU8BQWtGBS8VGayZUJlZJTK7uon2NzaTyIplYOUhEnkwsSpW%2BRPdtseA5qb0rJrZrEscIViZEEx0%2BispDXEx5Sn08msI5ntbDuglwrjYaTVYuo4ty%2BEaLoRMCU1VRogKGCfsjB
Kafug7kNgDz9mzs%2Blnt3Z2M5wsB0QMy3PS2T8gBBKRUt1Rg5Paff7bldZxDbz7jvYlf3AvnhtV1fWUmxne%2Ft5uLSOKvcRz2LyWuQcimFCLAk6enzuW61HhkhC0hnc%2FPr1NDE2IH60Dz0%2FCaLUOZn6UE9N97jXyTBCT2
F9Mw8BerZeybQZzmg7Mb609hbItKJCYPZhwQnRbB4QJvXmqYBbynKvXxjTP%2BckIQBWMK2sd%2FVvFNLGyJrd9OrBnZxh8aKigsm6C3CmqWrl0WnOtg%2B4QW60Ai2%2F9OXWraFDESzVJmOK2j6Qvf%2B73h8tu12D%2Blm3
Ra5OGaj%2Be7vcL3F7jjx%2FncEW3PnXt4j0Fy%2FwXJMC6qv2zo5Ozt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97">here</a>.</p>
</body></html>
```

Verificare che il sito utilizzi cipher suite deboli crittograficamente elencate qui.

Le seguenti cipher suite deboli sono supportate dal server:

ID	Nome	Versione SSL
7	TLS_RSA_WITH_IDEA_CBC_SHA	TLS 1.1
47	TLS_RSA_WITH_AES_128_CBC_SHA	TLS 1.2
53	TLS_RSA_WITH_AES_256_CBC_SHA	TLS 1.2
60	TLS_RSA_WITH_AES_128_CBC_SHA256	TLS 1.2
61	TLS_RSA_WITH_AES_256_CBC_SHA256	TLS 1.2
65	TLS_RSA_WITH_CAMELLIA_128_CBC_SHA	TLS 1.2
132	TLS_RSA_WITH_CAMELLIA_256_CBC_SHA	TLS 1.2
150	TLS_RSA_WITH_SEED_CBC_SHA	TLS 1.2
156	TLS_RSA_WITH_AES_128_GCM_SHA256	TLS 1.2
157	TLS_RSA_WITH_AES_256_GCM_SHA384	TLS 1.2
186	TLS_RSA_WITH_CAMELLIA_128_CBC_SHA256	TLS 1.2
192	TLS_RSA_WITH_CAMELLIA_256_CBC_SHA256	TLS 1.2
49232	TLS_RSA_WITH_ARIA_128_GCM_SHA256	TLS 1.2
49233	TLS_RSA_WITH_ARIA_256_GCM_SHA384	TLS 1.2
49308	TLS_RSA_WITH_AES_128_CCM	TLS 1.2
49309	TLS_RSA_WITH_AES_256_CCM	TLS 1.2
49312	TLS_RSA_WITH_AES_128_CCM_8	TLS 1.2
49313	TLS_RSA_WITH_AES_256_CCM_8	TLS 1.2

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173199_6bbc_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZBrc5pAEfEPZ%2BC8C4oiNqNlmgkpyReRMsxTV%2FTCoNuAizdXS%2F9911QTzhNa5q%2BuE8T5r8zv7ksE0GKvELzozyUIfw4gpDapchLgRrHVD%2FyEjEiqEAlKUAgmSA8Xy2RZFRQxz1kCct1bS4EcElZ6bJS
HAvGgPiJjvAWLqf6QcKpKINOuQnYRfEcOhoonoSAVhYKVEgwgISGgQKcn01a%2BxcJiUdE0fp3jIA69V3%2Bz9kx8oLedy0FeDGSWZNVZrDBka4tFDotSQ3x4MeY5fDbgSEY7256oJBz2Sg2mqi0jOdzChZBSDok0Mdfcmr%2BY6jEZ
jciYDkg6SoZ2Xx%2Bm4p8w0s22nL2XDobOgmRBH8EshS3mmutwznG7P71lrjqD9AjoPs0XddC27t%2BkzLLJb7x73dXUUCfmiuHstcQtchNOUpgt57eeLcz6QeFwoIeGt4j%2BOT%2B8TOGfbCre96cRButv7OC2PsuW%2BhZ2Afr95q
HvjearOOPMOP4qW%2FtWP1PagtK8aBv%2FgwoInZYmNsEJrReEvApbT5Kc2z3N2djKQCV09r5vv6pv4to2QNrvp1o07SM11RUU4FXUX4EITSepDR7t2on3BzVWhIWT%2F05dal1kEKvFkgRfRKU11NHUhw9079P6663YP6WbdVmsYDP
57u%2FwvcXuGen%2BvFhZS%2Btr3jRQbL%2FBUnTropg%2FbOjs7m3%2Fume%2FAA%3D%3D&RelayState=cookie%3A1743173737__adcl
Content-Length: 1063
Keep-Alive: timeout=5, max=99
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737__adcl_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737__adcl=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737__adcl_fgvars=_a7784ad4c62d18d80d4cdf3350ff6f65; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737__adcl=_a7784ad4c62d18d80d4cdf3350ff6f65; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZBrc5pAEfEPZ%2BC8C4oiNqNlmgkpyReRMsxTV%2FTCoNuAizdXS%2F9911QTzhNa5q%2BuE8T5r8zv7ksE0GKvELzozyUIfw4gpDapchLgRrHVD%2FyEjEiqEAlKUAgmSA8Xy2RZFRQxz1kCct1bS4EcElZ6bJS
HAvGgPiJjvAWLqf6QcKpKINOuQnYRfEcOhoonoSAVhYKVEgwgISGgQKcn01a%2BxcJiUdE0fp3jIA69V3%2Bz9kx8oLedy0FeDGSWZNVZrDBka4tFDotSQ3x4MeY5fDbgSEY7256oJBz2Sg2mqi0jOdzChZBSDok0Mdfcmr%2BY6jEZ
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HvjearOOPMOP4qW%2FtWP1PagtK8aBv%2FgwoInZYmNsEJrReEvApbT5Kc2z3N2djKQCV09r5vv6pv4to2QNrvp1o07SM11RUU4FXUX4EITSepDR7t2on3BzVWhIWT%2F05dal1kEKvFkgRfRKU11NHUhw9079P6663YP6WbdVmsYDP
57u%2FwvcXuGen%2BvFhZS%2Btr3jRQbL%2FBUnTropg%2FbOjs7m3%2Fume%2FAA%3D%3D&RelayState=cookie%3A1743173737__adcl">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173199_6bbc (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58CcQ%2Bw5G01kShBW6Q8KGajghdkYJUYAxtk2S%2FFU0ek7Zqp6qK%2BDRi%2Fp75zcnMBOnyCjml3Jch%2FkxBSO1U5KVZ28dUrc3mUGBFUoJIUIJEMEXaWC2QbFqp4Kyxlua45QgCX1JUuK0Vd
AMfADzSft3AxlfdSVgKzphSyIyCtOrqgnSCVBQKvKowgDSFgKChHrqp8p0tOxYVzeJGbwk6L3665Vn4j1NEpaD3BtOMLMhsc1gjSNdmyt0WpIG4nPK4%2FFaNUG4M4rYdUuK47JQaTFXhluZwDRdCRjmk0sR4rWw%2BfKrHo%2F52
mlmQZELvMB5Akoy6vEYGA%2BtYQ9SMLIyIWRwSyFJKae6bdn9jtcXt2KPopYf6fdQd%2FtC14Nqul7TlMaIm739vkIHLoaxQFhUuJG%2BDiXJ4S6LPn56fLmTSjQmcC3hre%2FfjKvjF9hrlw47teHITrjT%2F3whh771voGdjHhdd0
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z3d7hR8vMcOzePdy17Y9%2FAeg9T9FyRnu6j%2BsqGzm7f9S539Ag%3D%3D&RelayState=cookie%3A1743173737_2d53
Content-Length: 1053
Keep-Alive: timeout=5, max=98
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_2d53_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_2d53=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_2d53_fgvars=85ffd0ebdb4696ebb8346b697074eca8; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_2d53=85ffd0ebdb4696ebb8346b697074eca8; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58CcQ%2Bw5G01kShBW6Q8KGajghdkYJUYAxtk2S%2FFU0ek7Zqp6qK%2BDRi%2Fp75zcnMBOnyCjml3Jch%2FkxBSO1U5KVZ28dUrc3mUGBFUoJIUIJEMEXaWC2QbFqp4Kyxlua45QgCX1JUuK0Vd
AMfADzSft3AxlfdSVgKzphSyIyCtOrqgnSCVBQKvKowgDSFgKChHrqp8p0tOxYVzeJGbwk6L3665Vn4j1NEpaD3BtOMLMhsc1gjSNdmyt0WpIG4nPK4%2FFaNUG4M4rYdUuK47JQaTFXhluZwDRdCRjmk0sR4rWw%2BfKrHo%2F52
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At9brleRZ%2FhRvPA33Vh9DarlJnHgz8NaGK2WH4jrnERUfjzgoU0fdecFGdHlwORMNVfdENDfRvFtxGy8266zeBOUnZURFORdMFQJfUtvzvpF060b7g5qcrQELb%2F05dGtoUM%2BhmpEE1R2kRtF773rfHg27XYP6WbPbX0gwAf
z3d7hR8vMcOzePdy17Y9%2FAeg9T9FyRnu6j%2BsqGzm7f9S539Ag%3D%3D&RelayState=cookie%3A1743173737_2d53">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173199_6bbc (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuIfnpptYsaSuC1SHhSzUdULcmBIIAqmtknSb1%2BtX4qt2qjqt6Nml9nfvMwY0HKokazRu6rCH40IKR2KotKoLNjoje8QowIKLBFSbBIpgjPlgvkGBaqQZMsZYWuzYQALimrPFaJpgSogR
9oOm%2FRYqLypawEMk0pZf9A2nAwDwJJaKplKySYTFpC1EnBT24iFkdLSrNc2S1xkOk8h%2FDdYr38R7ut2yAurTeIKZLY1jhmsc69poodKtBAfux6PR6QNZHSz7YhKwmGn1GCqOnJawDVcBBn1kEot47WuBfOJngS5PRoN4ap
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L9er2DeOOFkBgZdR38PwchIcBwMPAqxgH2bFCGau0UhtBPGQFTX9qs6Jgr48DkTDrd18V1%2FF122E7LybXju4k9Q8VtaEJ9F2AU4kLZ0%2B91RLJ7oXvEIVGkH%2BFP31pZT1kwM9LhUiK0jaauvBtY11WX6%2FF%2FindtNc5DwJ8
PN%2FtEb6%2FwB07tI8FK3vh3MN7DLJ7L0iadLH9ZUOnN2%2F31zr9BQ%3D%3D&RelayState=cookie%3A1743173737_f3fe
Content-Length: 1055
Keep-Alive: timeout=5, max=97
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_f3fe_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_f3fe=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_f3fe_fgvars= cf199878c3801aa201f12af61de149bc; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_f3fe= cf199878c3801aa201f12af61de149bc; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuIfnpptYsaSuC1SHhSzUdULcmBIIAqmtknSb1%2BtX4qt2qjqt6Nml9nfvMwY0HKokazRu6rCH40IKR2KotKoLNjoje8QowIKLBFSbBIpgjPlgvkGBaqQZMsZYWuzYQALimrPFaJpgSogR
9oOm%2FRYqLypawEMk0pZf9A2nAwDwJJaKplKySYTFpC1EnBT24iFkdLSrNc2S1xkOk8h%2FDdYr38R7ut2yAurTeIKZLY1jhmsc69poodKtBAfux6PR6QNZHSz7YhKwmGn1GCqOnJawDVcBBn1kEot47WuBfOJngS5PRoN4ap
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L9er2DeOOFkBgZdR38PwchIcBwMPAqxgH2bFCGau0UhtBPGQFTX9qs6Jgr48DkTDrd18V1%2FF122E7LybXju4k9Q8VtaEJ9F2AU4kLZ0%2B91RLJ7oXvEIVGkH%2BFP31pZT1kwM9LhUiK0jaauvBtY11WX6%2FF%2FindtNc5DwJ8
PN%2FtEb6%2FwB07tI8FK3vh3MN7DLJ7L0iadLH9ZUOnN2%2F31zr9BQ%3D%3D&RelayState=cookie%3A1743173737_f3fe">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante

Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173208_e36e_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173199_6bbc_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173199_6bbc=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173199_6bbc_fgvars=_8732165262fe42a645347515739e4121; _opensaml_req_cookie%3A1743173199_6bbc=_8732165262fe42a645347515739e4121
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcSk2yyVhIpJwLLAfFbFTlggwZEkuAge089tv55LFiqzaeolPI%2Bbvmd88zeJsiQ%2FwdK92ZQg%2F9yCvcSryUuKzY2zuRk51UziKhYgsUoxmS7mGfkdQmueMpz05hKCUlXxrg81P
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m8xTlWvcVgQmWH8Vzf%2B3E%2BntQWymgT%2F7NKR3Wd5jbDCS03hzwKes%2FTdnOY5P7oCqIKx2TXtD%2FVWfNLG2Jx3060Hd1KGy4uKCIbrLsCJpqrR5Zx6UTzqgvvQkPI%2FqcvtsyDDYjzUhgA4rSqpi9873delit%2Buxf
4p3aTVQAB8CfDzf7RV%2BvM4P9SPj2h7ju7hPQbJ%2BERckw7io%2FkRk5u3%2BUJd%2FAI%3D&RelayState=cookie%3A1743173737_ch96
Content-Length: 1067
Keep-Alive: timeout=5, max=96
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_ch96_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_ch96=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_ch96_fgvars=_3eab2ca2f4286c2cd77f84a9f5462bb1; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_ch96=_3eab2ca2f4286c2cd77f84a9f5462bb1; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcSk2yyVhIpJwLLAfFbFTlggwZEkuAge089tv55LFiqzaeolPI%2Bbvmd88zeJsiQ%2FwdK92ZQg%2F9yCvcSryUuKzY2zuRk51UziKhYgsUoxmS7mGfkdQmueMpz05hKCUlXxrg81P
sCBAPxYQm8hfOauVOqkti21VrtCeLegfXjKShoxaDgpQKIKVvRks7zwYmL72yhWfZsE79OSRCH3qu%2FWno22bEk4TmonSUlt2sSZAcrrBpnGTRKozktYQnIMej0erjmQls22ptiJggq9Vg6zoy1sMLXAgbJiBVNiEr0%2FBnYzn2gCYo
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m8xTlWvcVgQmWH8Vzf%2B3E%2BntQWymgT%2F7NKR3Wd5jbDCS03hzwKes%2FTdnOY5P7oCqIKx2TXtD%2FVWfNLG2Jx3060Hd1KGy4uKCIbrLsCJpqrR5Zx6UTzqgvvQkPI%2FqcvtsyDDYjzUhgA4rSqpi9873delit%2Buxf
4p3aTVQAB8CfDzf7RV%2BvM4P9SPj2h7ju7hPQbJ%2BERckw7io%2FkRk5u3%2BUJd%2FAI%3D&RelayState=cookie%3A1743173737_ch96">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173208_e36e (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173199_6bbc_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173199_6bbc=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173199_6bbc_fgvars=_8732165262fe42a645347515739e4121; _opensaml_req_cookie%3A1743173199_6bbc=_8732165262fe42a645347515739e4121
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZBor5pAEHefPZ%2BC8C4gaWbNulAkpyReK4sxTV%2FICqNuAizdXS%2F991lQTzhNa5q%2BuE8T5r8zv7ksE0GKvELuJR/KCH4cQUjtUuS1QI1jgh95iRgRVKCSFOCQIBF2lwtK3xagQUmsZdmuUAI15SVHivFsQ
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57u%2FwrcXuGen%2BvFhZS%2Fsr3jPQXL2BBUnTrqq%2Fb0js7m3%2Fume%2FAA%3D%3D&RelayState=cookie%3A1743173737_8003
Content-Length: 1063
Keep-Alive: timeout=5, max=95
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_8003_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_8003=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_8003_fgvars= f0d73271ac49840d9eedf8027763aed4; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_8003= f0d73271ac49840d9eedf8027763aed4; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZBor5pAEHefPZ%2BC8C4gaWbNulAkpyReK4sxTV%2FICqNuAizdXS%2F991lQTzhNa5q%2BuE8T5r8zv7ksE0GKvELuJR/KCH4cQUjtUuS1QI1jgh95iRgRVKCSFOCQIBF2lwtK3xagQUmsZdmuUAI15SVHivFsQ
CoG29oOm%2FRYqoFpRwEMk0pZFdAeuRgqHgSC1JRKfgpwaDSFKJKmnpYBuivrLdsRfc2SvxeHSeS%2FBuuVb%2BID3W5ZDvJgCMHmsQ2wzWodW2u0GLJaoiPKc%2Fns1FHMtrZ9kQ14bBXajBVHTuawy1cBBn1keoT47WuBfOpnrys
bojYwv5J%2B%2BNR38rGAN1u2NnD4SeHQNZM4MiGOEJRCKlJodduyB13L6dgjuNdHgwFyht911by16z4tMLruH%2Fd2exUJ9COWw%2B61xA1w0ZSnBPrs5aVzPZN6VkgH4K3hPY5P7hPTZ9iPNohNj2G03grZp0qW771FvoEDHPTINw
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57u%2FwrcXuGen%2BvFhZS%2Fsr3jPQXL2BBUnTrqq%2Fb0js7m3%2Fume%2FAA%3D%3D&amp;RelayState=cookie%3A1743173737_8003">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173208_e36e_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173199_6bbc_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173199_6bbc=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173199_6bbc_fgvars=_8732165262fe42a645347515739e4121; _opensaml_req_cookie%3A1743173199_6bbc=_8732165262fe42a645347515739e4121
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAdhWlqJLUSiBG2R8qCrfjapekANDYgkwZ1Hv3QNSVzs1UZVL%2BvTiP175jcPM%GkKvKheS%2BjuHAYTuz1VZC9Q5pvqB14gRQQWpSQUCYQxhb71AtmGhhjPUMlbqni.cEeL27bNaHCrg
GPiRZvAaL6b6XspGINOUQg4FZAcOhoonoSINhYrVEgwfISGatKRHLJW%2BzrzJ0dA8ffFwLmBS7heBSbe0%2B2W1SD3hhDMeLsMLrjRNfmOp3WpIV4n%2FJ00h1tJROEbOdUEg47pQZT1VHQEg7hYsgph0yaGK91LZxP9TR3nckL
8ic3Gx0OCHdH2bgpAaLkGdw3E9KJsQBwlpIUsupblu207ScoT1KqP%2BQ6yLn%2BbuuRkd2faZ1Tuvd%2Fd5uLykBviRNLYUuAEuuuvkUQJ89PAwu29KOCnUEvDe8%2B%2FHJbWL6DAfxJvSDNlrXm3AexCko%2FNo4MHCIk2DpRW
GwXK%2BSwAiTdBFunFR9j1rLtnEUzt8NaGL2WH4jbNEKUYTziJU0%2B615Zc1OPgciYao%2F6uab%2Biq%2BbiPk3W767eDOUvNZ1RBOdsFOJNM9vow0C6d6F%2FwS1VoDM%2F9KWFZAD75YKqXclbTR14ZtrjVdfr8X%2BKd1s
0DsFBpjxFLdK%2BPyCd%2BzYPj6s7IV9D%2B9jkX%2FQdK0i%2BovGzq7efu%2F1Nkv&RelayState=cookie%3A1743173737_7a4b
Content-Length: 1061
Keep-Alive: timeout=5, max=94
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_7a4b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_7a4b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_7a4b_fgvars= d53f50d45c8f39d58c9faa2e0aa7e356; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_7a4b= d53f50d45c8f39d58c9faa2e0aa7e356; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAdhWlqJLUSiBG2R8qCrfjapekANDYgkwZ1Hv3QNSVzs1UZVL%2BvTiP175jcPM%GkKvKheS%2BjuHAYTuz1VZC9Q5pvqB14gRQQWpSQUCYQxhb71AtmGhhjPUMlbqni.cEeL27bNaHCrg
GPiRZvAaL6b6XspGINOUQg4FZAcOhoonoSINhYrVEgwfISGatKRHLJW%2BzrzJ0dA8ffFwLmBS7heBSbe0%2B2W1SD3hhDMeLsMLrjRNfmOp3WpIV4n%2FJ00h1tJROEbOdUEg47pQZT1VHQEg7hYsgph0yaGK91LZxP9TR3nckL
8ic3Gx0OCHdH2bgpAaLkGdw3E9KJsQBwlpIUsupblu207ScoT1KqP%2BQ6yLn%2BbuuRkd2faZ1Tuvd%2Fd5uLykBviRNLYUuAEuuuvkUQJ89PAwu29KOCnUEvDe8%2B%2FHJbWL6DAfxJvSDNlrXm3AexCko%2FNo4MHCIk2DpRW
GwXK%2BSwAiTdBFunFR9j1rLtnEUzt8NaGL2WH4jbNEKUYTziJU0%2B615Zc1OPgciYao%2F6uab%2Biq%2BbiPk3W767eDOUvNZ1RBOdsFOJNM9vow0C6d6F%2FwS1VoDM%2F9KWFZAD75YKqXclbTR14ZtrjVdfr8X%2BKd1s
0DsFBpjxFLdK%2BPyCd%2BzYPj6s7IV9D%2B9jkX%2FQdK0i%2BovGzq7efu%2F1Nkv&RelayState=cookie%3A1743173737_7a4b">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173208_e36e (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173199_6bbc_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173199_6bbc=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173199_6bbc_fgvars=_8732165262fe42a645347515739e4121; _opensaml_req_cookie%3A1743173199_6bbc=_8732165262fe42a645347515739e4121
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58Cq8QUpKs1USiBG2R8qC7japekGmniSXAlHYe%2FFYleaz7qp2gXuLtiPl75jcPM5KkLGrk79wuSuDHHqY/ImVRSXR2jM29gBAAnkklUkRtIkJhRhfz5DruWgWnDFKS9Mw5cShGK8Cng19yUIDOLA
KlWls7GSU6gMyLaVB0JdC%2FA0vEJLRmUJJKgcMULWdFezQy7TvbImZrFnevfo4zpLwNouQnvv2HdNCIA7S0puNySuHS9xahpTjc4q0kB8THk8Hq0mktX0tiU61YctVoOt69iWAg7hEsiZAKpsjJemEU3HZgaUUnfjkCEdOn2S
ewOv23e8obt2X9zhpj%2FQMin3EFVSkUgNtdkvvY7T67jDtPsJeR7qDb6bRnxt12dW5aza3u%2Ft%2BiKS6EuaXpLiSsQ8lyeFpiT5%2Beryxkl0JnAtEa3v345DYxc4LDZBUFYRny1UODZMMh8FbEl04wmk49%2BMonC8XaWhF
aTaLvr1MF48by81wHE0%2FDGht1h%2BI6zRQ1NE05gXjP40%2FKLgx0AAUTA2u6b9rr6Kr9sI%2BXK3g2ZwJ2UEvKyJYLlpApwIVa0%2BFBmXTrQvBIUuNIHn%2F%2FSLkW0gB3FeKkQook00feGb57wsv1.6L%2FVO6yVPrPAjw8X
y3V%2Fj%2BArf80Dw%2BrO2Zew%2FVMUj9f0EYjIvqLxs6wXnbv9TJLw%3D%3D&RelayState=cookie%3A1743173737_4603
Content-Length: 1055
Keep-Alive: timeout=5, max=93
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_4603_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_4603=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_4603_fgvars= eccc2f0a8c806ad575160582b2928f67; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_4603= eccc2f0a8c806ad575160582b2928f67; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58Cq8QUpKs1USiBG2R8qC7japekGmniSXAlHYe%2FFYleaz7qp2gXuLtiPl75jcPM5KkLGrk79wuSuDHHqY/ImVRSXR2jM29gBAAnkklUkRtIkJhRhfz5DruWgWnDFKS9Mw5cShGK8Cng19yUIDOLA
KlWls7GSU6gMyLaVB0JdC%2FA0vEJLRmUJJKgcMULWdFezQy7TvbImZrFnevfo4zpLwNouQnvv2HdNCIA7S0puNySuHS9xahpTjc4q0kB8THk8Hq0mktX0tiU61YctVoOt69iWAg7hEsiZAKpsjJemEU3HZgaUUnfjkCEdOn2S
ewOv23e8obt2X9zhpj%2FQMin3EFVSkUgNtdkvvY7T67jDtPsJeR7qDb6bRnxt12dW5aza3u%2Ft%2BiKS6EuaXpLiSsQ8lyeFpiT5%2Beryxkl0JnAtEa3v345DYxc4LDZBUFYRny1UODZMMh8FbEl04wmk49%2BMonC8XaWhF
aTaLvr1MF48by81wHE0%2FDGht1h%2BI6zRQ1NE05gXjP40%2FKLgx0AAUTA2u6b9rr6Kr9sI%2BXK3g2ZwJ2UEvKyJYLlpApwIVa0%2BFBmXTrQvBIUuNIHn%2F%2FSLkW0gB3FeKkQook00feGb57wsv1.6L%2FVO6yVPrPAjw8X
y3V%2Fj%2BArf80Dw%2BrO2Zew%2FVMUj9f0EYjIvqLxs6wXnbv9TJLw%3D%3D&RelayState=cookie%3A1743173737_4603">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante

Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173213_2803 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173199_6bbc_fwars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173199_6bbc=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173199_6bbc_fwars= 8732165262fe42a645347515739e4121; _opensaml_req_cookie%3A1743173199_6bbc= 8732165262fe42a645347515739e4121; _shibstate_1743173208_e36e_fwars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173208_e36e_fwars=_5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e=_5e14ffc9e42de5304115421a5587dc3d
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRNj5swE1bPu78CcQ8ksCS7VhKUErFfygffBFTlghyYJJYAU9sk2X9fQ5IWW7VR1Ut8GjGvZ575MGNBixCbi33ZQQ%2FaxBSOxv5KVDmOg1LxEjgggUkgIEkinC/mKOLKOPKs4kS1mua64QwCV1podKURFAMFAD
TeEtmk%2F0vZSVQKpPhewUSGschoonoSAVhYKVEgwqfISGqJkChO1G%2B1rISUdEseXVnmET%2Ba7Ba%2Bibe082G5SD3hhDMhEgsMLzhWdmCp2WpIH4nPJ4PBqNJKObbUdUEg47pQZT1bG1OVzCRZBRDgkOM7pwjCb6AkZWU826Z
Ph9mUwtDNI4nJA1Ht5nlbcbhIyYSoISiFJWk6Fbfcnp9u2c9x4Mn5DjIHv3QtFDGri%2B0zGi5u93bzVkkNc4DnmvEtFArVaeEujTx8eH8xk3c0ItAe8M73Z8cp2YPsV%2BtA48Pwmj1TqY%2BVQCfe8t8g0c4NhfUgHgLiLbL2D
eCQJhaztR38FGshICBtNPwqgHHzbFCUuVBtBLGQ5Tb81N8%2FZ0eNVAJez0gW5%2BgC%2FiyzZC1u6mlwzuJWPFPRXnVDRdgBNJZacPD9q5E90LXq4KjWD7P31pZPvFvIgdLhUik0iaauvDd6b8sv12K%2FVO66UPn3Anw%2FmzXV%
2FjxAnfs0Dw%2BrOy5dQwvPkj2vyBp2l1n1w2dXr3dX%2BrOFw%3D%3D&RelayState=cookie%3A1743173737_244a
Content-Length: 1049
Keep-Alive: timeout=5, max=92
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173199_6bbc_fwars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc_fwars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173737_244a_fwars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_244a=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_244a_fwars= a7243a0a6f9163da36a55eaeafb862ba7; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_244a= a7243a0a6f9163da36a55eaeafb862ba7; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRNj5swE1bPu78CcQ8ksCS7VhKUErFfygffBFTlghyYJJYAU9sk2X9fQ5IWW7VR1Ut8GjGvZ575MGNBixCbi33ZQQ%2FaxBSOxv5KVDmOg1LxEjgggUkgIEkinC/mKOLKOPKs4kS1mua64QwCV1podKURFAMFAD
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Ph9mUwtDNI4nJA1Ht5nlbcbhIyYSoISiFJWk6Fbfcnp9u2c9x4Mn5DjIHv3QtFDGri%2B0zGi5u93bzVkkNc4DnmvEtFArVaeEujTx8eH8xk3c0ItAe8M73Z8cp2YPsV%2BtA48Pwmj1TqY%2BVQCfe8t8g0c4NhfUgHgLiLbL2D
eCQJhaztR38FGshICBtNPwqgHHzbFCUuVBtBLGQ5Tb81N8%2FZ0eNVAJez0gW5%2BgC%2FiyzZC1u6mlwzuJWPFPRXnVDRdgBNJZacPD9q5E90LXq4KjWD7P31pZPvFvIgdLhUik0iaauvDd6b8sv12K%2FVO66UPn3Anw%2FmzXV%
2FjxAnfs0Dw%2BrOy5dQwvPkj2vyBp2l1n1w2dXr3dX%2BrOFw%3D%3D&RelayState=cookie%3A1743173737_244a">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L/I:L/A:N/E:U/RL:O/R:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173213_2803_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173199_6bbc_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173199_6bbc=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas;
_opensaml_req_cookie%3A1743173199_6bbc_fgvars= 8732165262fe42a645347515739e4121; _opensaml_req_cookie%3A1743173199_6bbc= 8732165262fe42a645347515739e4121;
_shibstate_1743173208_e36e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas;
_opensaml_req_cookie%3A1743173208_e36e_fgvars= 5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e= 5e14ffc9e42de5304115421a5587dc3d
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=x2Rdj5pAFIav3V9BuBcQdFsnakRbEn8oAxmt6QEY46CTB0Z1D333dA3bBNA5re0FcmHfOec7HMBGkyCvklvJQrVcZBiGlC5GArWQv7zEjEiqEALKUAgrnSLsLfhInixUcSZ2ynJdc4UALikrFVaKugOGr9pCq
%2FRYqpfpkRwEMkOpZf9WwMwDwJBakoFKyUYFBpCLElOT061FKl1p2IimbJi4vDJJPfgvXQn%2FGBrcsB3kwhGBmQ2Kb4RrHujZx6LQkdCtHLKFTyWgiGdlse6KScNgrNZicqjh3N4RougoxysKwJ8VrXgvlUT7bWcGANwXayobMb
2NssHY%2BFR0PbfobBOMuIkglRQ1AKSUo51W3LhUtp29%2FjgdDNBoh59MEXQuv7fpCy4yW%2B2Fu93V5EAn2N47B%2FQEDKLTlKYE%2Be3rqxc6kGRVgC2hnePfjk9vE9Bn2o03g%2BUKyrTFB3I8S7HuvkW%2FgAMF%2B0g0D
f7Lexd4RdMkI2DiJ%2Bh421p3gmJh%2FQDE7LD8RlihlaiIi5iHlafgmXnOT4HImGpD3TzX0VX7cRsnY3vWzWz6L5rKgpI6LpApxJKjt96GnWThQveLkgNtLd%2F2FSLke0gA94uFSIpSpto6sL3kTVefbsW%2B6d0s17nPAjw
8xy3V%2Fj%2BAvfs2Dw%2BrOyFFQ%2FMWJovYp2KXl1w2d3bzdz%2BrsFw%3D%3D&RelayState=cookie%3A1743173737_65f7
Content-Length: 1059
Keep-Alive: timeout=5, max=91
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173199_6bbc_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173737_65f7_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_65f7=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_65f7_fgvars= b4104e23d43f12bdc99654226e19dda; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_65f7= b4104e23d43f12bdc99654226e19dda; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=x2Rdj5pAFIav3V9BuBcQdFsnakRbEn8oAxmt6QEY46CTB0Z1D333dA3bBNA5re0FcmHfOec7HMBGkyCvklvJQrVcZBiGlC5GArWQv7zEjEiqEALKUAgrnSLsLfhInixUcSZ2ynJdc4UALikrFVaKugOGr9pCq
%2FRYqpfpkRwEMkOpZf9WwMwDwJBakoFKyUYFBpCLElOT061FKl1p2IimbJi4vDJJPfgvXQn%2FGBrcsB3kwhGBmQ2Kb4RrHujZx6LQkdCtHLKFTyWgiGdlse6KScNgrNZicqjh3N4RougoxysKwJ8VrXgvlUT7bWcGANwXayobMb
2NssHY%2BFR0PbfobBOMuIkglRQ1AKSUo51W3LhUtp29%2FjgdDNBoh59MEXQuv7fpCy4yW%2B2Fu93V5EAn2N47B%2FQEDKLTlKYE%2Be3rqxc6kGRVgC2hnePfjk9vE9Bn2o03g%2BUKyrTFB3I8S7HuvkW%2FgAMF%2B0g0D
f7Lexd4RdMkI2DiJ%2Bh421p3gmJh%2FQDE7LD8RlihlaiIi5iHlafgmXnOT4HImGpD3TzX0VX7cRsnY3vWzWz6L5rKgpI6LpApxJKjt96GnWThQveLkgNtLd%2F2FSLke0gA94uFSIpSpto6sL3kTVefbsW%2B6d0s17nPAjw
8xy3V%2Fj%2BAvfs2Dw%2BrOyFFQ%2FMWJovYp2KXl1w2d3bzdz%2BrsFw%3D%3D&RelayState=cookie%3A1743173737_65f7">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS: 4,7	
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173199_6bbc_fgwars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcThOyulUSiBG2R8qCYjapekAOTxBJgapsk%2B%2B1r8lixVrtVvaxPI%2Bbvmd88zFiQsqiR18h9FcPPBoTUIhMRCXR2TPSGV4gRQWqSAkCyQxhzbzFHTmGhmjPUMlboni.cEeL25bNfNC
VwDPvAM3iD5n9L2UtkG1KIfsCsoaDoeJUKElNwSVBINKU4g6LejBSZXvbNmpq3nevng4SuPgJvWtAxPv6WbDQpB7QwhmtiS2GalwmszhU4r0kJ8THk8Ho02ktHntiMqCYedUcOp6tjSAq7hYsgph0yaGK90LzN9DQbjazMstzB
0HEyMnzagQub4N453LqD%2FNmylUyIBsJKSFLJiW5btu3nL79LayGyHWR8%2FhD16Jru77QkfV/n5vAbseRQF%2BTUOpfS1wDF%2BfyleCCFPjz0ImfcjggpCdfnePfjk9vE9Ck04nXoR2kUr9hLlIhTHPivcNDgECfbwvCYLFaJo
ERJuk8XDup%2Bh61lp3iKJx9GNDY7LD8RliJpaIIZxEraPameUXBjj4HImGiD3TzXX0VX7cR8vNu%2Bu3gTLLzWwKTTxobBTIRThb60Nunehe8AtVaZb%2F%2B1LK9tCdYv8VThkKGujcQvFet5%2BeLa7J%2FSTXud80mAn893
e4XvL3DHDu3jw8qe2%2FfwPgFJ%2BRckIbuo%2FkK05u3%2B0ud%2FgI%3D&RelayState=cookie%3A1743173737_b953
Content-Length: 1053
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_b953_fgwars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_b953=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_b953_fgwars= c660c0051433ca48be5365537f51d902; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_b953= c660c0051433ca48be5365537f51d902; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcThOyulUSiBG2R8qCYjapekAOTxBJgapsk%2B%2B1r8lixVrtVvaxPI%2Bbvmd88zFiQsqiR18h9FcPPBoTUIhMRCXR2TPSGV4gRQWqSAkCyQxhzbzFHTmGhmjPUMlboni.cEeL25bNfNC
VwDPvAM3iD5n9L2UtkG1KIfsCsoaDoeJUKElNwSVBINKU4g6LejBSZXvbNmpq3nevng4SuPgJvWtAxPv6WbDQpB7QwhmtiS2GalwmszhU4r0kJ8THk8Ho02ktHntiMqCYedUcOp6tjSAq7hYsgph0yaGK90LzN9DQbjazMstzB
0HEyMnzagQub4N453LqD%2FNmylUyIBsJKSFLJiW5btu3nL79LayGyHWR8%2FhD16Jru77QkfV/n5vAbseRQF%2BTUOpfS1wDF%2BfyleCCFPjz0ImfcjggpCdfnePfjk9vE9Ck04nXoR2kUr9hLlIhTHPivcNDgECfbwvCYLFaJo
ERJuk8XDup%2Bh61lp3iKJx9GNDY7LD8RliJpaIIZxEraPameUXBjj4HImGiD3TzXX0VX7cR8vNu%2Bu3gTLLzWwKTTxobBTIRThb60Nunehe8AtVaZb%2F%2B1LK9tCdYv8VThkKGujcQvFet5%2BeLa7J%2FSTXud80mAn893
e4XvL3DHDu3jw8qe2%2FfwPgFJ%2BRckIbuo%2FkK05u3%2B0ud%2FgI%3D&RelayState=cookie%3A1743173737_b953">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante

Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/R:C/C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173213_2803 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173199_6bbc_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173199_6bbc=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas;
_opensaml_req_cookie%3A1743173199_6bbc_fgvars= 8732165262fe42a645347515739e4121; _opensaml_req_cookie%3A1743173199_6bbc= 8732165262fe42a645347515739e4121;
_shibstate_1743173208_e36e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas;
_opensaml_req_cookie%3A1743173208_e36e_fgvars=_5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e=_5e14ffc9e42de5304115421a5587dc3d
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swtMfP2U%2BBuAdYwJLUSiJRgrZIEVDMRlUvYIFUyGkwtZ1Hv30NSVZs1UzVL%2FFpxPw985uHGQtSFjXyDnJfxdJAEJq57KoBGdE%2F3AK8StoAJvPAsBZ1awt5gJ27BQzZ1kGSt0zRMDuKSs81klDiVw
DPxIMB3iL5xN9L2UtkGLKtfsCsgMfQ8WITUkaQskQCaVphB1WtCjkyfa9mpqGnevno4SuPgNwtAxPv6WbDQpB7QwhmNiS2GalwmszhU4r0k8BTHk6nYwmktHntiMgCYedUoOp6tjSAq7hYsgph0yaGK90LZxN9NqevliDzdAZDG
wrzx3WVC6xRLsyhQwQ3CVITgthJWQpJIT3bzst285fduJPL8g10XO8LuuRdd2faZVTqvnd2Fd5uLiKBviRJLL2BUhAYu2vKJUJ8%2BPFUu29yMCrUEvD08%2B%2FHJbWl6FAfxOvSDNtpX63AwWcK0%2FLc4MHCTk2DhRWGwWC2T
wAiTb6unVR9jxrlThElUzj4MaGxZW44jrnNFSUYsziBU0%2B615RcFOPgciYaI%2F6%2Ba7%2Bicq%2BbiPK7W76zeDOUwNZWRNORdMFOJN4dvzrQ0y6d6F7wClVoDnv%2F6Usj20IovF0qRDKUNdHJHw%2Bu9Wh59Vrsn9JNe53zIMDH
891e4fsL3LFj8%2Fiwsuf2BbzHIDn%2FgqRpf9VnN863Z%2FqNf&RelayState=cookie%3A1743173737_f68d
Content-Length: 1047
Keep-Alive: timeout=5, max=90
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173199_6bbc_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173737_f68d_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_f68d=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_f68d_fgvars= 27406b736620dd3eb05a08fa7ec8e7e5; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_f68d= 27406b736620dd3eb05a08fa7ec8e7e5; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swtMfP2U%2BBuAdYwJLUSiJRgrZIEVDMRlUvYIFUyGkwtZ1Hv30NSVZs1UzVL%2FFpxPw985uHGQtSFjXyDnJfxdJAEJq57KoBGdE%2F3AK8StoAJvPAsBZ1awt5gJ27BQzZ1kGSt0zRMDuKSs81klDiVw
DPxIMB3iL5xN9L2UtkGLKtfsCsgMfQ8WITUkaQskQCaVphB1WtCjkyfa9mpqGnevno4SuPgNwtAxPv6WbDQpB7QwhmNiS2GalwmszhU4r0k8BTHk6nYwmktHntiMgCYedUoOp6tjSAq7hYsgph0yaGK90LZxN9NqevliDzdAZDG
wrzx3WVC6xRLsyhQwQ3CVITgthJWQpJIT3bzst285fduJPL8g10XO8LuuRdd2faZVTqvnd2Fd5uLiKBviRJLL2BUhAYu2vKJUJ8%2BPFUu29yMCrUEvD08%2B%2FHJbWl6FAfxOvSDNtpX63AwWcK0%2FLc4MHCTk2DhRWGwWC2T
wAiTb6unVR9jxrlThElUzj4MaGxZW44jrnNFSUYsziBU0%2B615RcFOPgciYaI%2F6%2Ba7%2Bicq%2BbiPK7W76zeDOUwNZWRNORdMFOJN4dvzrQ0y6d6F7wClVoDnv%2F6Usj20IovF0qRDKUNdHJHw%2Bu9Wh59Vrsn9JNe53zIMDH
891e4fsL3LFj8%2Fiwsuf2BbzHIDn%2FgqRpf9VnN863Z%2FqNf&RelayState=cookie%3A1743173737_f68d">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L:I/L:A/NE:U/RL:O/R:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173258_16b6 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173208_e36e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas;
_opensaml_req_cookie%3A1743173208_e36e_fgvars= 5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e= 5e14ffc9e42de5304115421a5587dc3d;
_shibstate_1743173213_2803_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173213_2803=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas;
_opensaml_req_cookie%3A1743173213_2803_fgvars= 454879ab241761d6a979879bbale5508; _opensaml_req_cookie%3A1743173213_2803= 454879ab241761d6a979879bbale5508
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swMfF2U%2BBuAcILJuN1USiBG2R8qC7japekOGTxBJgajuP%2FFY1JRmVrtVvaxPI%2Bvmd88zF1QsqiRd5D7KoaFBxBS05dFJVDmOgHXiFGBBWoIiUIJHOEvUc2YaFas4ky1mha54QwCv11c8qcSiB
Y%2BBHneNrPU%2Foey1rgUxTctkdkB84GQgehJLUFEpWSTCoNIWo04IenVT5WstORU036YuHozQXsLVMjDxmY2K0DuDSGY2ZDYzrTCia7NFDqtSAPxMeXpdIKaSEY3246oJbX2Sg2mgmNLC7iGi2FD0eTSxHila%2BFsoqd5%2Fj
SyRtnz0Bpm9BwG%2BT2kAzcx6csI%2BA6oGRCHOCshCSvhoI2Zbt9y%2Bnbz8ngEblucoY%2FdC26tusLrTa02t3vbXYRCfQ1SaL%2BpcQ1cNGWpwT690GhdznjZLSoJeCd4d2PT24T06c4iNehH6RRvFgHsyBOceC%2FxoGBQ5we
Cy8Kg8vqRQnKtzc02k6nvUWHaKo3D2YUBjs8PyG2GnLooInEWsoPmb5hUfO%2FkciISJPTDn%2FVWbN1G2LS76TeD00vNZ2VNOBvNF%2BBMctnpQ0%2B7dKJ7wS9UcTFs%2F6cvrjWwLG%2BDtUiGSo7yJpi58d63R8tu12D%2B1
m%2FY655MAP5%2Fv9grfX%2B0OHZvHh5U9t%2B%2FhfQ6S8y9ImmZr%2FWDPzdv95c6%2FQU%3D&RelayState=cookie%3A1743173737_c882
Content-Length: 1069
Keep-Alive: timeout=5, max=99
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173737_c882_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_c882=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_c882_fgvars= cc6909b8707b997b1c27a1546bbae53e; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_c882= cc6909b8707b997b1c27a1546bbae53e; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swMfF2U%2BBuAcILJuN1USiBG2R8qC7japekOGTxBJgajuP%2FFY1JRmVrtVvaxPI%2Bvmd88zF1QsqiRd5D7KoaFBxBS05dFJVDmOgHXiFGBBWoIiUIJHOEvUc2YaFas4ky1mha54QwCv11c8qcSiB
Y%2BBHneNrPU%2Foey1rgUxTctkdkB84GQgehJLUFEpWSTCoNIWo04IenVT5WstORU036YuHozQXsLVMjDxmY2K0DuDSGY2ZDYzrTCia7NFDqtSAPxMeXpdIKaSEY3246oJbX2Sg2mgmNLC7iGi2FD0eTSxHila%2BFsoqd5%2Fj
SyRtnz0Bpm9BwG%2BT2kAzcx6csI%2BA6oGRCHOCshCSvhoI2Zbt9y%2Bnbz8ngEblucoY%2FdC26tusLrTa02t3vbXYRCfQ1SaL%2BpcQ1cNGWpwT690GhdznjZLSoJeCd4d2PT24T06c4iNehH6RRvFgHsyBOceC%2FxoGBQ5we
Cy8Kg8vqRQnKtzc02k6nvUWHaKo3D2YUBjs8PyG2GnLooInEWsoPmb5hUfO%2FkciISJPTDn%2FVWbN1G2LS76TeD00vNZ2VNOBvNF%2BBMctnpQ0%2B7dKJ7wS9UcTFs%2F6cvrjWwLG%2BDtUiGSo7yJpi58d63R8tu12D%2B1
m%2FY655MAP5%2Fv9grfX%2B0OHZvHh5U9t%2B%2FhfQ6S8y9ImmZr%2FWDPzdv95c6%2FQU%3D&RelayState=cookie%3A1743173737_c882">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L:H/L:A/EA:E/URL:O/R:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173258_16b6_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173208_e36e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173208_e36e_fgvars= 5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e= 5e14ffc9e42de5304115421a5587dc3d; _shibstate_1743173213_2803_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173213_2803=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173213_2803_fgvars= 454879ab241761d6a979879bbae5508; _opensaml_req_cookie%3A1743173213_2803= 454879ab241761d6a979879bbae5508
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=x2Rdj5pAFIav3V9BuBdyKkgfNaFtItiR%2BUtY1TW%2FICedEBG6M67uv%2B%2BAumGbljS9ca5000%2Bc85yPYSJIWdITIO8pDFcPPIwipncuiEghlTFUjrxAjpggpUkRIEdkhnC3nGkBMNQNWeSZazQNU8I4JKyymeV
QJbAMFA3msFrvJqjBylrgbXtCtkd4B05GQgehJLUFEPWSTCoNIWo04K%2B0anytZadipm6YuHozQXsLkKjDxgW63rAB5MITRgZkNim9EaJ7o2V%2Bi0Ig3E55Sn081oIhndbHuiKnDYKzWYqp4dLeAaLoaccsiki.fFa18L5VE9HW9
sZZ2TOoqPHsvPoJfLw5IwYazx0bWvgfKpQrwrIUklp7pt2W7fcvz2KHkeInkFzvChrk0Xdn2hVU6r%2FF3ebi8igb4mSdS%2FllgBLtrylECfPT3llmfSjAq1BLwzvPvxyWLi%2BgwH8Sb0gzSK15twHsQpDvzXODBwiJNg6UMhsF
yKsAlk3QRtpxUfY8ay05xR44%2FDWhidl%2BI6zRS1GE84gVhWvXKJgJ58DKIDVn3XzQ30VX7cR8nY3%2FWZwZ6n5rWJp6LpApxUJjt96GnWTrQv%2BIUqNlBd%2F%2FSLke0gB94uFSIZyppo6sJ3lxcqv12L%2FVO6W9a9zHg
T4el7bK%2F4gXv21jw%2BrOyFFQ%2FMWjOvYp2kX1lw2d3bzdz%2BrsFw%3D%3D&RelayState=cookie%3A1743173737_cb6c
Content-Length: 1059
Keep-Alive: timeout=5, max=89
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173737_cb6c_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_cb6c=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_cb6c_fgvars= 8b239ca7534302dd5ad7838c09752045; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_cb6c= 8b239ca7534302dd5ad7838c09752045; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=x2Rdj5pAFIav3V9BuBdyKkgfNaFtItiR%2BUtY1TW%2FICedEBG6M67uv%2B%2BAumGbljS9ca5000%2Bc85yPYSJIWdITIO8pDFcPPIwipncuiEghlTFUjrxAjpggpUkRIEdkhnC3nGkBMNQNWeSZazQNU8I4JKyymeV
QJbAMFA3msFrvJqjBylrgbXtCtkd4B05GQgehJLUFEPWSTCoNIWo04K%2B0anytZadipm6YuHozQXsLkKjDxgW63rAB5MITRgZkNim9EaJ7o2V%2Bi0Ig3E55Sn081oIhndbHuiKnDYKzWYqp4dLeAaLoaccsiki.fFa18L5VE9HW9
sZZ2TOoqPHsvPoJfLw5IwYazx0bWvgfKpQrwrIUklp7pt2W7fcvz2KHkeInkFzvChrk0Xdn2hVU6r%2FF3ebi8igb4mSdS%2FllgBLtrylECfPT3llmfSjAq1BLwzvPvxyWLi%2BgwH8Sb0gzSK15twHsQpDvzXODBwiJNg6UMhsF
yKsAlk3QRtpxUfY8ay05xR44%2FDWhidl%2BI6zRS1GE84gVhWvXKJgJ58DKIDVn3XzQ30VX7cR8nY3%2FWZwZ6n5rWJp6LpApxUJjt96GnWTrQv%2BIUqNlBd%2F%2FSLke0gB94uFSIZyppo6sJ3lxcqv12L%2FVO6W9a9zHg
T4el7bK%2F4gXv21jw%2BrOyFFQ%2FMWjOvYp2kX1lw2d3bzdz%2BrsFw%3D%3D&RelayState=cookie%3A1743173737_cb6c">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L:H/LA:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173258_16b6_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173208_e36e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173208_e36e_fgvars= 5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e= 5e14ffc9e42de5304115421a5587dc3d; _shibstate_1743173213_2803_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173213_2803=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173213_2803_fgvars= 454879ab241761d6a979879bbae5508; _opensaml_req_cookie%3A1743173213_2803= 454879ab241761d6a979879bbae5508
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swm2MfPZU%2BBuAc1LGzjJZFSgrZiEVDmRlUvnyMAksQSY2ibJfvuaPFZs1UzVL%2FFpxPw985uHGQtSFjWanXJFRfCzASG1U1lUAp0dE73hFWJEUJEqUoJAMkN4tLwg27BQz21kGSt0bSYeCE1Z5bFRNCvWDP
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fh%2BBO3ZoHx9W9sk%2Bh%2FcYJ0dFkDTovrLhk5v3u4vdfol&RelayState=cookie%3A1743173737_5e78
Content-Length: 1043
Keep-Alive: timeout=5, max=88
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173737_5e78_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_5e78=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_5e78_fgvars= edbd0be7ed538c331bfa20659990ea7a; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_5e78= edbd0be7ed538c331bfa20659990ea7a; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swm2MfPZU%2BBuAc1LGzjJZFSgrZiEVDmRlUvnyMAksQSY2ibJfvuaPFZs1UzVL%2FFpxPw985uHGQtSFjWanXJFRfCzASG1U1lUAp0dE73hFWJEUJEqUoJAMkN4tLwg27BQz21kGSt0bSYeCE1Z5bFRNCvWDP
xAM3iNFhN9L2UtkGLKIfsCsoaDoeJUKElNoWSVBINKU4g6KejBSZTvbNnJgGnevMwmET%2BS7Be%2BSbe0zRLBci9IQQzWdLbDn41rW5QqcVaSE%2BpjweJ0Ybyehm2xGvhMNOqcFudWbpAddwEeSUQyZVjNe6FswnegJ5mlspDC
F3nefMcQpbltjWZ3cOG1lAhkTjHGGggjQkLZzotnW7fCvp28%2F2F4BNyXeQMf%2BhaeG3XF1rltNrd7216EQn0NY7D%2FqxEDXBXdk8J9OnIU%2B9ypa2o0JmAd4Z3Pz65TuyfYj%2FaBJ6fhNF6E8z9RMG%2B9xr5Bg5w7C9nYeAv
16vNM4I4WQqJLHfW9ay5wG8w8DQpsdlT8Ta7RSEME8ZAVN3rRZLbcjx4FImOgD3X6x0X8X0bYT8vJte07iTLdXWl0RTOXYBTiStnT70tEsmuhe8QnUawfZ%2F%2BtLktpADPy8VlhnK2mjgwnfXGq2%2BXYv9U7ppr3MeBPh4vtsr
fh%2BBO3ZoHx9W9sk%2Bh%2FcYJ0dFkDTovrLhk5v3u4vdfol&RelayState=cookie%3A1743173737_5e78">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L:I/L:A/N/E:U/RL:O/R:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173213_2803_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173199_6bbc_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173199_6bbc=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173199_6bbc_fgvars= 8732165262fe42a645347515739e4121; _opensaml_req_cookie%3A1743173199_6bbc= 8732165262fe42a645347515739e4121; _shibstate_1743173208_e36e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173208_e36e_fgvars= 5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e= 5e14ffc9e42de5304115421a5587dc3d
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swE2MFP2U%2BBuAcSCE1q7ZEoQVukPChmo6oX5MQQWAJMb2Nkv31NHiu2aqOql%2FVpxPw985uHnQcSFjVjG3moIvJzGJauSwggS6Qmd7wCjEiGFAVKUEgmSLsrpbIMgao5kyy1BW65goEXFJWeawSTQkcAz%2FSFP6i5Uw%2FSFKLZjPsYL6AtOfggHgSSLJTKFKlwaDSFKJOCngOE%2BW7WfYiapolzy4Ok8h%2FDjZr38QHutuxAuTBEIKZLY11hhsC69pCodOKtBDvU55QJ6QNZHSz7Y1KwmGv1GCqOnJawClcBBn1kEoT442uBYuZnpDcsXdZDpPxJ2c8GjVDZ%2Bzkt0j0jmQO7azhLMiEaCCohSSVnujWmP7A71uTeDhCjoPs8Q9dC2%2F%2BkKcrjFb7x73dXUUCFY3jsH8tcQtC84pTAn3%2B9NS7nmk7KnQh4J3hPY5P7hPT59iPtoHnJ2G02QYLP0gw771EvoEDHPstNwz81WYd%2B0YQJ8tgayfge9haVoLDYFFuQFozw%2FibY3WiiJYhKyg6avmFgU7eRyThJk%2B1M039U1820bLLrvptM7S81jZU04FW0X4Exs2e1DT7t2onvBKLSHeT%2F05dWlKMq%2FLJuiKQobaQpC9%2Bdweftltuxf0c373X0BwF%2BRN%2F9F69wD07to8FK3tpPcl7GCT7X5A07ar6y4b0797uL3X%2BCW%3D%3D&RelayState=cookie%3A1743173737_363e
Content-Length: 1055
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173199_6bbc_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173737_363e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_363e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_363e_fgvars= af53bdf8e8765744f1575f33e4e8fb211; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_363e= af53bdf8e8765744f1575f33e4e8fb211; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?SAMLRequest=xZRLj5swE2MFP2U%2BBuAcSCE1q7ZEoQVukPChmo6oX5MQQWAJMb2Nkv31NHiu2aqOql%2FVpxPw985uHnQcSFjVjG3moIvJzGJauSwggS6Qmd7wCjEiGFAVKUEgmSLsrpbIMgao5kyy1BW65goEXFJWeawSTQkcAz%2FSFP6i5Uw%2FSFKLZjPsYL6AtOfggHgSSLJTKFKlwaDSFKJOCngOE%2BW7WfYiapolzy4Ok8h%2FDjZr38QHutuxAuTBEIKZLY11hhsC69pCodOKtBDvU55QJ6QNZHSz7Y1KwmGv1GCqOnJawClcBBn1kEoT442uBYuZnpDcsXdZDpPxJ2c8GjVDZ%2Bzkt0j0jmQO7azhLMiEaCCohSSVnujWmP7A71uTeDhCjoPs8Q9dC2%2F%2BkKcrjFb7x73dXUUCFY3jsH8tcQtC84pTAn3%2B9NS7nmk7KnQh4J3hPY5P7hPT59iPtoHnJ2G02QYLP0gw771EvoEDHPstNwz81WYd%2B0YQJ8tgayfge9haVoLDYFFuQFozw%2FibY3WiiJYhKyg6avmFgU7eRyThJk%2B1M039U1820bLLrvptM7S81jZU04FW0X4Exs2e1DT7t2onvBKLSHeT%2F05dWlKMq%2FLJuiKQobaQpC9%2Bdweftltuxf0c373X0BwF%2BRN%2F9F69wD07to8FK3tpPcl7GCT7X5A07ar6y4b0797uL3X%2BCW%3D%3D&RelayState=cookie%3A1743173737_363e"here">a.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173258_16b6 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173208_e36e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173208_e36e_fgvars= 5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e= 5e14ffc9e42de5304115421a5587dc3d; _shibstate_1743173213_2803_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173213_2803=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173213_2803_fgvars= 454879ab241761d6a979879bba1e5508; _opensaml_req_cookie%3A1743173213_2803= 454879ab241761d6a979879bba1e5508
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xVRNj5swEDlInfwXiHiBkyW6sJBllaIuUD4rZgOoFOTBJLAGmtkmy%2F76GJQu2agOql%2FVp5HneeFnmDhBixCbi0PZQQ%2FaxBSOxd5KVdmOo1LxEjgggUkgIEkinC7nKgbMNCfWeSpSzXNvcI4JKy0mOlqAvG
GPiRpvAaLab6QcpKINOQvYFpDUHQ8WUUCQsFKQaVphBvktPjMFG%2B1rITUdEseXFmET%2BS7Be%2BSY%2B002W5SAPhhDMoJjYZrjGsa7NFxVakobEx5Sn081oIhndbHuiKnDYKzSYqp4dzeEaLoRMckilifFa14L5VE8ypx3
FgnBjD8xOkBuRvRwtGlmI8czJlZackJkQNGSkKkEwUty3b6Vdv0cDx6R46Dh0w9dc69yfaFLRsv9fW23F5BAX%2B447F9K3AAVbXdkCM8eHnqM2LahVoGvN08%2B2FHJrWP6DPvRjvD8JlZwM2DuRwn2vdfIN3CAY3%2FphoG%
2FXK9i3wj2iZBFShom6DxvLtnAYzD80aGJ2uPzGsELrxcSKfnyym6Zvm5jk7eRyThKk%2B0M139Bv8nUJoI2tn0msadpeaxoiKcikYFOJNudnTocRlug%2B8XBuawe5%2FdGlg08iAtO0FSIrsJpp68N2xxqtrv12L%2F1G7W65xPIvj5
%2FGSb%2BL6Be3Zslg8re2Hfo%2Fc51Ib%2FQJkrnTlqi%2FT0js5ul%2BqNf&RelayState=cookie%3A1743173737_addf
Content-Length: 1053
Keep-Alive: timeout=5, max=87
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173737_addf_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_addf=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_addf_fgvars= d555e619e87ecad6a40e6069f5de872c; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_addf= d555e619e87ecad6a40e6069f5de872c; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xVRNj5swEDlInfwXiHiBkyW6sJBllaIuUD4rZgOoFOTBJLAGmtkmy%2F76GJQu2agOql%2FVp5HneeFnmDhBixCbi0PZQQ%2FaxBSOxd5KVdmOo1LxEjgggUkgIEkinC7nKgbMNCfWeSpSzXNvcI4JKy0mOlqAvG
GPiRpvAaLab6QcpKINOQvYFpDUHQ8WUUCQsFKQaVphBvktPjMFG%2B1rITUdEseXFmET%2BS7Be%2BSY%2B002W5SAPhhDMoJjYZrjGsa7NFxVakobEx5Sn081oIhndbHuiKnDYKzSYqp4dzeEaLoRMckilifFa14L5VE8ypx3
FgnBjD8xOkBuRvRwtGlmI8czJlZackJkQNGSkKkEwUty3b6Vdv0cDx6R46Dh0w9dc69yfaFLRsv9fW23F5BAX%2B447F9K3AAVbXdkCM8eHnqM2LahVoGvN08%2B2FHJrWP6DPvRjvD8JlZwM2DuRwn2vdfIN3CAY3%2FphoG%
2FXK9i3wj2iZBFShom6DxvLtnAYzD80aGJ2uPzGsELrxcSKfnyym6Zvm5jk7eRyThKk%2B0M139Bv8nUJoI2tn0msadpeaxoiKcikYFOJNudnTocRlug%2B8XBuawe5%2FdGlg08iAtO0FSIrsJpp68N2xxqtrv12L%2F1G7W65xPIvj5
%2FGSb%2BL6Be3Zslg8re2Hfo%2Fc51Ib%2FQJkrnTlqi%2FT0js5ul%2BqNf&RelayState=cookie%3A1743173737_addf"here">a.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L/I/L/A/NE:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173361_9efa_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173348_3b98_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173348_3b98=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173348_3b98_fgvars=_d314a70fld7857dcd5elbd56938b8a5f; _opensaml_req_cookie%3A1743173348_3b98=_d314a70fld7857dcd5elbd56938b8a5f
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xRb3j5pAFMeF3U9BeBcU8DZRE4pkS%2BKfMqxp%2BkIQjjoJMHrMUPfbd0DdsELmr44Tyec%2F5zz05dhyuM8K5FdiWMFwM8KuFAueVZw1DhmasUKRGNOOCriHdgSCcL2aokMrYdRgVNaKYGnuFABKGFQwte5c7w
sBNJ4C1YztSjECvHu1646HJIKgaajCcgj0sCO50EaETonJdRRk5mJH2NZUS8JGn0amM%2FCt0d%7N2cdWkwu3NQbw1zqleloci6v8Ghqiwk0iniGuJzyvP5rnrWrtHa2QyyrTMDhIneiYj3J4BYugJQwSIS08UZVvMMjYatKtKcTVKc
t70sidUHGJtDw9j3jFE%2BscYTkeO8Ac%2FgIi7ETDV6xqDm7vGCOxbaDBA5uiHqvi3dn0hRUgkw%2BPe7q4ijr6God%2B9lrgFxpvyvECdv7x0mdajwo1BKw1vMfx4%2FvE1D12g63nuJEfbUbwg0i7DpvgathD4fuyvY9d7VZ
h67mhdHS25gr%2FO7XlHf31t8GtBUB7H8RLiitaTwFj7NSPKu2F1Gzw6DWMRM7av6h%2Fommm0jpM1u0vXgJkXaF7GjPC6C3CJE9HgQ0e5dqJ9wclkoQHs%2F6cvtWwPKbBmqVCcoKSQJi98H%2FQm62%2B3Yv%2BUbt5pnScBpP
%2Fv%2Fgo%2FxoCnurihGWNb7hPQfJ%2FbckRbm%2Fk87u3%2F0ud%2FwI%3D&RelayState=cookie%3A1743173737_4be9
Content-Length: 1059
Keep-Alive: timeout=5, max=86
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_4be9_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_4be9=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_4be9_fgvars= 6973679d40b44941ee83622f128fc489; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_4be9= 6973679d40b44941ee83622f128fc489; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xRb3j5pAFMeF3U9BeBcU8DZRE4pkS%2BKfMqxp%2BkIQjjoJMHrMUPfbd0DdsELmr44Tyec%2F5zz05dhyuM8K5FdiWMFwM8KuFAueVZw1DhmasUKRGNOOCriHdgSCcL2aokMrYdRgVNaKYGnuFABKGFQwte5c7w
sBNJ4C1YztSjECvHu1646HJIKgaajCcgj0sCO50EaETonJdRRk5mJH2NZUS8JGn0amM%2FCt0d%7N2cdWkwu3NQbw1zqleloci6v8Ghqiwk0iniGuJzyvP5rnrWrtHa2QyyrTMDhIneiYj3J4BYugJQwSIS08UZVvMMjYatKtKcTVKc
t70sidUHGJtDw9j3jFE%2BscYTkeO8Ac%2FgIi7ETDV6xqDm7vGCOxbaDBA5uiHqvi3dn0hRUgkw%2BPe7q4ijr6God%2B9lrgFxpvyvECdv7x0mdajwo1BKw1vMfx4%2FvE1D12g63nuJEfbUbwg0i7DpvgathD4fuyvY9d7VZ
h67mhdHS25gr%2FO7XlHf31t8GtBUB7H8RLiitaTwFj7NSPKu2F1Gzw6DWMRM7av6h%2Fommm0jpM1u0vXgJkXaF7GjPC6C3CJE9HgQ0e5dqJ9wclkoQHs%2F6cvtWwPKbBmqVCcoKSQJi98H%2FQm62%2B3Yv%2BUbt5pnScBpP
%2Fv%2Fgo%2FxoCnurihGWNb7hPQfJ%2FbckRbm%2Fk87u3%2F0ud%2FwI%3D&RelayState=cookie%3A1743173737_4be9">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173361_9efa (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173348_3b98_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173348_3b98=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173348_3b98_fgvars=_d314a70f1d7857dcd5e1bd56938b8a5f; _opensaml_req_cookie%3A1743173348_3b98=_d314a70f1d7857dcd5e1bd56938b8a5f
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEfmFu58Cq8kKndaSSRK0BpD4rZqpoFOTAKlgBT23nst68hytqt2qjqTtQnln9nfWwE0GKvELOqe7LEH4eQEjtxOS1QI1jqh94iRgrVKCSFOOQTB21gtkG71UcSZZwnJdc4QALikrXVaQwEaZ%2FS
BN7CxVtES1kZJpSyI6A5MDIBUPEKFKSiULBSgkG1KUQV5%2FRox8rWfYsKprGrw404tb79dczr8R7ut2yHOTeEIKZNY11Bmsc6dpood0S1BCFU550J600ZLSz7YhKwmGn1GCqOjKawzVoCcN1kEgT47Wu%2BfQpHpNt1uuNBuOXYT
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gz%2Fche%2BBS7v%2BD2rJiHPjzTwOamC2W3wgrtFIU%2FjxgOU3eNSfP2cn1QCRM9Z5ufqiv4us2QtrspLsP7iwl1xU4VIUXyAzSWSrD0%2FapRPtC26uG0h%2B5%2B2B1LIMUuDNUIGSokSQpi58H3RFvt%2Buxf4p3eypdR
4E%2BHi%2B2yv8eIE7dqwFH1b2wroqH9xgk%2B1%2BQND2i%2BsuGzm7e9i919gs3D6RelayState=cookie%3A1743173737_7d60
Content-Length: 1059
Keep-Alive: timeout=5, max=85
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_7d60_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_7d60=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_7d60_fgvars= abf11758964d3cd3df83f324066fc177; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_7d60= abf11758964d3cd3df83f324066fc177; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEfmFu58Cq8kKndaSSRK0BpD4rZqpoFOTAKlgBT23nst68hytqt2qjqTtQnln9nfWwE0GKvELOqe7LEH4eQEjtxOS1QI1jqh94iRgrVKCSFOOQTB21gtkG71UcSZZwnJdc4QALikrXVaQwEaZ%2FS
BN7CxVtES1kZJpSyI6A5MDIBUPEKFKSiULBSgkG1KUQV5%2FRox8rWfYsKprGrw404tb79dczr8R7ut2yHOTeEIKZNY11Bmsc6dpood0S1BCFU550J600ZLSz7YhKwmGn1GCqOjKawzVoCcN1kEgT47Wu%2BfQpHpNt1uuNBuOXYT
%2B1k9Ros7Gd2Va%2F0comS80UjIhDuCXQpJSTnWraw06vbtjjaNeHw0GyB790LXg2q4vtExpubvf2%2B1FJNDXGAo6LxCI3wEVThnLos%2Bfnp8uZ1KNCDQFvDe9%2BfHfKmd7DXrjxXS8OwXGn3thjD33LfQM7OPIWzqB7y3Xq8
gz%2Fche%2BBS7v%2BD2rJiHPjzTwOamC2W3wgrtFIU%2FjxgOU3eNSfP2cn1QCRM9Z5ufqiv4us2QtrspLsP7iwl1xU4VIUXyAzSWSrD0%2FapRPtC26uG0h%2B5%2B2B1LIMUuDNUIGSokSQpi58H3RFvt%2Buxf4p3eypdR
4E%2BHi%2B2yv8eIE7dqwFH1b2wroqH9xgk%2B1%2BQND2i%2BsuGzm7e9i919gs3D6amp;RelayState=cookie%3A1743173737_7d60">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173361_9efa_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173348_3b98_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173348_3b98=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173348_3b98_fgvars=_d314a70f1d7857dcd5e1bd56938b8a5f; _opensaml_req_cookie%3A1743173348_3b98=_d314a70f1d7857dcd5e1bd56938b8a5f
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profiling/SAML2/Redirect/SSO?
SAMLRequest=x/RNj5swEdInfwKlHkkg2aZWEokStEXKB8vSVFWCDEwSS4QpbZLsv68hyfqt2cjqt6QnOeZv%2B%2BnQcS5B%YankoQ%2FhZg5DauchLgdrETK95iRgRVKCSFOCQIBF2VktkQNUcSZZynJdc4QALiKrXVaKugOO
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BfJylko2dI7NSe7EzPmRSu%2FHgM5kkyGdjBROiBr8UlpRyp1sDa9wf2H1rEg1HaDxG9qcFuhZc5fpCy4yW%2B%2FvaJheQQF%2BjKOhfRtwCF%2B14CqDPn5561zNtrEItA94x7359cnMn2Mw3PguFwfhZusvDDGnvsaeqb2oe
StrMD3vpt15B1%2BFC%2F9rR2r70EITWEO%2FMIHg62mh8tvDcu0Viz8RcBymr5pTp6zk8uBSJjpQ918R1%2FB122EhNlNtZHuLLWKFxRdVQqgwJmksqNDT7so0b3g5mrQEhB%2Fo0sD20EGvF0qRfKUNtXUhe%2FK%2Bw367B%2F
ajfvd6cDCD6e3%2B0Vvr%2FAPTS2jw%2BReGndo%2FCYSva%2FUNKOC%2BovGzq%2FZbu%2F1Pkv&RelayState=cookie%3A1743173737_7c79
Content-Length: 1069
Keep-Alive: timeout=5, max=98
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_7c79_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_7c79=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_7c79_fgvars=_168ced46eb3c38f4cb121f509a8be3d5; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_7c79=_168ced46eb3c38f4cb121f509a8be3d5; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profiling/SAML2/Redirect/SSO?
SAMLRequest=x/RNj5swEdInfwKlHkkg2aZWEokStEXKB8vSVFWCDEwSS4QpbZLsv68hyfqt2cjqt6QnOeZv%2B%2BnQcS5B%YankoQ%2FhZg5DauchLgdrETK95iRgRVKCSFOCQIBF2VktkQNUcSZZynJdc4QALiKrXVaKugOO
gr9pCq%2FhccqYfpKwEMk0pZf9PwHhMwD0JBakoFRyUYfBpC1HFOT3asoc1kFWLimbxi40DOPRe%2FM3aM%2FGBJgnLQR4MTzjZMLHMYIMjXVso6rQdYmPLU%2Bnk9FUMrrd9kQ14bBXaDDVHDuaw7VcCbn1kEoT442u%2BYuZHg%2
BfJylko2dI7NSe7EzPmRSu%2FHgM5kkyGdjBROiBr8UlpRyp1sDa9wf2H1rEg1HaDxG9qcFuhZc5fpCy4yW%2B%2FvaJheQQF%2BjKOhfRtwCF%2B14CqDPn5561zNtrEItA94x7359cnMn2Mw3PguFwfhZusvDDGnvsaeqb2oe
StrMD3vpt15B1%2BFC%2F9rR2r70EITWEO%2FMIHg62mh8tvDcu0Viz8RcBymr5pTp6zk8uBSJjpQ918R1%2FB122EhNlNtZHuLLWKFxRdVQqgwJmksqNDT7so0b3g5mrQEhB%2Fo0sD20EGvF0qRfKUNtXUhe%2FK%2Bw367B%2F
ajfvd6cDCD6e3%2B0Vvr%2FAPTS2jw%2BReGndo%2FCYSva%2FUNKOC%2BovGzq%2FZbu%2F1Pkv&RelayState=cookie%3A1743173737_7c79">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante

Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173361_9efa (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173348_3b98_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173348_3b98=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173348_3b98_fgvars=_d314a70f1d7857dcd5e1bd56938b8a5f; _opensaml_req_cookie%3A1743173348_3b98=_d314a70f1d7857dcd5e1bd56938b8a5f
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:37 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xRdJ5pAFIav3V9eubcElggfNaFiTtIR%2BUjY1TW%2FICBedBBgQ467uv%2B%2BAumGbljS9ca5000%2Bc85yPYSJIWdTI08pDFcPPIwipncuiEgh1TFUjrnAjggpUkRIEkhnC3nKbGQAs4kyliha54QwCVllc8q
cSyBY%2BBvNIPXeDHVD1LWApmmFLIvIDtyMFQ8CSmpkZSskmBQaQpRpwV9c1LLay07FTXN0xcPR2kcvITrVMDiA91uWQHyaJbZTbENqMLTnRtrtBpRRqIzylPp5PFRDK62fZEJeGW2owVR07Wsa1XAw55ZBJE%2B01roXzqZ7uXL
AGItp7DKLqgH7mZ9Tx2h2C5tjV0svFIyYQ4QlgUSSo51e2B7fYHt8eJdYzcl3kDH%2FoWhRt1xda5bTa3%2B%2Ft9iIS6GuSRP1LiRvgoilPCFTZ01PvcibNgFBLwDvDux%2BF3Camz3AQb0I%2FQRN4vQnnQZziwH%2BNAwOHOPmW
XhQGy%2FuqCYwSRfuxknV96ix7BRH4fzTgCZnh%2BU3whqtEEU4j1hBs3fNkwp28jkQCVPd0s0P9VW83UbI2930m8GdpeazsiaciqYlCaZ7PShp1060b3gF6rQGib%2F05dGtoMbeLtUiGQoa6KpC9%2FdwXj17Vrsn9INep3zIM
DH891e4ccl3LO35vFhZS%2Fse3iPQXL2BBUHTLqg%2Fbojs5u3%2BUme%2FAA%3D%3D&RelayState=cookie%3A1743173737_6d1d
Content-Length: 1061
Keep-Alive: timeout=5, max=96
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173737_6d1d_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173737_6d1d=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173737_6d1d_fgvars=f5e103dde8d1ed85c14957e152173c98; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173737_6d1d=f5e103dde8d1ed85c14957e152173c98; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xRdJ5pAFIav3V9eubcElggfNaFiTtIR%2BUjY1TW%2FICBedBBgQ467uv%2B%2BAumGbljS9ca5000%2Bc85yPYSJIWdTI08pDFcPPIwipncuiEgh1TFUjrnAjggpUkRIEkhnC3nKbGQAs4kyliha54QwCVllc8q
cSyBY%2BBvNIPXeDHVD1LWApmmFLIvIDtyMFQ8CSmpkZSskmBQaQpRpwV9c1LLay07FTXN0xcPR2kcvITrVMDiA91uWQHyaJbZTbENqMLTnRtrtBpRRqIzylPp5PFRDK62fZEJeGW2owVR07Wsa1XAw55ZBJE%2B01roXzqZ7uXL
AGItp7DKLqgH7mZ9Tx2h2C5tjV0svFIyYQ4QlgUSSo51e2B7fYHt8eJdYzcl3kDH%2FoWhRt1xda5bTa3%2B%2Ft9iIS6GuSRP1LiRvgoilPCFTZ01PvcibNgFBLwDvDux%2BF3Camz3AQb0I%2FQRN4vQnnQZziwH%2BNAwOHOPmW
XhQGy%2FuqCYwSRfuxknV96ix7BRH4fzTgCZnh%2BU3whqtEEU4j1hBs3fNkwp28jkQCVPd0s0P9VW83UbI2930m8GdpeazsiaciqYlCaZ7PShp1060b3gF6rQGib%2F05dGtoMbeLtUiGQoa6KpC9%2FdwXj17Vrsn9INep3zIM
DH891e4ccl3LO35vFhZS%2Fse3iPQXL2BBUHTLqg%2Fbojs5u3%2BUme%2FAA%3D%3D&RelayState=cookie%3A1743173737_6d1d">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante

Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173544_1c86 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743173521_8203_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173521_8203=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173521_8203_fgvars= e2b076c020239f0e9328c6acf83a690f; _opensaml_req_cookie%3A1743173521_8203= e2b076c020239f0e9328c6acf83a690f; _shibstate_1743173540_641d_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173540_641d=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173540_641d_fgvars= 890ec21fe101e29a520c089ec0c60c1e; _opensaml_req_cookie%3A1743173540_641d= 890ec21fe101e29a520c089ec0c60c1e
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:20 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-secure.sistemapiemonte.it/gasp_region/profile/SAML2/Redirect/SSO?SAMLRequest=xZrZj5swEMeFs58C8R6uXI2VRKIEbZFYUkGVV8QxySxBJjaJkm%2FfQ1JvzVR1VF4qcR8%2FfMow4z43GRV8iuxbEM4EdNXCiXIi85ahlztWYlojEnHJVvArYJFGF7vUKWZgCKUUFImquKzTkwQWjp0JLXBtAM7ERSeAtWc%2FuORmWRrgsu%2BhzSmoEm4wko4qpAQUsBGhE651WUk9Mgkr7WsiJekSx6tbfEBe6rt9240j6SJKE5iKPGOdUbkv3tzhUlaVEJZxQhB4MeT6ftSaS1s12iGUSBgepB1.3WsSc53MIFk4BEGqAxc3qgKt5yr0TSxBok5NcaWQR5OxdNznGwOR2NjJAEK0mkjPMavJKUuBRz1TKsUd8Y9K1PoTLEowmyjO%2Bq4t%2Fa9ZmUGSkpJ3ubXEUcfQ1Dv38tcQeMt%2BVJgpp4eelcz6wZFWoJWgd4j%2BPH94mpC%2BwG089xIz%2FY7rylG0TYdd4CV8MeDt217xvuerSjXc0Lo5W3G0Tyu99VvOR9b%2F1hQD09w%2F1bYU2ksJb%2BjQn6U%2FFznN6dhjFAuaqgerv6pv4to2QtbvnpNIO7CMWhRRUzwpsumCVRacPpeXaie4FJ5eFBrD%2Fh740sj1kwnQlQnGR0iaavPBtZEW3XZ%2FT%2FIndotc5TWJ8Pt%2F9Eb6%2FwAM9NY8PS3t1PoJ7DtlG5XAU5ar6y4Yu7t7uL3X6Cw%3D%3D&RelayState=cookie%3A1743173840_98c0
Content-Length: 1055
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173521_8203_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173521_8203=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173521_8203_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173521_8203=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173840_98c0_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173840_98c0=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173840_98c0_fgvars= 9b23b1906216476416dd119557e4e2bb; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173840_98c0= 9b23b1906216476416dd119557e4e2bb; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-secure.sistemapiemonte.it/gasp_region/profile/SAML2/Redirect/SSO?SAMLRequest=xZrZj5swEMeFs58C8R6uXI2VRKIEbZFYUkGVV8QxySxBJjaJkm%2FfQ1JvzVR1VF4qcR8%2FfMow4z43GRV8iuxbEM4EdNXCiXIi85ahlztWYlojEnHJVvArYJFGF7vUKWZgCKUUFImquKzTkwQWjp0JLXBtAM7ERSeAtWc%2FuORmWRrgsu%2BhzSmoEm4wko4qpAQUsBGhE651WUk9Mgkr7WsiJekSx6tbfEBe6rt9240j6SJKE5iKPGOdUbkv3tzhUlaVEJZxQhB4MeT6ftSaS1s12iGUSBgepB1.3WsSc53MIFk4BEGqAxc3qgKt5yr0TSxBok5NcaWQR5OxdNznGwOR2NjJAEK0mkjPMavJKUuBRz1TKsUd8Y9K1PoTLEowmyjO%2Bq4t%2Fa9ZmUGSkpJ3ubXEUcfQ1Dv38tcQeMt%2BVJgpp4eelcz6wZFWoJWgd4j%2BPH94mpC%2BwG089xIz%2FY7rylG0TYdd4CV8MeDt217xvuerSjXc0Lo5W3G0Tyu99VvOR9b%2F1hQD09w%2F1bYU2ksJb%2BjQn6U%2FFznN6dhjFAuaqgerv6pv4to2QtbvnpNIO7CMWhRRUzwpsumCVRacPpeXaie4FJ5eFBrD%2Fh740sj1kwnQlQnGR0iaavPBtZEW3XZ%2FT%2FIndotc5TWJ8Pt%2F9Eb6%2FwAM9NY8PS3t1PoJ7DtlG5XAU5ar6y4Yu7t7uL3X6Cw%3D%3D&RelayState=cookie%3A1743173840_98c0">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173544_1c86_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743173521_8203_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173521_8203_fgvars= e2b076c020239f0e9328c6acf83a690f; _opensaml_req_cookie%3A1743173521_8203= e2b076c020239f0e9328c6acf83a690f; _shibstate_1743173540_641d_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173540_641d=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173540_641d_fgvars= 890ec21fe101e29a520c089ec0c60c1e; _opensaml_req_cookie%3A1743173540_641d= 890ec21fe101e29a520c089ec0c60c1e
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:21 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private, no-store, no-cache, max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBuAcSCBtiJZEoQvukPChmo6ox5MAksQSY2s5jv31NHiu2aqOql%2FVpxPw985uHQQtSFjXyDnJfxFdZAEJq57KoBL04JvqBv4gRQWqSakCyQdxbzFhltFDNWeSZazQNU8I4JKyymeVOJTAMf
AjzeAlnk%2F0vZS1QKQphewkyA4cdBVFQklqCiWnJhUmkLJaUGPdgp8F8tKRU3z9MMDUR0HL%2BFqGZh4TzcbVoDcG0IwsyGzGfE12bK0RakQbiY8rT6WQ0kYx2th1RSTjslBpMoeWFnALFONOWTSxHila%2BFsoqcDYtt92x
0MM8dc3fx55I5cmzwPre0WMf0LEYIA4SVkKSSE93qMU63Z3ctN%2BkPkQNEV%2BHRkV3dn2hVU6r3ePebq4igb4mSdS9lrgGLi71KYE%2BDFxrgQM%2B4GFw6EPDW8B7HJ72FeJ6VmcxOvQD9Ioxq3DWRcN0Pbf48DAIU6ChReFW
KIATAIjTNJ5uLZT9T1qLcVfUTj7MKC%2WL5jbbGSOURziJW00dn84gCnXwORMJE7%2Bvnu%2Fmm0j5Jfd9JvBnaXms7ImmIqmC3AmWz1oaNd09G%2B4Beq0Bi2%2F90XRraFHPHlqRDJUNZBJxe%2B073R8tut2D%2BIm3Za55MA
P5%2Fv%2FgrEX%2B0CHZvHh5U9tx7hfQ6S%2FS9ImmZV%2FWVdp3dv%2B5c6%2FQU%3D&RelayState=cookie%3A1743173841_38c8
Content-Length: 1061
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173521_8203_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173521_8203=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173521_8203_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173521_8203=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173841_38c8_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173841_38c8=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173841_38c8_fgvars= 4a3313847c5588d698983a672ffe553c; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173841_38c8= 4a3313847c5588d698983a672ffe553c; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBuAcSCBtiJZEoQvukPChmo6ox5MAksQSY2s5jv31NHiu2aqOql%2FVpxPw985uHQQtSFjXyDnJfxFdZAEJq57KoBL04JvqBv4gRQWqSakCyQdxbzFhltFDNWeSZazQNU8I4JKyymeVOJTAMf
AjzeAlnk%2F0vZS1QKQphewkyA4cdBVFQklqCiWnJhUmkLJaUGPdgp8F8tKRU3z9MMDUR0HL%2BFqGZh4TzcbVoDcG0IwsyGzGfE12bK0RakQbiY8rT6WQ0kYx2th1RSTjslBpMoeWFnALFONOWTSxHila%2BFsoqcDYtt92x
0MM8dc3fx55I5cmzwPre0WMf0LEYIA4SVkKSSE93qMU63Z3ctN%2BkPkQNEV%2BHRkV3dn2hVU6r3ePebq4igb4mSdS9lrgGLi71KYE%2BDFxrgQM%2B4GFw6EPDW8B7HJ72FeJ6VmcxOvQD9Ioxq3DWRcN0Pbf48DAIU6ChReFW
KIATAIjTNJ5uLZT9T1qLcVfUTj7MKC%2WL5jbbGSOURziJW00dn84gCnXwORMJE7%2Bvnu%2Fmm0j5Jfd9JvBnaXms7ImmIqmC3AmWz1oaNd09G%2B4Beq0Bi2%2F90XRraFHPHlqRDJUNZBJxe%2B073R8tut2D%2BIm3Za55MA
P5%2Fv%2FgrEX%2B0CHZvHh5U9tx7hfQ6S%2FS9ImmZV%2FWVdp3dv%2B5c6%2FQU%3D&RelayState=cookie%3A1743173841_38c8">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173544_1c86_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743173521_8203_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173521_8203_fgvars=e2b076c020239f0e9328c6acf83a690f; _shibstate_1743173540_641d_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173540_641d=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173540_641d_fgvars=_890ec21fe101e29a520c089ec0c60c1e; _opensaml_req_cookie%3A1743173540_641d=_890ec21fe101e29a520c089ec0c60c1e
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:21 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRb5pARMeF3U9BeBcUpa4TNaFitReRMDapi%2BEy1EngRk6M6j99h1QNz2TmqfV008nnP%2B08zuXYSaSsqiQU8sjDeFHDUJql7KgArWouV5zilgiEFA0KUEgmSHsrFFIMgao4kyyjBW65ggBXJGXUZFQJLHwE8kg9dWnDeFUIYQnaYUsi8gqzkYKp6EMjk11IxRMiG0hajigpxGsfK11hWLiufXi40DOPRe%2F03GM%2FGRpCkrQB4NIzjZkFhmsMWRri0VogFUA%2FE%2B5f18NppIRjfbIVFJOBYUGkoVx54UoAsXQk44ZNLFeKtr%2FhKux2OYWmBFUwuG6hsIwZ5nolzg0Z7mkTPnyZKJkQNPuYuoXkuWwPL7g9Gfes5Go6RPUHw8LuuBdc2fSY0J%2FTwLfpvSTQlygK%2BtcSd8BFW54S6Iump971zJpRoZaAd4b3OH5yn5i%2BwF64810vDsLtz196Yw99zX0D0zjyFs7ge%2Btt5vIM%2FwoXm7Uay%2BB411xTjw1%2B8NDM7LL8RVmiJkPclwAgS%2FdScmBn10MiYa4PdNNFRPftHdydjfdZnAXqjmsrBJORNMfUCSZ7PSHp1070b3gFrqQEeb%2F05dGtocoelTUKM1Q1kRTF77Zg%2Bnm663YP6Vb9DmgwA%2Fnu%2F2BCT9e4IGdnehlb2yhuF9DNL0XSA07ar6y4Yu7t7uL3X0cW%3D%3D&RelayState=cookie%3A1743173841_6575
Content-Length: 1057
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173521_8203_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173521_8203=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173521_8203_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173521_8203=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173841_6575_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173841_6575=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173841_6575_fgvars=4e92e59b2e1b44570ddc4d5e3fe7b867; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173841_6575=4e92e59b2e1b44570ddc4d5e3fe7b867; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRb5pARMeF3U9BeBcUpa4TNaFitReRMDapi%2BEy1EngRk6M6j99h1QNz2TmqfV008nnP%2B08zuXYSaSsqiQU8sjDeFHDUJql7KgArWouV5zilgiEFA0KUEgmSHsrFFIMgao4kyyjBW65ggBXJGXUZFQJLHwE8kg9dWnDeFUIYQnaYUsi8gqzkYKp6EMjk11IxRMiG0hajigpxGsfK11hWLiufXi40DOPRe%2F03GM%2FGRpCkrQB4NIzjZkFhmsMWRri0VogFUA%2FE%2B5f18NppIRjfbIVFJOBYUGkoVx54UoAsXQk44ZNLFeKtr%2FhKux2OYWmBFUwuG6hsIwZ5nolzg0Z7mkTPnyZKJkQNPuYuoXkuWwPL7g9Gfes5Go6RPUHw8LuuBdc2fSY0J%2FTwLfpvSTQlygK%2BtcSd8BFW54S6Iump971zJpRoZaAd4b3OH5yn5i%2BwF64810vDsLtz196Yw99zX0D0zjyFs7ge%2Btt5vIM%2FwoXm7Uay%2BB411xTjw1%2B8NDM7LL8RVmiJkPclwAgS%2FdScmBn10MiYa4PdNNFRPftHdydjfdZnAXqjmsrBJORNMfUCSZ7PSHp1070b3gFrqQEeb%2F05dGtocoelTUKM1Q1kRTF77Zg%2Bnm663YP6Vb9DmgwA%2Fnu%2F2BCT9e4IGdnehlb2yhuF9DNL0XSA07ar6y4Yu7t7uL3X0cW%3D%3D&RelayState=cookie%3A1743173841_6575">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/R:C/C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173544_1c86 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743173521_8203_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173521_8203=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173521_8203_fgvars=e2b076c020239f0e9328c6acf83a690f; _opensaml_req_cookie%3A1743173521_8203=e2b076c020239f0e9328c6acf83a690f; _shibstate_1743173540_641d_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173540_641d=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173540_641d_fgvars=_890ec21fe101e29a520c089ec0c60c1e; _opensaml_req_cookie%3A1743173540_641d=_890ec21fe101e29a520c089ec0c60c1e
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:21 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBuAcIbLJZK41ECdoi5UEXG1W9IAeGxBjgapsk%2B%2B1r81ixvRtVvaxPI%2Bvmd88zESQsqiR28h9FCHPB0IUIhVRCR2TFWgV4gRQWqSAkCyRRhd71AtmGhmjPUUlboniSEcEL25bFRNC
VwDPxU3iNF1N9L2UtkG1KI fs00aDoeJUKElN6WSVBINU4g6kejBSZTvbNnJgQnWvLg4TCL%2FJivfBPv6XbLQpB7QwmtiS2Ga5xRGtzhU4r0kJ8THk8Ho02ktHntiMgCYedUoQp6shpAddwEWSUQypNjNe6FsynemInlyDgdEB
ienvOBvUHIhtPR71jW4%2BZYztzJROigaASKlRyqtuWfexbTt8ex4NHNbxC9uChroXdn2hVuar3f3ebi8igb7Godi%2F1LgBLs71KYE%2Be3joxC6kHRU6E%2FD0807HJ7eJ6TPsR5va85Mwm%2BQUR812PdeI9%2FAAY79pRsG
%2Fk9in0jiJNFsHES9T1sLTVBYTD%2FMKCJZWH5jBEGOURZENW0PRNC4uCHT0ORMJUH%2Bjmu%2Focqvm4jZofdnRnBnaTmsbImmIq2C3Aigez0oaddOtG94BWq0Ajy%2F%2B1LK8shA35eKkRS1IbR1IXvQ%2Bt59e1a7J%2FSzX
qd80mAn893e4XvL3DHDu3jw8pe2PfwPgFj%2BRckIbuo%2FkRns5u3%2B0ud%2FQI%3D&RelayState=cookie%3A1743173841_2797
Content-Length: 1061
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173521_8203_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173521_8203=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173521_8203_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173521_8203=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173841_2797_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173841_2797=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173841_2797_fgvars=_01a8c8aed79f12bc660fc6f3204d3238; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173841_2797=_01a8c8aed79f12bc660fc6f3204d3238; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBuAcIbLJZK41ECdoi5UEXG1W9IAeGxBjgapsk%2B%2B1r81ixvRtVvaxPI%2Bvmd88zESQsqiR28h9FCHPB0IUIhVRCR2TFWgV4gRQWqSAkCyRRhd71AtmGhmjPUUlboniSEcEL25bFRNC
VwDPxU3iNF1N9L2UtkG1KI fs00aDoeJUKElN6WSVBINU4g6kejBSZTvbNnJgQnWvLg4TCL%2FJivfBPv6XbLQpB7QwmtiS2Ga5xRGtzhU4r0kJ8THk8Ho02ktHntiMgCYedUoQp6shpAddwEWSUQypNjNe6FsynemInlyDgdEB
ienvOBvUHIhtPR71jW4%2BZYztzJROigaASKlRyqtuWfexbTt8ex4NHNbxC9uChroXdn2hVuar3f3ebi8igb7Godi%2F1LgBLs71KYE%2Be3joxC6kHRU6E%2FD0807HJ7eJ6TPsR5va85Mwm%2BQUR812PdeI9%2FAAY79pRsG
%2Fk9in0jiJNFsHES9T1sLTVBYTD%2FMKCJZWH5jBEGOURZENW0PRNC4uCHT0ORMJUH%2Bjmu%2Focqvm4jZofdnRnBnaTmsbImmIq2C3Aigez0oaddOtG94BWq0Ajy%2F%2B1LK8shA35eKkRS1IbR1IXvQ%2Bt59e1a7J%2FSzX
qd80mAn893e4XvL3DHDu3jw8pe2PfwPgFj%2BRckIbuo%2FkRns5u3%2B0ud%2FQI%3D&RelayState=cookie%3A1743173841_2797">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173550_5d97_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:22 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xRdj5pAFTav3V9BuBcQtNaJmAKwI%2F%0DapjkdKhKNOAgYdGdt99x1QN2zTmqY301cnnHfOec7HMBWkyCvk1vJYRvCzBiG1S5GArWQmV7zeEjEiqFALKUAgnSLsrpbINixJcSZZynJdc4UALikrPvaKugOcgZ9o
Ci%2FRCqYfpawEMk0pZf9PwWmWdWJBakoFKyUYTFpC1EL0T05iFk1lp2TImbJs4vDJPFkg83a%2FGR/nYsB3k0hGBmQ2Kb4QbHurZQ6LQkdCt71Ofz2WgiGd1sB6KScDgoNZicqjj3N4RYugoxysf9U8UbXgsVMT9Jh5uwH4%2BGn
PQzI2AZLDG0HrN0wSyeMlEYiW0SiFUKWe6bdmrvuX07c%2F%YThGY2TbP3QvtLXrCy0zWh4e93Z3Fqn0N7D%2F%ZELXDRlqcE%2Bvzpgkc902ZUgCgXneE9jk%2Fue9Pn2I%2B2gecnYbTZBgs%2FSrDvvUS%2BgQM%2Bys3DP
zVZh37RhAny2DrJOp72Fh2gsNg8W5AU7PD8hthhdaKI1iELKfpq%2BbmOTt7HIiEmT7QzTf1T%zbRsja3fSawV2k5rGiIpyKpgtwLans9K3nXtVrveDLqtAI9v%2FT10a2hwx4u1SiPChcoqkL30fWZP3tVuyf0s17nfNBgB%2FPd3
%2BBy%2FwE7N48PFKxtqP8D4GyfkXJE27q6yoF07t%2FTLnF8C&RelayState=cookie%3A1743173842_8f68
Content-Length: 1045
Keep-Alive: timeout=5, max=79
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173842_8f68_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173842_8f68=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173842_8f68_fgvars= c4d3f1746fela72e46f423e0b4dc9039; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173842_8f68= c4d3f1746fela72e46f423e0b4dc9039; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xRdj5pAFTav3V9BuBcQtNaJmAKwI%2F%0DapjkdKhKNOAgYdGdt99x1QN2zTmqY301cnnHfOec7HMBWkyCvk1vJYRvCzBiG1S5GArWQmV7zeEjEiqFALKUAgnSLsrpbINixJcSZZynJdc4UALikrPvaKugOcgZ9o
Ci%2FRCqYfpawEMk0pZf9PwWmWdWJBakoFKyUYTFpC1EL0T05iFk1lp2TImbJs4vDJPFkg83a%2FGR/nYsB3k0hGBmQ2Kb4QbHurZQ6LQkdCt71Ofz2WgiGd1sB6KScDgoNZicqjj3N4RYugoxysf9U8UbXgsVMT9Jh5uwH4%2BGn
PQzI2AZLDG0HrN0wSyeMlEYiW0SiFUKWe6bdmrvuX07c%2F%YThGY2TbP3QvtLXrCy0zWh4e93Z3Fqn0N7D%2F%ZELXDRlqcE%2Bvzpgkc902ZUgCgXneE9jk%2Fue9Pn2I%2B2gecnYbTZBgs%2FSrDvvUS%2BgQM%2Bys3DP
zVZh37RhAny2DrJOp72Fh2gsNg8W5AU7PD8hthhdaKI1iELKfpq%2BbmOTt7HIiEmT7QzTf1T%zbRsja3fSawV2k5rGiIpyKpgtwLans9K3nXtVrveDLqtAI9v%2FT10a2hwx4u1SiPChcoqkL30fWZP3tVuyf0s17nfNBgB%2FPd3
%2BBy%2FwE7N48PFKxtqP8D4GyfkXJE27q6yoF07t%2FTLnF8C&RelayState=cookie%3A1743173842_8f68">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173550_5d97 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:22 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZBrc5pAEfEPZ%2BC8C5XjXajJhTUKYkXynJM0xfCzdRNgfW7i9pv3wX1hN0OpumL%2BzRh%2Fjvzm8sy401Z1MnpXLEK4UcDXCiXsqg46hxztWbVogknHEFVJCRyJDGFvUkVZgCaUUEzWgiKwzkwQWj10oo3JTAM
7BQyeAtXc%2FUoR%2RrgsuhyhhoEm4wkok5pASSsBGhE653vckJmDS19nWTGvSR6%2FOjiIQ%2B%2FV3248HR9JmtICxHFjnOotiaUfHkypylKiKypIT6mPU%2FwhtJ62c7JDIJg4NUgy7r2JMduFCyAmDTQgYb1XFX87VeQpP
0szQpggMUjM3Ut00s1E%2BtkZgmtZ4kkoZ5w34FRdJJeagZVjjwEPrWlkjtb4gizru60Et3Z9JUVogsPj3qZGEUdfogIXkvo2eNdeVkgLl5eBtcza0eF0gJLW397j%2BML9YuoCe%2BHod704CLc7F%2BmFmfboct9DTsI8jb%2B0E
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6JOnAT6F7%2F4K31%2FggZ7ax4elvbIe4T0Hyf4XJEW5q6yoYu7t%2F9LXfwC&RelayState=cookie%3A1743173842_0205
Content-Length: 1055
Keep-Alive: timeout=5, max=95
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173842_0205_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173842_0205=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173842_0205_fgvars=_837bc3c80e4bld0b113c4d524e11257b; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173842_0205=_837bc3c80e4bld0b113c4d524e11257b; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
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<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZBrc5pAEfEPZ%2BC8C5XjXajJhTUKYkXynJM0xfCzdRNgfW7i9pv3wX1hN0OpumL%2BzRh%2Fjvzm8sy401Z1MnpXLEK4UcDXCiXsqg46hxztWbVogknHEFVJCRyJDGFvUkVZgCaUUEzWgiKwzkwQWj10oo3JTAM
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6JOnAT6F7%2F4K31%2FggZ7ax4elvbIe4T0Hyf4XJEW5q6yoYu7t%2F9LXfwC&RelayState=cookie%3A1743173842_0205">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173568_96a6 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173550_5d97_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173550_5d97_fgvars=_ac653ec187d42b5d11bb1298f92e9cf0; _opensaml_req_cookie%3A1743173550_5d97=_ac653ec187d42b5d11bb1298f92e9cf0
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:22 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj9owEMfP7KeIcIEBsCxxgAVIAom0kHmcRUVvXEGSjTEgW0e2B%2B3rBfhLqZvveDIKPP3zG8ezliSPQureID7IoKfB5DKoodZIVHtmJghUSBOJJoIDLIpCjC7mKOHKuDSsEvPzwzDVdKEIrxwuOFFOQgMI
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F2Cj9e4I4fq8eHtT137uE9Bq3l0iGcVH9ZUOnN2%2Fz1zr9BQ%3D%3D&RelayState=cookie%3A1743173842_21ab
Content-Length: 1049
Keep-Alive: timeout=5, max=89
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173842_21ab_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173842_21ab=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173842_21ab_fgvars= 96119acdddfbb7dc03c286e7c2ae8ef4; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173842_21ab= 96119acdddfbb7dc03c286e7c2ae8ef4; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj9owEMfP7KeIcIEBsCxxgAVIAom0kHmcRUVvXEGSjTEgW0e2B%2B3rBfhLqZvveDIKPP3zG8ezliSPQureID7IoKfB5DKoodZIVHtmJghUSBOJJoIDLIpCjC7mKOHKuDSsEvPzwzDVdKEIrxwuOFFOQgMI
gjo%2FAWzSfmXqLSIttWUrU10IMAS8dTkJOSQc4LBRZTtpRlkrFjL9G%2B2nISMbI0eXVamET%2Ba7Ba%2Bjbes82GZ6D2lpTcrkgc01zh2DRmQp0VpIL4nPJ0011VJRuZbUd0EgE7rQZb17F1GVzDRZAyAVTZGK9MI5hNzGT00u20
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F2Cj9e4I4fq8eHtT137uE9Bq3l0iGcVH9ZUOnN2%2Fz1zr9BQ%3D%3D&RelayState=cookie%3A1743173842_21ab">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173550_5d97_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:22 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcSkzRcK4mUErRFyoNiNp6QQ4MiSXA1HyE%2B%2B1rSLJicqageolPT%2Bbvmd88zfJiSIq%2Fw7KD2ZQg%2FDyCvcS7yUuLQMTEPosScSiZxSQuQWCWzJYLjKwergRXPOG5acykBEKEYL1
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20z0vAH893e4XvL3Dhj%2FXjI9peoHt4j0Fy%2FgXJMC6qvZzo90Zt%2F1KrvwA%3D&amp;RelayState=cookie%3A1743173842_bd85
Content-Length: 1059
Keep-Alive: timeout=5, max=88
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173842_bd85_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173842_bd85=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173842_bd85_fgvars= ald2f053af1b9c473db2a4b2df347156; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173842_bd85= ald2f053af1b9c473db2a4b2df347156; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcSkzRcK4mUErRFyoNiNp6QQ4MiSXA1HyE%2B%2B1rSLJicqageolPT%2Bbvmd88zfJiSIq%2Fw7KD2ZQg%2FDyCvcS7yUuLQMTEPosScSiZxSQuQWCWzJYLjKwergRXPOG5acykBEKEYL1
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P0VZb%2BjQr199TgYj9J0i0tiinM4G%2F7wk5ZJeQC%2FIqIqWmKiHnp2e04XF776AzwoYfR%2BmEZWbdckVgas3N3v7FYikvhrFAXdS4kbELIPtWm6cNT53LG9ahwQyBaw7sfm94mZk6JF25814uCdL3x514YE899DT2L%2BCTy
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20z0vAH893e4XvL3Dhj%2FXjI9peoHt4j0Fy%2FgXJMC6qvZzo90Zt%2F1KrvwA%3D&amp;RelayState=cookie%3A1743173842_bd85">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173550_5d97 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:22 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRNj5swEtbP2V%2BBuAeC2Si7VhIpJwIlLA%2BK2ajgBTkwSSwBorbbZZP99DUlMbMGVS%2FxacS8nnnmw4wLLfIKz2p1KCP4WYNuxqnIS41bx8SsRyK51UzikhYgsUoxmS0XGfKdXAmueMpz05hJCUIxXnq81HUB
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z3d9hR8vcM%2FfmsdHtLlAt%2FDug%2BT%2BC5JhNFV%2F2dLp1dv9pU5%2FAQ%3D%3D&RelayState=cookie%3A1743173842_a186
Content-Length: 1061
Keep-Alive: timeout=5, max=77
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173842_a186_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173842_a186=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173842_a186_fgvars=1fled98c2732b42b521a3bc2133a7127; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173842_a186=_1fled98c2732b42b521a3bc2133a7127; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
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<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRNj5swEtbP2V%2BBuAeC2Si7VhIpJwIlLA%2BK2ajgBTkwSSwBorbbZZP99DUlMbMGVS%2FxacS8nnnmw4wLLfIKz2p1KCP4WYNuxqnIS41bx8SsRyK51UzikhYgsUoxmS0XGfKdXAmueMpz05hJCUIxXnq81HUB
gcB4Yym8RouJeVCqkti21VR9CkwtwNLxFS0YLDwUcHfLC1lleTszU20r7VQIiuWJS8zEiar%2FdkSv75NDmy75TmogyUlltxsSZIdrEpuVGKQzkjYQn1Mej0eriWRLs%2B2pTiJgr9Vg6zp2LIdLuAgyJiBvNiFt0wjmEznbdg5kz0
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z3d9hR8vcM%2FfmsdHtLlAt%2FDug%2BT%2BC5JhNFV%2F2dLp1dv9pU5%2FAQ%3D%3D&RelayState=cookie%3A1743173842_a186">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173558_96a6_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173550_5d97_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173550_5d97_fgvars=_ac653ec187d42b5d11bb1298f92e9cf0; _opensaml_req_cookie%3A1743173550_5d97=_ac653ec187d42b5d11bb1298f92e9cf0
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:22 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xRZrj5swEMefs58C8R5InBMriZQstEXKqTEBvX1BDkwSS4Qp7Rz77WtynNiGjaq2BxE8j5u%2BZ3xmJGneLXh6UPsihJ8HkMo451kh8cUxVg%2BwJxKJnFbc5BYJzhMF3CMrBYuBvc84ZlpTKUEoRgvXF7IQw6C
gDiYBN7C%2Bdjck1VRdNtKqpaE5CDA0vEU5IRkkPNCgcWULWUZZ%2BzYibXvYqFY1iYnX6ckiEPv1V8tPzvs2WbDMLB7S0puVvYtID1Yk4Mo2ZRmcFrSA%2BpzydT1YVvaypn21GdRME0q8HwWbKzBrdwIaRMQKJsQlam4c%2FGZtzvOx
0n6XVR20npIB04G9QdIDeDPtspncRjEtZKA%2FiFVLRQYx01UK%2FZ6jTRM3p3dW%2BAEfphGsGtXV9YkboJi97i3m6tI4q9RFDsvJa5ByEt5WmBOX14a1z0QroUvBKI2vMfx6X1i5oR44dp3vTgIV2t%2F5oUx8dy30LOITyJvMQ18
b7FaRp71R%2FHCx3di%2FT2oLBSTwJ99GtD1rrH8RLjipabwZwHEWPJuTLQmnlwBVMHfYbJv2h%2Fommm0jpuJfddKvBnZxh8rykgsmgC3OmIarIcWfFcO1G%2F4Ga60BC2%2F9OXsraFFMRlqfTBncFJF0xe%2B91rO8tut2D%2BImzRq
50mAz%2Be7v8KPF7jjx%2BrcEW3P0S085yB1%2FgXUMK6qv2zo506t%2F1InwA%3D&RelayState=cookie%3A1743173842_43a9
Content-Length: 1059
Keep-Alive: timeout=5, max=94
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173842_43a9_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173842_43a9=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173842_43a9_fgvars= 66939c54219da7d79b24788762bf9c9c; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173842_43a9= 66939c54219da7d79b24788762bf9c9c; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xRZrj5swEMefs58C8R5InBMriZQstEXKqTEBvX1BDkwSS4Qp7Rz77WtynNiGjaq2BxE8j5u%2BZ3xmJGneLXh6UPsihJ8HkMo451kh8cUxVg%2BwJxKJnFbc5BYJzhMF3CMrBYuBvc84ZlpTKUEoRgvXF7IQw6C
gDiYBN7C%2Bdjck1VRdNtKqpaE5CDA0vEU5IRkkPNCgcWULWUZZ%2BzYibXvYqFY1iYnX6ckiEPv1V8tPzvs2WbDMLB7S0puVvYtID1Yk4Mo2ZRmcFrSA%2BpzydT1YVvaypn21GdRME0q8HwWbKzBrdwIaRMQKJsQlam4c%2FGZtzvOx
0n6XVR20npIB04G9QdIDeDPtspncRjEtZKA%2FiFVLRQYx01UK%2FZ6jTRM3p3dW%2BAEfphGsGtXV9YkboJi97i3m6tI4q9RFDsvJa5ByEt5WmBOX14a1z0QroUvBKI2vMfx6X1i5oR44dp3vTgIV2t%2F5oUx8dy30LOITyJvMQ18
b7FaRp71R%2FHCx3di%2FT2oLBSTwJ99GtD1rrH8RLjipabwZwHEWPJuTLQmnlwBVMHfYbJv2h%2Fommm0jpuJfddKvBnZxh8rykgsmgC3OmIarIcWfFcO1G%2F4Ga60BC2%2F9OXsraFFMRlqfTBncFJF0xe%2B91rO8tut2D%2BImzRq
50mAz%2Be7v8KPF7jjx%2BrcEW3P0S085yB1%2FgXUMK6qv2zo506t%2F1InwA%3D&RelayState=cookie%3A1743173842_43a9">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743173568_96a6_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173550_5d97_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173550_5d97_fgvars=_ac653ec187d42b5d11bb1298f92e9cf0; _opensaml_req_cookie%3A1743173550_5d97=_ac653ec187d42b5d11bb1298f92e9cf0
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:22 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58CcQ8QmGsiJRgrZiEVDMRlUvvyIFUJgkwtZ3HfvaupFZs1UzVL%2FFpxPw985uHGQlSFjXy9nJ6cfBzD0Jqp7KoBDo7xvqgV4gRQQWgSakCyQxhzbz5DtmGmmjPUMlbcnrcEeElZ5bnK7EvvgGPiB
ZvAwz8b6TspaINOUqnYEZHSchoonoSQ1hZJVEgwqfISHgtKAHJIW%2Bs2WnocZ5%2BurhKI2D13C5CEy8o%2Bs1K0DuDOGY2ZDYzrTEia5NFtqtSAPx0eXedSaSEY725aoJBy2Sg2mqmNDC7iGiYqNHDJpYrzUtXA61tNhn%2BS9vL
%2BwMiFW9bGHdgvXdcwqDvclMqkZkQewgrIUkIx7pt2W7Hcjr2S9LItIXeAbPuHrk0Xdn2hVU6r7f3eri8igb4mSdS51LgCLs71KYFE%2BeX5%2BupxRMyp0JuCt4d2PT24T0yc4iFehH6RRvFyF0yBOceC%2FXYGBQ5wEcy8Kg%2F
1ykQRGnKSczOWk6mvUWHaKo3D6aUAjs8XyG2GNFocinEasolNm75hUFO%2FociISx3tXND%2FVWfNlGyM%2B76TeD00nNZ2VNOBVNF%2BBEMtnqW5N26UT7g1%2BoQmPY%2FE9fGtKGuDnpUIkQ1kTtV347LrDxbdrsX9KN3lqnQcB
Pp7v9go%2FxaCWHZrzh5U9s%2B%2FhRQb%2BERckTbuo%2FkHk5u3%2FUud%2FAI%3DgRelayState=cookie%3A1743173842_b6ff
Content-Length: 1061
Keep-Alive: timeout=5, max=78
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173842_b6ff_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173842_b6ff=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173842_b6ff_fgvars= 96ad4d6f0c3d600f57281559e7631e34; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173842_b6ff= 96ad4d6f0c3d600f57281559e7631e34; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58CcQ8QmGsiJRgrZiEVDMRlUvvyIFUJgkwtZ3HfvaupFZs1UzVL%2FFpxPw985uHGQlSFjXy9nJ6cfBzD0Jqp7KoBDo7xvqgV4gRQQWgSakCyQxhzbz5DtmGmmjPUMlbcnrcEeElZ5bnK7EvvgGPiB
ZvAwz8b6TspaINOUqnYEZHSchoonoSQ1hZJVEgwqfISHgtKAHJIW%2Bs2WnocZ5%2BurhKI2D13C5CEy8o%2Bs1K0DuDOGY2ZDYzrTEia5NFtqtSAPx0eXedSaSEY725aoJBy2Sg2mqmNDC7iGiYqNHDJpYrzUtXA61tNhn%2BS9vL
%2BwMiFW9bGHdgvXdcwqDvclMqkZkQewgrIUkIx7pt2W7Hcjr2S9LItIXeAbPuHrk0Xdn2hVU6r7f3eri8igb4mSdS51LgCLs71KYFE%2BeX5%2BupxRMyp0JuCt4d2PT24T0yc4iFehH6RRvFyF0yBOceC%2FXYGBQ5wEcy8Kg%2F
1ykQRGnKSczOWk6mvUWHaKo3D6aUAjs8XyG2GNFocinEasolNm75hUFO%2FociISx3tXND%2FVWfNlGyM%2B76TeD00nNZ2VNOBVNF%2BBEMtnqW5N26UT7g1%2BoQmPY%2FE9fGtKGuDnpUIkQ1kTtV347LrDxbdrsX9KN3lqnQcB
Pp7v9go%2FxaCWHZrzh5U9s%2B%2FhRQb%2BERckTbuo%2FkHk5u3%2FUud%2FAI%3Dgamp;RelayState=cookie%3A1743173842_b6ff">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743173568_96a6 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173550_5d97_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173550_5d97_fgvars=_ac653ec187d42b5d11bb1298f92e9cf0; _opensaml_req_cookie%3A1743173550_5d97=_ac653ec187d42b5d11bb1298f92e9cf0
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:57:22 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRNj5swEIBzP%2BBAuAcSErSNlUSiBGZr8kExG1W9IAeGxBLyLHY26b%2BvIcmKrdqp6iU%2BjZjwM898mKkkVkcj76gOLiYfR5DKOfclK6hlzMyjYIgtSSVipAKJVIAwtloixoggWnDFMl6ahiclCEU58zmTswoeBvFGMB3iN1zPzoFQtKw0rqfoSsqMAS8dIUUGaQsWZAosqW8o6LenbKwW%2B1nJSwMBffFwLmBS7hZBzY%2B0N2016A01pTcbkgco9rpxdQWQp0y0k88THk6nawmktXNtic61YC9VoOt6yhoCddwMeRUQKZsjDemES5m2poTN8vG%2BXDius9jyCdFFhmBO3bzgrhukblajUURQiYVWpmOgPH7Q9GfedIMwvj9xk5znfTiK7t%2BkoZTtn%2Bfm93F5FEX5Ik619K3IKQbXLaYM6fnngQM21GhVoC0Rne%2FFjknjFzjoN4G%2FpBGswbbogI4hQh%2FhscWdjESoDyojBYbdZJYIVJugy3o1R%2FjxrLSXEULj4MaQp3WH4jznFauU4SLiJc0%2B214Zc1PvgCiYGYOTftdfrVftxdYdjf9ZnBnZfi8qmgusukOnBmOn3oGzdOdC%2F4pG40hu7%2F%2BtLICshBtBuFSIayJpq%2B8M0dTNZfr8X%2BKd281zkPArw83%2B0Vz%2FAP9rHh%2FW9tK5h%2FcYpNG%2FIBnGRfW0DZ3fvN1f6wX&RelayState=cookie%3A1743173842_f03c
Content-Length: 1055
Keep-Alive: timeout=5, max=76
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173842_f03c_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173842_f03c=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173842_f03c_fgvars= da5cc4d195574ed9fd93e545dfa55fc5; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173842_f03c= da5cc4d195574ed9fd93e545dfa55fc5; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRNj5swEIBzP%2BBAuAcSErSNlUSiBGZr8kExG1W9IAeGxBLyLHY26b%2BvIcmKrdqp6iU%2BjZjwM898mKkkVkcj76gOLiYfR5DKOfclK6hlzMyjYIgtSSVipAKJVIAwtloixoggWnDFMl6ahiclCEU58zmTswoeBvFGMB3iN1zPzoFQtKw0rqfoSsqMAS8dIUUGaQsWZAosqW8o6LenbKwW%2B1nJSwMBffFwLmBS7hZBzY%2B0N2016A01pTcbkgco9rpxdQWQp0y0k88THk6nawmktXNtic61YC9VoOt6yhoCddwMeRUQKZsjDemES5m2poTN8vG%2BXDius9jyCdFFhmBO3bzgrhukblajUURQiYVWpmOgPH7Q9GfedIMwvj9xk5znfTiK7t%2BkoZTtn%2Bfm93F5FEX5Ik619K3IKQbXLaYM6fnngQM21GhVoC0Rne%2FFjknjFzjoN4G%2FpBGswbbogI4hQh%2FhscWdjESoDyojBYbdZJYIVJugy3o1R%2FjxrLSXEULj4MaQp3WH4jznFauU4SLiJc0%2B214Zc1PvgCiYGYOTftdfrVftxdYdjf9ZnBnZfi8qmgusukOnBmOn3oGzdOdC%2F4pG40hu7%2F%2BtLICshBtBuFSIayJpq%2B8M0dTNZfr8X%2BKd281zkPArw83%2B0Vz%2FAP9rHh%2FW9tK5h%2FcYpNG%2FIBnGRfW0DZ3fvN1f6wX&RelayState=cookie%3A1743173842_f03c">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante

Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743174029_342e (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743174003_57b2_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174003_57b2=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174003_57b2_fgvars=_7a67dc58d5bba420f8e12aaafodc6c91d; _opensaml_req_cookie%3A1743174003_57b2=_7a67dc58d5bba420f8e12aaafodc6c91d; _shibstate_1743174024_a70e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174024_a70e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174024_a70e_fgvars=_01ec83a20052df54140a0d6a86dc4ee2; _opensaml_req_cookie%3A1743174024_a70e=_01ec83a20052df54140a0d6a86dc4ee2
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:09:53 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58CcQ8QUDbFSiJRgrZiE/DMRUUvYIEhsQSY2s6j376GJ0u2aqOql%2Fg0Yv6e%2Bc3DTASpygZ5B7mvY%2FhxAGClc1XWAnWQgK7gNWEUIFgUoFAMkPYWY6QbVio4UyyjJW65gkBXFWJW%2B6wWlw
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bm4VGRdNYftiOa7r2I6bkXGeF874ZzWpmRAHCGshSS2num3Zo4HLDoxPyXCELBeNnO%2B6F13b9ZnW0a1393u7vYgE%2BpIk0eBS4ga4@pTAn32%2FPx00ZNVKgj4L3h3Y9PbhPTZziIN6EfpFG83oTzIE5x4L%2FFgYFDnARLLw
qD5XqVBEAypItw46Tqe9RadoqjCP5hQBOzx%2FIBYNNWliKcR6yk2U%2FNK0t28jkQCN9qJvv6qv4uo2Qd7vpt4M7S81nVUM4FW0X4Ewy2evdk3bpRP%2BXC6pCYj%2Bpy%2BtrIAceLdUiGQoa6QpC99GLrv6ei32T%2BImf73z
IMDH891e4fsL3LFj%2B%2Fiwshf2PbzHIDn%2FggRpf9VfNnR28%2F2%2FqNf&RelayState=cookie%3A1743174593_760a
Content-Length: 1055
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743174003_57b2_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174003_57b2=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174003_57b2_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174003_57b2=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743174593_760a_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174593_760a=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174593_760a_fgvars=fb9d0fca51eb603993239ca7ddf3767c; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174593_760a=fb9d0fca51eb603993239ca7ddf3767c; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58CcQ8QUDbFSiJRgrZiE/DMRUUvYIEhsQSY2s6j376GJ0u2aqOql%2Fg0Yv6e%2Bc3DTASpygZ5B7mvY%2FhxAGClc1XWAnWQgK7gNWEUIFgUoFAMkPYWY6QbVio4UyyjJW65gkBXFWJW%2B6wWlw
o4Bn6kGbzFi6m%2B17IRyDS1kAMB2YGDoEJgEhDwKLBINkU4gmLenRSZwvs%2BxUNDRPXz0cpXhWgq5XgYn3dLt1Jci9IQQzWdLbjNY40bW5QqclASE%2BpjydtKbyehN2xGvHMNOqcFudRS0hG4GHLKIZmxmtDC%2BdTPS22
bm4VGRdNYftiOa7r2I6bkXGeF874ZzWpmRAHCGshSS2num3Zo4HLDoxPyXCELBeNnO%2B6F13b9ZnW0a1393u7vYgE%2BpIk0eBS4ga4@pTAn32%2FPx00ZNVKgj4L3h3Y9PbhPTZziIN6EfpFG83oTzIE5x4L%2FFgYFDnARLLw
qD5XqVBEAypItw46Tqe9RadoqjCP5hQBOzx%2FIBYNNWliKcR6yk2U%2FNK0t28jkQCN9qJvv6qv4uo2Qd7vpt4M7S81nVUM4FW0X4Ewy2evdk3bpRP%2BXC6pCYj%2Bpy%2BtrIAceLdUiGQoa6QpC99GLrv6ei32T%2BImf73z
IMDH891e4fsL3LFj%2B%2Fiwshf2PbzHIDn%2FggRpf9VfNnR28%2F2%2FqNf&RelayState=cookie%3A1743174593_760a">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L:I/L:A/N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743174029_342e_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743174003_57b2_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174003_57b2=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174003_57b2_fgvars=_7a67dc58d5bba420f8e12aaafodc6c91d; _opensaml_req_cookie%3A1743174003_57b2=_7a67dc58d5bba420f8e12aaafodc6c91d; _shibstate_1743174024_a70e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174024_a70e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174024_a70e_fgvars=_01ec83a20052df54140a0d6a86dc4ee2; _opensaml_req_cookie%3A1743174024_a70e=_01ec83a20052df54140a0d6a86dc4ee2
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:09:53 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xVRNj9owED2zvyLKnSSEQokfSDRE20h8pHEWb1EJpgxgfbFT2wH239cJstMqWlap6WZ9GneeZN%2B%2BNM5akyEs0q9SRxcCzAqrmS5EziZrExkWBQ5xIKhEjBUikMoRnywVylQeVgiue8dw0Z1KCUUQznzNZFSawiB
Rv4CveIMyJUqVetq2k6krIKgGwroegICWfGjMFF1W2L1Gwa01M%2F1bkmc1NZ0136PMNRGgfp4XoV2PhItluegzpaUnK7ZuLa0RompjHX1CkNjN3Lc%2Fns1VxstrdDkQ3EXDQaLD1HHuaw61cDDsqIFM2xmvT00cTM%2FV22ZD0vK
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CawwSRfpp%2Fq71EduSnOwvk7g8Z218tvDEu00izCecRzmR0aszznZ18AUTAxe6b9hr6Bb9sIuZY3%2Fdg4izJ8XpREURmrABeSgZY0HeOqRPuCN%2BtBY9j%2Fjy41TFsNo1kqRDKU1dX0he8Dx1t9uw37p3bTtut8EMGP53d%2F
hW8v8BP9ePD0164j%2Bh9DKX%2Bv1AyjCvqLxs6wfbv9TPlw%3D%3D&RelayState=cookie%3A1743174593_f877
Content-Length: 1049
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743174003_57b2_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174003_57b2=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174003_57b2_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174003_57b2=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743174593_f877_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174593_f877=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174593_f877_fgvars= 9dc6a19629f6881fed9c7b2e31b1a402; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174593_f877= 9dc6a19629f6881fed9c7b2e31b1a402; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xVRNj9owED2zvyLKnSSEQokfSDRE20h8pHEWb1EJpgxgfbFT2wH239cJstMqWlap6WZ9GneeZN%2B%2BNM5akyEs0q9SRxcCzAqrmS5EziZrExkWBQ5xIKhEjBUikMoRnywVylQeVgiue8dw0Z1KCUUQznzNZFSawiB
Rv4CveIMyJUqVetq2k6krIKgGwroegICWfGjMFF1W2L1Gwa01M%2F1bkmc1NZ0136PMNRGgfp4XoV2PhItluegzpaUnK7ZuLa0RompjHX1CkNjN3Lc%2Fns1VxstrdDkQ3EXDQaLD1HHuaw61cDDsqIFM2xmvT00cTM%2FV22ZD0vK
Hr7YeJwU8POy%2F7vHh39v2yCfH1TApKwiZV1Spiek67qDr9LvuKOkNkOOhQf%2BHaUQ3ub5QtqPs8Fjb7RUk0dckibrXETcgZD0eBpjTp6f09YxrglDDQLTMe1yf3B0zpzIIN6EfpFG83oTzIE5x4L%2FEgVdNATLWRQgy%2FUq
CawwSRfpp%2Fq71EduSnOwvk7g8Z218tvDEu00izCecRzmR0aszznZ18AUTAxe6b9hr6Bb9sIuZY3%2Fdg4izJ8XpREURmrABeSgZY0HeOqRPuCN%2BtBY9j%2Fjy41TFsNo1kqRDKU1dX0he8Dx1t9uw37p3bTtut8EMGP53d%2F
hW8v8BP9ePD0164j%2Bh9DKX%2Bv1AyjCvqLxs6wfbv9TPlw%3D%3D&RelayState=cookie%3A1743174593_f877">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743174029_342e (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743174003_57b2_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174003_57b2_fgvars=_7a67dc58d5bba420f8e12aaafodc6c91d; _opensaml_req_cookie%3A1743174003_57b2=_7a67dc58d5bba420f8e12aaafodc6c91d; _shibstate_1743174024_a70e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174024_a70e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174024_a70e_fgvars=_01ec83a20052df54140a0d6a86dc4ee2; _opensaml_req_cookie%3A1743174024_a70e=_01ec83a20052df54140a0d6a86dc4ee2
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:09:53 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcINNvESiKLBGR8qC7japekIEhsQSY2ibJfvuaPFZs1UZVL%2FFpxPw985uHrQhSFjWaN3JfhfCzASG1U1lUAp0dU73hFWJEUIEgUoJAMkV4vloi27BQzZ1kKSt0bS4EcElZ5bJkNCvWdP
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HS3zqx%2Bh601h3jwF98GNDE/LD8RLijtaLwFwEraPgmzYuCHV0OR4JUH%2Bjmu%2Focqvm4jZOfddNvBnaTmsrImmIq2C3Aigez0oaddOtG94Baq0BDy%2F%2B1LK8shA35eKkRS1IbR1IXvQ2u8%2FnyYt9k%2FpZr3oeRDg4%2F1u
r%2FD9Be7YoX18WNLl%2Bx7eY5CcF0HStIvqLxs6u3m7v9TZLw%3D%3D&RelayState=cookie%3A1743174593_84c2
Content-Length: 1049
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743174003_57b2_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174003_57b2=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174003_57b2_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174003_57b2=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743174593_84c2_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174593_84c2=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174593_84c2_fgvars=_0d1f8b03a4dd03b97bb8f62939bdf6da; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174593_84c2=_0d1f8b03a4dd03b97bb8f62939bdf6da; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcINNvESiKLBGR8qC7japekIEhsQSY2ibJfvuaPFZs1UZVL%2FFpxPw985uHrQhSFjWaN3JfhfCzASG1U1lUAp0dU73hFWJEUIEgUoJAMkV4vloi27BQzZ1kKSt0bS4EcElZ5bJkNCvWdP
xAU3gNl1N9L2UtkG1KtfsC0oaDoeJUKElNvSVBINKU4g6LurjBiZxvbnmxqGkVw8xoEIfei79Zeybo0yRhBci9IQQzWdLbDDY40rWFQqcVaSE%2BpjweJ0Ybyehm2xGvHmNqgcFudeS0gGu4EDLKIzUmdhtd8xdtFbayQT5KLIId8Yj
LLScafK2SUP9tjZ5zk2NGLEyIBvxKSLJqW5b9rBvOX17FA2GyBgjoFNd14Jru77QKqFV7n5vk4tIcK9RFPQvJW6Bi3N5SqDPrp561zNpR4XOBLwzvPvxyW1i%2Bpx74dZ3vTgINlt%2F4YUx9tzX0DowjyANvQ98b7VZR57hr%2F
HS3zqx%2Bh601h3jwF98GNDE/LD8RLijtaLwFwEraPgmzYuCHV0OR4JUH%2Bjmu%2Focqvm4jZOfddNvBnaTmsrImmIq2C3Aigez0oaddOtG94Baq0BDy%2F%2B1LK8shA35eKkRS1IbR1IXvQ2u8%2FnyYt9k%2FpZr3oeRDg4%2F1u
r%2FD9Be7YoX18WNLl%2Bx7eY5CcF0HStIvqLxs6u3m7v9TZLw%3D%3D&RelayState=cookie%3A1743174593_84c2">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743174029_342e_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743174003_57b2_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174003_57b2=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174003_57b2_fgvars=_7a67dc58d5bba420f8e12aaafcdc6c91d; _opensaml_req_cookie%3A1743174003_57b2=_7a67dc58d5bba420f8e12aaafcdc6c91d; _shibstate_1743174024_a70e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174024_a70e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174024_a70e_fgvars=_01ec83a20052df54140a0d6a86dc4ee2; _opensaml_req_cookie%3A1743174024_a70e=_01ec83a20052df54140a0d6a86dc4ee2
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:09:53 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private, no-store, no-cache, max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcIINnN1USiBG2R8qCyjapekAOTxBJgapsk%2B%2B1r8LiXvRtVvaxPI%2Bvmd88zFiQsqiR18h9FcPPBoIUIhVRCXR2TPSGV4gRQWqSakCyQdxbzFHTmGhmjRUMlbomi.cEeL25bNkNC
VwDPxAM3iN5xN9L2UtkG1KI fsCsoaDoeJUKElNoWSVBINkU4g6LejBSZXvbNpqGnevng4SuPgJvWtAxPv6WbDQpB7QwhmtiS2GalwmszhU4r0kJ8THk8Ho02ktHntiMgCYedUoQp6tjSAq7hYsgph0yaGK90LZxN9DSHwXBARo77
Zodk%2B5Rtho%2FPlmNtLXtOu47zqGRNBBWQpJKThfIbst%2B5fTt52TgImuEXoeHrk0Xdn2hVU6r3f3ebi4igb4mSdS%2FllGGLs71KYE%2BfXjoXc64HRU6E%2FD0807HJ7eJ6VmcXvQD9IoXq3DWRChOPBf48DAIU6ChReFW
KIATAIjTNJ5uHZS9T1qLIVFUTj7MKC%2WH5jbBGSOURziJW0Odn84qCHX0ORMJEH%2Bjmu%2Focqum4j5Ofd9NvBnaTms7ImmIq2C3Aimez0caddOtG94Beq0Bi2%2F9OXvraFHPH5qRdJUNZGUXe%2Bu9Zo%2Be1a7J%2FSTXud80ma
n893e4XvL3DHDu3jw8qe2%2FfwPgFj%2BERckIbuo%2FfrKh05u3%2B0ud%2FgI%3D&RelayState=cookie%3A1743174593_367f
Content-Length: 1057
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743174003_57b2_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174003_57b2=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174003_57b2_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174003_57b2=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743174593_367f_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174593_367f=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174593_367f_fgvars=de161a93572daf7cb648030f02625334; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174593_367f=de161a93572daf7cb648030f02625334; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcIINnN1USiBG2R8qCyjapekAOTxBJgapsk%2B%2B1r8LiXvRtVvaxPI%2Bvmd88zFiQsqiR18h9FcPPBoIUIhVRCXR2TPSGV4gRQWqSakCyQdxbzFHTmGhmjRUMlbomi.cEeL25bNkNC
VwDPxAM3iN5xN9L2UtkG1KI fsCsoaDoeJUKElNoWSVBINkU4g6LejBSZXvbNpqGnevng4SuPgJvWtAxPv6WbDQpB7QwhmtiS2GalwmszhU4r0kJ8THk8Ho02ktHntiMgCYedUoQp6tjSAq7hYsgph0yaGK90LZxN9DSHwXBARo77
Zodk%2B5Rtho%2FPlmNtLXtOu47zqGRNBBWQpJKThfIbst%2B5fTt52TgImuEXoeHrk0Xdn2hVU6r3f3ebi4igb4mSdS%2FllGGLs71KYE%2BfXjoXc64HRU6E%2FD0807HJ7eJ6VmcXvQD9IoXq3DWRChOPBf48DAIU6ChReFW
KIATAIjTNJ5uHZS9T1qLIVFUTj7MKC%2WH5jbBGSOURziJW0Odn84qCHX0ORMJEH%2Bjmu%2Focqum4j5Ofd9NvBnaTms7ImmIq2C3Aimez0caddOtG94Beq0Bi2%2F9OXvraFHPH5qRdJUNZGUXe%2Bu9Zo%2Be1a7J%2FSTXud80ma
n893e4XvL3DHDu3jw8qe2%2FfwPgFj%2BERckIbuo%2FfrKh05u3%2B0ud%2FgI%3D&RelayState=cookie%3A1743174593_367f">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743174068_198d_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743174047_0365_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174047_0365=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174047_0365_fgvars=_b8e4d71f024436ed895fffe183db6ddc; _opensaml_req_cookie%3A1743174047_0365=_b8e4d71f024436ed895fffe183db6ddc
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:09:55 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swMfP2U%2BBuAcIiGjXSiJRgrZiEVDMPuUvyMQWAlMoeex374mjxvbtVHVS3waM%2FP%2FQZhuJoLUUvu8vdw1Mfzcg5Daga4ago6Qgb7nDWUEUEaUoUVMkfWYy6QbVio5UyynFW65gkBXFLW%2BKwR%2Bxo4Bn6gObzfF16m%2Bk7IVyDS1kEMB%2BZ6DoeJjGELLoWaNBINRU4g2reJBszXvbnPaGnRvmo4SuPgnVvAhPvaJaxOufTOEIKZHY1tRmuo6NpoodOGdBCFux6PR6OLZPSzbY1KwmGr1GCqQkpawTVcDAXLkEsT47WuhfOpnuajYp xlmWOCvL8UnaF64zHneOOSu9Wrt1WmiH2EDZCkZodduy3aHLD03nZQoi6W57g9di67t%2Bk4qgjb%2B73NLiKBviZNLyUuAEzuzUjgT57ehpczqQbFToT8N7w7scnt4npMkzEm9AP0iheb8J5EKc48N%2FiwMAhToKLF4XBcr1KAiNM0kW4cVL1PeosO8VROP80oInZY%2FhNsEUrRRHO11bR%2FF3zqoodfQ5EwLQf6eah%2Biq%2BbiMU5930u8GdpOazuiWciq4LcCK57FVhoF060b%2FgV6rQGMr%2F6UsnK6EAf14qRHKUd9HLhe%2Bu9bL6di32T%2BImg955EODj%2Bw6v8QMbtmhe3xY2Qv7Ht5jkX%2FQdK0i%2BovGzq7efu%2F1Nkv&RelayState=cookie%3A1743174595_03cb
Content-Length: 1053
Keep-Alive: timeout=5, max=94
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743174595_03cb_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174595_03cb=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174595_03cb_fgvars=_c1d6bbb0f1da89fbd5366b351fa5fb26; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174595_03cb=_c1d6bbb0f1da89fbd5366b351fa5fb26; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swMfP2U%2BBuAcIiGjXSiJRgrZiEVDMPuUvyMQWAlMoeex374mjxvbtVHVS3waM%2FP%2FQZhuJoLUUvu8vdw1Mfzcg5Daga4ago6Qgb7nDWUEUEaUoUVMkfWYy6QbVio5UyynFW65gkBXFLW%2BKwR%2Bxo4Bn6gObzfF16m%2Bk7IVyDS1kEMB%2BZ6DoeJjGELLoWaNBINRU4g2reJBszXvbnPaGnRvmo4SuPgnVvAhPvaJaxOufTOEIKZHY1tRmuo6NpoodOGdBCFux6PR6OLZPSzbY1KwmGr1GCqQkpawTVcDAXLkEsT47WuhfOpnuajYp xlmWOCvL8UnaF64zHneOOSu9Wrt1WmiH2EDZCkZodduy3aHLD03nZQoi6W57g9di67t%2Bk4qgjb%2B73NLiKBviZNLyUuAEzuzUjgT57ehpczqQbFToT8N7w7scnt4npMkzEm9AP0iheb8J5EKc48N%2FiwMAhToKLF4XBcr1KAiNM0kW4cVL1PeosO8VROP80oInZY%2FhNsEUrRRHO11bR%2FF3zqoodfQ5EwLQf6eah%2Biq%2BbiMU5930u8GdpOazuiWciq4LcCK57FVhoF060b%2FgV6rQGMr%2F6UsnK6EAf14qRHKUd9HLhe%2Bu9bL6di32T%2BImg955EODj%2Bw6v8QMbtmhe3xY2Qv7Ht5jkX%2FQdK0i%2BovGzq7efu%2F1Nkv&RelayState=cookie%3A1743174595_03cb">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743174068_198d (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743174047_0365_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174047_0365=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174047_0365_fgvars=_b8e4d71f024436ed895fffe183db6ddc; _opensaml_req_cookie%3A1743174047_0365=_b8e4d71f024436ed895fffe183db6ddc
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:09:55 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAFIav3V9bucBxcJwJmLAKw&I%2F%0Dapjce4aCTAENnBnX%2F%0fUdu0purntUJ551zrw&zcHnc5Bwya3EsA%2FhZAx&KpchlJl1rh&K1ZiWjM0UdLXABHI&hYXq%2BQgQ1QxaigOclVxeYcmCC0dgJj6w
TYBnYiCwGg7l6FKLiSNcFF300Sc1Ak%2FEEFFHFF6KCIAT0InFMyyslpGELfa5kRr0gavdjYjwL3xdtuXB0FyX5PcdBHjX0qNlySm/m9xqQpLiU7KuIH4mPJ8PmtNJK2b7RDLJawOUg26rCMjOdzCBZASBonQM6qireoc9F4NB5mI2
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Su5oXRYtsNI%2Fhdbyyzwr63%2FDCgnd5h%2BY2wQhtJ4S19mpPkTbHznJ4dBrGAuWqp%2Brv6Jr5tI6Ttbjrn4C5CdWnRcxYzwpqgtwiRFR6UNPuXaie8HJZaEBZP%2FT10aWQqsXSoUJyhposkL363BdPPtVuyf0i16nfnJgJ%2FP
d3%2BF7y%2FwQE%2FN48PSX&mp8D4HaFgvSIpyVf1lQxd3b%2FeXuvGf&RelayState=cookie%3A1743174595_776b
Content-Length: 1049
Keep-Alive: timeout=5, max=98
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743174595_776b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174595_776b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174595_776b_fgvars= 6463f4164d7fc5217119986229608d5f; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174595_776b= 6463f4164d7fc5217119986229608d5f; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
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<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAFIav3V9bucBxcJwJmLAKw&I%2F%0Dapjce4aCTAENnBnX%2F%0fUdu0purntUJ551zrw&zcHnc5Bwya3EsA%2FhZAx&KpchlJl1rh&K1ZiWjM0UdLXABHI&hYXq%2BQgQ1QxaigOclVxeYcmCC0dgJj6w
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M8Sp%2BzDKNZ8OYTidj05yOB5PUyqS8xg8kou4FHPVhJhWfzDsm5PQsNBgiizrh6r4t3Z9IWWKysPj3u6vIo6%2BhgHfv5a4A8bb8qRAXTW99a5n1owKtQSSm7zH8eP7xNQFdoOd57iRH2x33tINIuw6r4GrYQ%2BH7tr2Pxe93Y
Su5oXRYtsNI%2Fhdbyyzwr63%2FDCgnd5h%2BY2wQhtJ4S19mpPkTbHznJ4dBrGAuWqp%2Brv6Jr5tI6Ttbjrn4C5CdWnRcxYzwpqgtwiRFR6UNPuXaie8HJZaEBZP%2FT10aWQqsXSoUJyhposkL363BdPPtVuyf0i16nfnJgJ%2FP
d3%2BF7y%2FwQE%2FN48PSX&mp8D4HaFgvSIpyVf1lQxd3b%2FeXuvGf&RelayState=cookie%3A1743174595_776b">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743174068_198d_fgwars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743174047_0365_fgwars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174047_0365=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174047_0365_fgwars=_b8e4d71f024436ed895fffe183db6ddc; _opensaml_req_cookie%3A1743174047_0365=_b8e4d71f024436ed895fffe183db6ddc
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:09:55 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcILG7WSiJRgrZiEiVDMRlUvvyIEhsQSY2s5jv30NSVzs1UZVL%2BvTiP175jcRM%GkKvKkHeS%2BjuhnAYTUz1VZC9Q5pvqB14gRQQWpSQUCYQxhb71LatmGhhjPUMlbgmucEcEL27hNaHCrg
GPiRZvASL6b6XspGINOUQg4FZAcOhoonoSINhYrVEgwcjISgatKRHJlW%2BzrzJT0dA8ffZwlM%BC7heBSbe0%2B2W1SD3hhDM%ELsMLrjRNfmOp3WpIV4n%2FJ00h1tJROfb0dUEg47pQZT1VHQEg7hYsgph0yaGK91LZxP9fRTPiCq2
7iO49rZwPo9hlDm5TSy7eCQjMh4XSibEAcJaSFLlqW5btju0nKE9TKYusp6Q6%2F7Qtejari%2B0zmm9u9%2Fb7UUK0NckiYaXEjFARVeeBuizh4fb5UzaUaGogPeGdz8%2Bu1Mn%2BEg3oR%2BkEzewehPogzjPgF8SBwYocRIsvS
gMlutVEhhiki7CjZ0q71Fr2SnOwm7AU3MhstvhA1aKypwHrGSZq%2BaV5bs5HMgEqb6SDff1FfXcRsh73bTbwD31prPqpZwKtouwJ1ksteHgXpRP%2BCX6pCYyj%2Bpy%2BtrIAceLdUiGQoa60pC99d62n17Vrsn91DNBr3zQYAf
z3d7hW8vchMcO7ePdy17Y9%2FA%2BBsn5FyRnu6j%2BsgGzm7f%2FSS539Ag%3D%3D&RelayState=cookie%3A1743174595_e153
Content-Length: 1057
Keep-Alive: timeout=5, max=92
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743174595_e153_fgwars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174595_e153=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174595_e153_fgwars=4d1fb57e52bf368e1c3d2a02f7a1a88f; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174595_e153=4d1fb57e52bf368e1c3d2a02f7a1a88f; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcILG7WSiJRgrZiEiVDMRlUvvyIEhsQSY2s5jv30NSVzs1UZVL%2BvTiP175jcRM%GkKvKkHeS%2BjuhnAYTUz1VZC9Q5pvqB14gRQQWpSQUCYQxhb71LatmGhhjPUMlbgmucEcEL27hNaHCrg
GPiRZvASL6b6XspGINOUQg4FZAcOhoonoSINhYrVEgwcjISgatKRHJlW%2BzrzJT0dA8ffZwlM%BC7heBSbe0%2B2W1SD3hhDM%ELsMLrjRNfmOp3WpIV4n%2FJ00h1tJROfb0dUEg47pQZT1VHQEg7hYsgph0yaGK91LZxP9fRTPiCq2
7iO49rZwPo9hlDm5TSy7eCQjMh4XSibEAcJaSFLlqW5btju0nKE9TKYusp6Q6%2F7Qtejari%2B0zmm9u9%2Fb7UUK0NckiYaXEjFARVeeBuizh4fb5UzaUaGogPeGdz8%2Bu1Mn%2BEg3oR%2BkEzewehPogzjPgF8SBwYocRIsvS
gMlutVEhhiki7CjZ0q71Fr2SnOwm7AU3MhstvhA1aKypwHrGSZq%2BaV5bs5HMgEqb6SDff1FfXcRsh73bTbwD31prPqpZwKtouwJ1ksteHgXpRP%2BCX6pCYyj%2Bpy%2BtrIAceLdUiGQoa60pC99d62n17Vrsn91DNBr3zQYAf
z3d7hW8vchMcO7ePdy17Y9%2FA%2BBsn5FyRnu6j%2BsgGzm7f%2FSS539Ag%3D%3D&RelayState=cookie%3A1743174595_e153">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743174068_198d (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743174047_0365_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743174047_0365=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743174047_0365_fgvars=_b8e4d71f024436ed895fffe183db6ddc; _opensaml_req_cookie%3A1743174047_0365=_b8e4d71f024436ed895fffe183db6ddc
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:09:55 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRNj5swEibPu78CcQ8EEnY3VhIpJwLLA%2BkZajgBRmYJYAU9sk2X9fQ5TW7VR1Ut8GjGvZ575MqNBirxCSlnuyxB%2BliCkdiiryUgDWMdFrXiJGBBwJAUIJFOEZ8sFso0%2BgjiITLQW5rs2EAC4pK1lWiRoA
joEfaApv4WKi76wsBDUNWRQFpzMFQ8CQmpkBSs1GBQaQpRdTk9DGLlay07FhXN4tcZDuLQe%2F0XK8%2Ffe5okLAe5N4RgZkNm8EaR7oZV%2Bi0JA3E55TH49FoIhndbDuiKnDYKIWYqp4tzeESLoSMckiLiFfa1%2Fz5RT%2Bf
E5skzsDJkmw02g7TkeVY1jUk6WD48vTsPcnZEDX4pZCk1BRd7ttOrz%2Fo2S%2BR5aD%2BCDnOD10LLu36QsuMLrvbvU3OIoG%2BR1HQ05e4AS7a8pRanz4%2BfpzPuBkVag14Z3i345PrxPQp9sRn73pxEK43%2FtwLY%2By5b6Fn
YB9H3nIW%2B5yvYo8w4%2Fihb8ZxQp70Fh2jAN%2F%2FmLAY7PD8hthhVaKwp8HLKfpuzbLc3Z0ORAJE93SszQ%2F1RXzZRsja3XSwZ2k5rKiIpyKpgtwIqns90FBO3eie8HNVaEhbP%2BnL41sCxnwdqkQSVHaRFMxvjv90erhpd
g%2FpZs%2BdM6dAO%2FRd32FHy9ww7N48PFXti3806DNRgXE07q%2F6yodOrt%2FtInF4C&RelayState=cookie%3A1743174595_3ef8
Content-Length: 1065
Keep-Alive: timeout=5, max=77
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743174595_3ef8_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743174595_3ef8=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743174595_3ef8_fgvars=_7b2ab535dbd99f4c9151114ac3486756; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743174595_3ef8=_7b2ab535dbd99f4c9151114ac3486756; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
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<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRNj5swEibPu78CcQ8EEnY3VhIpJwLLA%2BkZajgBRmYJYAU9sk2X9fQ5TW7VR1Ut8GjGvZ575MqNBirxCSlnuyxB%2BliCkdiiryUgDWMdFrXiJGBBwJAUIJFOEZ8sFso0%2BgjiITLQW5rs2EAC4pK1lWiRoA
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E5skzsDJkmw02g7TkeVY1jUk6WD48vTsPcnZEDX4pZCk1BRd7ttOrz%2Fo2S%2BR5aD%2BCDnOD10LLu36QsuMLrvbvU3OIoG%2BR1HQ05e4AS7a8pRanz4%2BfpzPuBkVag14Z3i345PrxPQp9sRn73pxEK43%2FtwLY%2By5b6Fn
YB9H3nIW%2B5yvYo8w4%2Fihb8ZxQp70Fh2jAN%2F%2FmLAY7PD8hthhVaKwp8HLKfpuzbLc3Z0ORAJE93SszQ%2F1RXzZRsja3XSwZ2k5rKiIpyKpgtwIqns90FBO3eie8HNVaEhbP%2BnL41sCxnwdqkQSVHaRFMxvjv90erhpd
g%2FpZs%2BdM6dAO%2FRd32FHy9ww7N48PFXti3806DNRgXE07q%2F6yodOrt%2FtInF4C&RelayState=cookie%3A1743174595_3ef8">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743175042_95b6_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743175014_975c_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175014_975c_fgvars=498371b760d8a65d087214c0f57c68f9; _opensaml_req_cookie%3A1743175014_975c=498371b760d8a65d087214c0f57c68f9; _shibstate_1743175037_a779_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175037_a779=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175037_a779_fgvars=_05973043f4c7a4110f3d3997c560f94c; _opensaml_req_cookie%3A1743175037_a779=_05973043f4c7a4110f3d3997c560f94c
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:24:13 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBuAcSSLrUSiJRgrZiEVDmRUvryCFDyglajup%2FFyLeazYqp2q%uLTiPl75jcPM5Kk%mkv7%WOJfBzDLIzP6pkEp0dy3MvGOJEUokYqJAiLSpsZ2fIsXqpFLzxnJem4UsJQLHOAs7kvgrBQR
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Dg4%2Flur%2FD9BW75oX18Wnsz5x7eY5Dcf0EYjIvqLxs6uWnbv9TULw%3D%3D&RelayState=cookie%3A1743175453_6f71
Content-Length: 1055
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743175014_975c_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175014_975c=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175014_975c_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175014_975c=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743175453_6f71_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175453_6f71=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175453_6f71_fgvars=206bff7cc14a3a18830284da7e884ff4; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175453_6f71=206bff7cc14a3a18830284da7e884ff4; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
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<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBuAcSSLrUSiJRgrZiEVDmRUvryCFDyglajup%2FFyLeazYqp2q%uLTiPl75jcPM5Kk%mkv7%WOJfBzDLIzP6pkEp0dy3MvGOJEUokYqJAiLSpsZ2fIsXqpFLzxnJem4UsJQLHOAs7kvgrBQR
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7z%2Fc4p095bs%2FbHvyvYJ43KiCqBllm5h4hJRZgam07PGZ7btfx0v4QOQFud3%2BYRnxt1xfRQpRt7%2Fd2fRFJ9DVN4%2B61xBUIeS5PC8zJ01PnckbNgNCZQLSGdz8%2BuU3MnQAwWUvBmMkJchVWwyTDYfCahBaOcBrO%2FT
gk58tFGLpRms2ilZvp73FjORmOo%2BmHAY3sFstvhDvaaIpoGvO55m%2BGX5b8GAggCs2m37Tf1VfxRthc97NoBncSRkBr2oigGy6ACesqLYfOsaLE%2B0LQakLTaDn740sgI2IM5IhUiO8iaavvB92Pu8%2BHYt9k%2FpJp3WeR
Dg4%2Flur%2FD9BW75oX18Wnsz5x7eY5Dcf0EYjIvqLxs6uWnbv9TULw%3D%3D&RelayState=cookie%3A1743175453_6f71">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743175042_95b6 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743175014_975c_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175014_975c=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175014_975c_fgvars=498371b760d8a65d087214c0f57c68f9; _opensaml_req_cookie%3A1743175014_975c=498371b760d8a65d087214c0f57c68f9; _shibstate_1743175037_a779_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175037_a779=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175037_a779_fgvars=_05973043f4c7a4110f3d3997c560f94c; _opensaml_req_cookie%3A1743175037_a779=_05973043f4c7a4110f3d3997c560f94c
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:24:13 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAFIav3V9BuBcQN0501IQi2ZL4QRnWNL0hIxx1BnDozKDuv%2B%2BAumGb1jS9ca5000%2Bc85yPYSJKvFfIreWhj0BnDUJq5yIvBwodU73mJWJEUJFKUoBAMkXXS6QbVio4kyy1OW65goBXFWegwUdQEc
Az%2FSFN6ixVQ%2FSFkZJpSyL6AtOZgqHGSJRKfGpwaDSFKJKrnp0BuVrLTsRfc2SvXeHSeS2FBUuVb%2BID3W5ZDvJgQMfMnsQ2wzWodW2u0GLJGojPKU%2Bnk9FEMrrZ9kQ14bBXajBVHTuawzVcBBn1kEoT47WuBfOpnjjj
btqEF8oePmcdKlqONRyFR%2Bkus0bZcdt4VjIhaghKIUkpp7pt2a0%2B5Ft53gwQvYQDZwfuHZe2%2FWF1hkt9%2Fd7u72IBPoax2H%2FUuIGuGjUJwJ99vTUu5xJMyrUEvD0807HJ7eJ6TPsR5va8S4Wm%2BCuR812PfeIt%2FA
AY79pRsG%2FhK9in0jiUNFSHES9T1sLDvBYTD%2FNKCJZWH5jbBCKOURzEOW0%2FRdc%2FOcnTwORMJUH%2Bjmh%2Focqvm4jZ01ues3gz1LzWFERTkXTBT1TVHb6QNMunehe8HJVaAS7%2F%2B1L19tBBcxdkKRS1DbR1IXvI%2Bt1
9e1a7J%2FSzXqd8yDvX%2FRd0uHHC9yzY%2FP4sLDX9j28xyA5%2F4KkaRfVxzZ0chnZf6mzxW%3D%3D&RelayState=cookie%3A1743175453_7d5e
Content-Length: 1073
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743175014_975c_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175014_975c=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175014_975c_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175014_975c=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743175453_7d5e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175453_7d5e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175453_7d5e_fgvars=37bc4e93248dlac0304775cfd05cd4b18; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175453_7d5e=37bc4e93248dlac0304775cfd05cd4b18; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAFIav3V9BuBcQN0501IQi2ZL4QRnWNL0hIxx1BnDozKDuv%2B%2BAumGb1jS9ca5000%2Bc85yPYSJKvFfIreWhj0BnDUJq5yIvBwodU73mJWJEUJFKUoBAMkXXS6QbVio4kyy1OW65goBXFWegwUdQEc
Az%2FSFN6ixVQ%2FSFkZJpSyL6AtOZgqHGSJRKfGpwaDSFKJKrnp0BuVrLTsRfc2SvXeHSeS2FBUuVb%2BID3W5ZDvJgQMfMnsQ2wzWodW2u0GLJGojPKU%2Bnk9FEMrrZ9kQ14bBXajBVHTuawzVcBBn1kEoT47WuBfOpnjjj
btqEF8oePmcdKlqONRyFR%2Bkus0bZcdt4VjIhaghKIUkpp7pt2a0%2B5Ft53gwQvYQDZwfuHZe2%2FWF1hkt9%2Fd7u72IBPoax2H%2FUuIGuGjUJwJ99vTUu5xJMyrUEvD0807HJ7eJ6TPsR5va8S4Wm%2BCuR812PfeIt%2FA
AY79pRsG%2FhK9in0jiUNFSHES9T1sLDvBYTD%2FNKCJZWH5jbBCKOURzEOW0%2FRdc%2FOcnTwORMJUH%2Bjmh%2Focqvm4jZ01ues3gz1LzWFERTkXTBT1TVHb6QNMunehe8HJVaAS7%2F%2B1L19tBBcxdkKRS1DbR1IXvI%2Bt1
9e1a7J%2FSzXqd8yDvX%2FRd0uHHC9yzY%2FP4sLDX9j28xyA5%2F4KkaRfVxzZ0chnZf6mzxW%3D%3D&RelayState=cookie%3A1743175453_7d5e">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743175042_95b6 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743175014_975c_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175014_975c=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175014_975c_fgvars=498371b760d8a65d087214c0f57c68f9; _opensaml_req_cookie%3A1743175014_975c=498371b760d8a65d087214c0f57c68f9; _shibstate_1743175037_a779_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175037_a779=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175037_a779_fgvars=05973043f4c7a4110f3d3997c560f94c; _opensaml_req_cookie%3A1743175037_a779=05973043f4c7a4110f3d3997c560f94c
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:24:13 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuIdnok2sJBILaIuUB8VsVFWCwEwSS4QpbIbZb19DkhVbtVHVS3waMX%2FP%2FOZhZjwpix05jThWIfxsgAvLXBYVR51jrjasQjThhKmqQYEjksHsrFFI0pxUMypoRgtVcTgHJgitXFrxpgSGgb2RDF7D1Vw9C1FzpOuCiYgHrGGgyXgCycqMUNJKgEaEznkdF%2BTNjgWvs6yY1ySP0xwcd4H34m83no6RJE1pAeKocU711sTSgy2OVGJp0UmVtBCFU55QJ62NpWzHRKZHMFBgkGxdexJAddwIeSQGSZ0jLeq4ii%2FhamxPrHQ6SZ9H9igfp9Pcnjybhg0mjMy9YdoTKeO8Ab%2FiIqnEXUIMazw07KElicwxskbItH%2BoSnBtLxdS5aQ6309tehF9DwKguGLxB0w3pUnBeri6WlwObN2VKgjYL3h3Y%2Bf3CamLrAX7mzKi4Nwu%2FO00hhjz30NPQ37OPLWtUB76%2B0m8jQ%2FiLf%2Bzo7196C1rBgH%2FvLtgGZ6j%2BU3whptJIW%2FDGhBsnfFKQp6chkkAuaqgeof6qv4uo2Qd7vptdM7C8WlZZ0wWtsuwDnJRK8PA%2BXSif4Ft5CFhrD%2Fn760sj3kwLqLQkmGsjaavPB9bEw3367F%2FindYtA7DwJ8PN%2FtFX68wAN9ax8flvbKuof3GCT7XSAU5aL6y4Yubt7%2BL3XcW%3D%3D&RelayState=cookie%3A1743175453_eldl
Content-Length: 1057
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743175014_975c_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175014_975c=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175014_975c_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175014_975c=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743175453_eldl_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175453_eldl=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175453_eldl_fgvars=382b98b7434d5b9d387103e1e41f0138; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175453_eldl=382b98b7434d5b9d387103e1e41f0138; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuIdnok2sJBILaIuUB8VsVFWCwEwSS4QpbIbZb19DkhVbtVHVS3waMX%2FP%2FOZhZjwpix05jThWIfxsgAvLXBYVR51jrjasQjThhKmqQYEjksHsrFFI0pxUMypoRgtVcTgHJgitXFrxpgSGgb2RDF7D1Vw9C1FzpOuCiYgHrGGgyXgCycqMUNJKgEaEznkdF%2BTNjgWvs6yY1ySP0xwcd4H34m83no6RJE1pAeKocU711sTSgy2OVGJp0UmVtBCFU55QJ62NpWzHRKZHMFBgkGxdexJAddwIeSQGSZ0jLeq4ii%2FhamxPrHQ6SZ9H9igfp9Pcnjybhg0mjMy9YdoTKeO8Ab%2FiIqnEXUIMazw07KElicwxskbItH%2BoSnBtLxdS5aQ6309tehF9DwKguGLxB0w3pUnBeri6WlwObN2VKgjYL3h3Y%2Bf3CamLrAX7mzKi4Nwu%2FO00hhjz30NPQ37OPLWtUB76%2B0m8jQ%2FiLf%2Bzo7196C1rBgH%2FvLtgGZ6j%2BU3whptJIW%2FDGhBsnfFKQp6chkkAuaqgeof6qv4uo2Qd7vptdM7C8WlZZ0wWtsuwDnJRK8PA%2BXSif4Ft5CFhrD%2Fn760sj3kwLqLQkmGsjaavPB9bEw3367F%2FindYtA7DwJ8PN%2FtFX68wAN9ax8flvbKuof3GCT7XSAU5aL6y4Yubt7%2BL3XcW%3D%3D&RelayState=cookie%3A1743175453_eldl">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L:I/L:A/N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743175042_95b6_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743175014_975c_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175014_975c=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175014_975c_fgvars=498371b760d8a65d087214c0f57c68f9; _opensaml_req_cookie%3A1743175014_975c=498371b760d8a65d087214c0f57c68f9; _shibstate_1743175037_a779_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175037_a779=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175037_a779_fgvars=_05973043f4c7a4110f3d3997c560f94c; _opensaml_req_cookie%3A1743175037_a779=_05973043f4c7a4110f3d3997c560f94c
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:24:13 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private, no-store, no-cache, max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBuIdns5tYSSRK0BypD4rZqOoFEINJLAGmtvPot68hyYqt2qjQJT6Nl9nfWwY5GVRY28g9x0Mfw4gJDauSwggVrHRD%2FwCrFMUIGqrASBJEHYw8yRYLio5kwywgd84QALimrfFaJQwkcAz
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wwSeFh2k3V96ixnBRH4ezDgMzh%2BU3whotFUU4i1hByU%2FNWp28j1kEia6rzv6qv4uo2Qt7vpN4M7S81nZL1xKpouWdkjstOHnbpRPcX6hCY9j%2BT18a2RZy401SoYwg0kRTF74NdnHy67XYP6Wb9jrmQYCP57u9wvcXuG
PH5vFhZc%2Bde3iPQXL%2FBUnTLqg%2FBoj05u3%2BUqe%2FAA%3D%3D&RelayState=cookie%3A1743175453_029d
Content-Length: 1049
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743175014_975c_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175014_975c=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175014_975c_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175014_975c=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743175453_029d_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175453_029d=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175453_029d_fgvars=ce07151060c73339c9d6889e0210980c; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175453_029d=ce07151060c73339c9d6889e0210980c; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBuIdns5tYSSRK0BypD4rZqOoFEINJLAGmtvPot68hyYqt2qjQJT6Nl9nfWwY5GVRY28g9x0Mfw4gJDauSwggVrHRD%2FwCrFMUIGqrASBJEHYw8yRYLio5kwywgd84QALimrfFaJQwkcAz
9SAm%2FxfkLvpawFMk0pZf8AQAwVDwJZVZIKFklwaDSFKJOC3p0U%2BvrlScvNc3TVw9HaRy8hgt1YOI93WkYAXJvCMHMnsQxoxVodG2m0GmNRAfU55QJ6UJZHSz7TKVhMNQgcFudWkpAddwMeSUA5BmxiTdC2cTPSVgvdgD23q2
yIvruilMypp%2BhwxFYjnm2NhhZRMiEOEFZCZpWc6I71DRqW23eGiTLAzidku991lBq26z0tclrt7vd2cxEJ9CVJov61xDVw0ZanBPr06a130aWmKgl4J3h3Y%2Bf3Santl3BQr0M%2F3SKN4tQ5nQZziwH%2BLAwOHQAKwXhQGi9UyCY
wwSeFh2k3V96ixnBRH4ezDgMzh%2BU3whotFUU4i1hByU%2FNWp28j1kEia6rzv6qv4uo2Qt7vpN4M7S81nZL1xKpouWdkjstOHnbpRPcX6hCY9j%2BT18a2RZy401SoYwg0kRTF74NdnHy67XYP6Wb9jrmQYCP57u9wvcXuG
PH5vFhZc%2Bde3iPQXL%2FBUnTLqg%2FBoj05u3%2BUqe%2FAA%3D%3D&RelayState=cookie%3A1743175453_029d">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743175187_da04 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743175168_1459_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175168_1459=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175168_1459_fgvars=_b2f0abab35b4d7a044746d55b9c58927; _opensaml_req_cookie%3A1743175168_1459=_b2f0abab35b4d7a044746d55b9c58927
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:24:13 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/profile/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAfTav3v9BuBcdJk07NafitIR%2BUITY1TW%2FICaedBBgQW6j99x1QW2zTmqf301cnnHfOec7HMB0kyCvk1PJ7fncCjBiGLS5GArWou77zeJeiqFALKUAgmSDsrFTMgao4kyyhOW65ggBXFWuugUdQEcAz%2FRBF7D1Vw%2FSL1kZJpSyL6ApOZgqHGSCLJRKfGpwaDSFRKc3qyY%2BvrlSsWfU3jFwcHoei9%2BNuNZ%2BIj3e9ZDvJoQMfMnsQygy20dG2p0GLJGoj3Kc%2Fns9FEMmrZDkQ14XBQajBVHFnV4RYuhJRySKSJ8VbX%2FOvcj4fTaTYeIW37eIX5tshokiWtd%2FTkgmwJqkSiZEDX4pJCh1XLcGLrg%2FSPvWp2g4RtYIDe3vuhbc2vWZ1iktD497u7%2BKBpCSRUH%2FWuIOuGjUJwJ98FTUu55Z4yrUEvD08B7HJ%2FeJ6QvshTvf9eIg3078pRfG2HNFQ8%2FAp68tRP43nq/iTzdj%2BKvV7Nj9T1oLCvGgb98N6CZ2WH5jbBOG0XhLwOW0%2BSn5uQ507sciIS5PtTNN%2FVNfNtGSNvddJvBXaTmsqLinIqnC3Ahiez0oadh09G94Oaq0BCy%2F%2BLLI8sgBd4uFSIJSp6sK38WC6%2BXor9k%2FpFr30%2BSDAj%2Be7v8K3F3hnp%2BbxYMWvzEd4H4NK%2Fwusp11Vf9nQxd3b%2FaUufgE%3D&RelayState=cookie%3A1743175453_c611
Content-Length: 1069
Keep-Alive: timeout=5, max=82
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743175453_c611_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175453_c611=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175453_c611_fgvars=199f5493365762a47fc7db0fcfe7a27d; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175453_c611=199f5493365762a47fc7db0fcfe7a27d; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/profile/SAML2/Redirect/SSO?SAMLRequest=xZrdj5pAfTav3v9BuBcdJk07NafitIR%2BUITY1TW%2FICaedBBgQW6j99x1QW2zTmqf301cnnHfOec7HMB0kyCvk1PJ7fncCjBiGLS5GArWou77zeJeiqFALKUAgmSDsrFTMgao4kyyhOW65ggBXFWuugUdQEcAz%2FRBF7D1Vw%2FSL1kZJpSyL6ApOZgqHGSCLJRKfGpwaDSFRKc3qyY%2BvrlSsWfU3jFwcHoei9%2BNuNZ%2BIj3e9ZDvJoQMfMnsQygy20dG2p0GLJGoj3Kc%2Fns9FEMmrZDkQ14XBQajBVHFnV4RYuhJRySKSJ8VbX%2FOvcj4fTaTYeIW37eIX5tshokiWtd%2FTkgmwJqkSiZEDX4pJCh1XLcGLrg%2FSPvWp2g4RtYIDe3vuhbc2vWZ1iktD497u7%2BKBpCSRUH%2FWuIOuGjUJwJ98FTUu55Z4yrUEvD08B7HJ%2FeJ6QvshTvf9eIg3078pRfG2HNFQ8%2FAp68tRP43nq/iTzdj%2BKvV7Nj9T1oLCvGgb98N6CZ2WH5jbBOG0XhLwOW0%2BSn5uQ507sciIS5PtTNN%2FVNfNtGSNvddJvBXaTmsqLinIqnC3Ahiez0oadh09G94Oaq0BCy%2F%2BLLI8sgBd4uFSIJSp6sK38WC6%2BXor9k%2FpFr30%2BSDAj%2Be7v8K3F3hnp%2BbxYMWvzEd4H4NK%2Fwusp11Vf9nQxd3b%2FaUufgE%3D&RelayState=cookie%3A1743175453_c611">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743175187_da04_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743175168_1459_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175168_1459=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175168_1459_fgvars=_b2f0abab35b4d7a044746d55b9c58927; _opensaml_req_cookie%3A1743175168_1459=_b2f0abab35b4d7a044746d55b9c58927
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:24:13 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swDMfPu58Cq8Qs91NrCRSSstAWKQ%2BkZajqBTLkScWbprbz2G9fQ5IWV7VR1Ut8GjF%2Fz%2FzmI'YaSFmFJ3uIKyP4uQepjFORLxI3jPqG5FjYmVDKJSlgAwCrFZDKfYWQ5uBJc8ZTnpjGREoRivPR4KfcF
CALiWfJ4i2Yjc6dUJbFtK6k6EtK9AEvHUIDQikHBSWUW7aUvZKzg5toX20hRFZsk7xOSJhE%2FmuwXpG22bHlmuEGdPaU3K5Jk80uSWaU43OSlpDfE55PB6tOpLVzra1OcmArVaDrevIWA6XcBFsmIBU2YQsTSOYjsyk23%2BB54
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8vF7VvBxEyC1Zuor%2BHTYUSEgbTtWma2i2W3wgrvNALuWTTkOUvfjUme8MngCoYmV3T%2F1BfXJdthE2zm149uMyPF5UMDBZdwFONFWtPjwY5060L3i5LjSC7H%2F6Ussy2IBolgrTFKd1NH3he88ZLI5div1TuvFD69wJ8P5811
f48QK3%2FFA%2FFqLtGbgFcb8k91%2BQDOOs2BsuGjCq%2Fe9i91%2FAs%3D&RelayState=cookie%3A1743175453_4baa
Content-Length: 1053
Keep-Alive: timeout=5, max=46
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743175453_4baa_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175453_4baa=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175453_4baa_fgvars=187e6904ab8f6f72c09325c2b3228fd2; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175453_4baa=187e6904ab8f6f72c09325c2b3228fd2; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swDMfPu58Cq8Qs91NrCRSSstAWKQ%2BkZajqBTLkScWbprbz2G9fQ5IWV7VR1Ut8GjF%2Fz%2FzmI'YaSFmFJ3uIKyP4uQepjFORLxI3jPqG5FjYmVDKJSlgAwCrFZDKfYWQ5uBJc8ZTnpjGREoRivPR4KfcF
CALiWfJ4i2Yjc6dUJbFtK6k6EtK9AEvHUIDQikHBSWUW7aUvZKzg5toX20hRFZsk7xOSJhE%2FmuwXpG22bHlmuEGdPaU3K5Jk80uSWaU43OSlpDfE55PB6tOpLVzra1OcmArVaDrevIWA6XcBFsmIBU2YQsTSOYjsyk23%2BB54
HzRNf97Dl7QakzcFvFwSxCoX62QVcm5R6CUipagpGJHNTirOG4H9eNuD6Yn3HV%2FmEZ4adcXVm5Yub3d2%2FVZJPHXQA475xJXIGrTnhaY48fHh%2FMZ1qPCDYFoDe92fHgdnDkmfRQKPD8Jo%2BUgmPpRQnzvLfItEpDYN0%2FCwJ
8vF7VvBxEyC1Zuor%2BHTYUSEgbTtWma2i2W3wgrvNALuWTTkOUvfjUme8MngCoYmV3T%2F1BfXJdthE2zm149uMyPF5UMDBZdwFONFWtPjwY5060L3i5LjSC7H%2F6Ussy2IBolgrTFKd1NH3he88ZLI5div1TuvFD69wJ8P5811
f48QK3%2FFA%2FFqLtGbgFcb8k91%2BQDOOs2BsuGjCq%2Fe9i91%2FAs%3D&RelayState=cookie%3A1743175453_4baa">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743175187_da04_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743175168_1459_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175168_1459=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175168_1459_fgvars=_b2f0abab35b4d7a044746d55b9c58927; _opensaml_req_cookie%3A1743175168_1459=_b2f0abab35b4d7a044746d55b9c58927
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:24:13 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBuAcSkzSNLUSiBG2R8CrfjapekAOTxBJgajuP2FFYlJFhwVrtVvaxPI2Bbvmd88zETSIq2Bwe1SHMoKFR5DKuBR5KXhjmJpHUWUJZO4pAVIrFJM3OUCI6uHK8EVT3luGg6UIBTjpodLes
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BfrLexbwXsgg2Tqk%2Fh7WFEhIG83cDmtgt1t8IK7zSfME85D1LXw03z%2FhZE0AVIM2%2Bab%2Bpb%2BLbNkLW7KZXD%2B6iDI8XFRVMI12AC01Vgw8d49qJ9gUv14VGsPuFvtSyHfWQgmqXCNMjpHUIf%2BD7sjVfFbsX%2BKd2s
0zofEBPjxfRdK%2BpYC9%2FxpUPz6i7QV6hPcxSM6%2FIBnGVfW0DZ3dvelf6uwX&RelayState=cookie%3A1743175453_a4be
Content-Length: 1055
Keep-Alive: timeout=5, max=63
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743175453_a4be_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175453_a4be=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175453_a4be_fgvars=_b42072aaca7a352dca62725f94doe3a; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175453_a4be=_9b42072aaca7a352dca62725f94doe3a; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBuAcSkzSNLUSiBG2R8CrfjapekAOTxBJgajuP2FFYlJFhwVrtVvaxPI2Bbvmd88zETSIq2Bwe1SHMoKFR5DKuBR5KXhjmJpHUWUJZO4pAVIrFJM3OUCI6uHK8EVT3luGg6UIBTjpodLes
xAEERAnIsJLtJiaB6UqiWlBScWVkB4FMDqegoJWDApeKrcYscWskpychET7GgsLsmJZ8uyGMLn852C98mlyYnStz0EdLQm5XZMg0lyT2DhmQp2VtIZ4n%2FJ8P1t1JKudbU91EgF7rQZb17FjOdzCRZAvAamyCvmbRjCfmsL400C9Ea
I0pSPqPFGW0k9ohIa78SBLwaFaJuURglIqWqppiXpo2005XfQ57g8xGuC%2B88M0wlu7vzAyY%2BX%2BdW%2B3V5HEX%2B447F5L3ICQITXLaYM6enjrXM61HhRsC0Rre4%2FjOPjFzRvxoE3h%2BEkbrTTD3o4T43kvkWyQgsb90w8
BfrLexbwXsgg2Tqk%2Fh7WFEhIG83cDmtgt1t8IK7zSfME85D1LXw03z%2FhZE0AVIM2%2Bab%2Bpb%2BLbNkLW7KZXD%2B6iDI8XFRVMI12AC01Vgw8d49qJ9gUv14VGsPuFvtSyHfWQgmqXCNMjpHUIf%2BD7sjVfFbsX%2BKd2s
0zofEBPjxfRdK%2BpYC9%2FxpUPz6i7QV6hPcxSM6%2FIBnGVfW0DZ3dvelf6uwX&RelayState=cookie%3A1743175453_a4be">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743175187_da04 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743175168_1459_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743175168_1459=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743175168_1459_fgvars=_b2f0abab35b4d7a044746d55b9c58927; _opensaml_req_cookie%3A1743175168_1459=_b2f0abab35b4d7a044746d55b9c58927
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 15:24:13 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swMFp2Uj2BBuAcSkzS7VhKJErfYonNip6QOSMEkuAge08%2BulrSLJiqzaqolPI%2Bvmd88zFjSIq%2BweID7MoIFb5DKObd5K0HjmJghUWUJZO4pAVIrFUM3MUcI6uHK8EVT3luGg6UIBTjpcdLeS
hAEFBHlsJbNj%2BYe6UqpiWlBsdWvKb4EMDqegoJWDapeKrCYscWskpwchUT7GgsLsmJZ8uqSMln8L2C19G2yZ5snZ0HtLSm5XZMg01yR2DRmQp2VtIb4mPJ00111JKudbUd1EgE7rQZb17F1OVzDRZAvAaamyCvMZRjComErWZkNE7
copYPR2pi%2B9JxPg1E%2FQ4CynjMaapnUBwhKqWipJibqoWG353TRc9wFYjTAfee7aYTxdnImzcbk3F3ebi4iib%2FEcdi91LlgGIzvytMccPj11Lmdcjwo3BK1lvPvx6W1i5pT40Trw%2FCSMutg5kcoJ8b23yLdIQGJ%2F4YaBv1
gtY98K4mQerJLEfw9rCyUkDGYfbjS2Wyy%2FEVZ4qGmCwchzlv403DznJ08AVTAx%2B6b9rr6Kr9sIWbObXj24szI8XLRUMF13Ac40Va0%2BdIXLJ9cXvFwXGsH2F%2FpSy7aQgWiWcTMjp3U0feHbsPey%2FHot9k%2Fppp3WeRDg
4%2F1ur%2FD9Be74sX58Rntzd%2FVmuJjOvyAZxXclw2d3rztX%2Br0Fw%3D%3D&RelayState=cookie%3A1743175453_9c9f
Content-Length: 1057
Keep-Alive: timeout=5, max=81
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743175453_9c9f_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743175453_9c9f=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743175453_9c9f_fgvars=dcd52a8f2ca47b5c9036471d2e2d0375; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743175453_9c9f=_dcd52a8f2ca47b5c9036471d2e2d0375; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swMFp2Uj2BBuAcSkzS7VhKJErfYonNip6QOSMEkuAge08%2BulrSLJiqzaqolPI%2Bvmd88zFjSIq%2BweID7MoIFb5DKObd5K0HjmJghUWUJZO4pAVIrFUM3MUcI6uHK8EVT3luGg6UIBTjpcdLeS
hAEFBHlsJbNj%2BYe6UqpiWlBsdWvKb4EMDqegoJWDapeKrCYscWskpwchUT7GgsLsmJZ8uqSMln8L2C19G2yZ5snZ0HtLSm5XZMg01yR2DRmQp2VtIb4mPJ00111JKudbUd1EgE7rQZb17F1OVzDRZAvAaamyCvMZRjComErWZkNE7
copYPR2pi%2B9JxPg1E%2FQ4CynjMaapnUBwhKqWipJibqoWG353TRc9wFYjTAfee7aYTxdnImzcbk3F3ebi4iib%2FEcdi91LlgGIzvytMccPj11Lmdcjwo3BK1lvPvx6W1i5pT40Trw%2FCSMutg5kcoJ8b23yLdIQGJ%2F4YaBv1
gtY98K4mQerJLEfw9rCyUkDGYfbjS2Wyy%2FEVZ4qGmCwchzlv403DznJ08AVTAx%2B6b9rr6Kr9sIWbObXj24szI8XLRUMF13Ac40Va0%2BdIXLJ9cXvFwXGsH2F%2FpSy7aQgWiWcTMjp3U0feHbsPey%2FHot9k%2Fppp3WeRDg
4%2F1ur%2FD9Be74sX58Rntzd%2FVmuJjOvyAZxXclw2d3rztX%2Br0Fw%3D%3D&RelayState=cookie%3A1743175453_9c9f">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L:I/L:A/N/E:U/RL:O/R:C/C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743266261_5c25_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743266228_e6d7_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266228_e6d7=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266228_e6d7_fgvars=4dc68a7d2ddd764a9738e7a438423a6; _opensaml_req_cookie%3A1743266228_e6d7=4dc68a7d2ddd764a9738e7a438423a6; _shibstate_1743266255_197b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266255_197b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266255_197b_fgvars=_7fe6456a2a2ce696ef656c7e28695bba; _opensaml_req_cookie%3A1743266255_197b=_7fe6456a2a2ce696ef656c7e28695bba
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:28 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAfTavd38F4V5Ark5M1Iqi2ZLAGRnWNL0hIxx1BmDozKD233dA3bBNa5reOfcnnHfOec7HMBGkyCvklvJQrVcJBiGlc5GArWQq77zeEjEiqEALKUAgnSLsLhfINixUcSZZynJdc4UALikrPvAKugOgR9pOm%2FRyqpfKwEMk0pZE9AWHmWdWJBakoFKyUYTBpC1E1OT00BjvrLTsRfc2SvxeHSeS2FBunVb%2BID3W5ZDvJgCMHnsQ2wzWodW2u0GLJGoiPKU%2Bnk9FEMrrZ9kQ14bBXajBVHTuawzVcBbn1kEoT47WuBfOpnuxexn1r%2BMkh4lw4ulHmWH2bpGRMtqk1HoyIkg1RQ1AKSUo51W3LHvasQc924v4IDS1kj7%2FvWht12daZrTc3%2B%2F9iIS6Esch71LiRvgoi1PCFTZ8%2FFT5UyaUaGwGHeGdz8%2BuU1Mn2E%2F2gSen4TrehPM%2FsjBvvcW%2BQYocOwv3TDwl%2BtV7BtBnCyzSBR38FGshMcBMPA5qYH2bfCOu0UhtBFGQ5TX9qbp6zk8eBSJjqfd18V1%2FF122EhN1NrxncdWoeKyrCgWi6AGeSyk4fnnRLJ7oXvFWGshuf%2FrsyHaQAW%2BXQpEUpjU00deHb0HJWX6%2FT%2FInd7K1zHgT4eL7bK3x%2FgXt2bB4fVvbCvof3GRTBvyBp2kX1lw2d3bzdK%2BrsFw%3D%3D&RelayState=cookie%3A1743267028_a282
Content-Length: 1059
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743266228_e6d7_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743266228_e6d7=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743266228_e6d7_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743266228_e6d7=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743267028_a282_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267028_a282=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267028_a282_fgvars= f7810549ae979f6d9012aca8abc0836a; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267028_a282= f7810549ae979f6d9012aca8abc0836a; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?SAMLRequest=xZrdj5pAfTavd38F4V5Ark5M1Iqi2ZLAGRnWNL0hIxx1BmDozKD233dA3bBNa5reOfcnnHfOec7HMBGkyCvklvJQrVcJBiGlc5GArWQq77zeEjEiqEALKUAgnSLsLhfINixUcSZZynJdc4UALikrPvAKugOgR9pOm%2FRyqpfKwEMk0pZE9AWHmWdWJBakoFKyUYTBpC1E1OT00BjvrLTsRfc2SvxeHSeS2FBunVb%2BID3W5ZDvJgCMHnsQ2wzWodW2u0GLJGoiPKU%2Bnk9FEMrrZ9kQ14bBXajBVHTuawzVcBbn1kEoT47WuBfOpnuxexn1r%2BMkh4lw4ulHmWH2bpGRMtqk1HoyIkg1RQ1AKSUo51W3LHvasQc924v4IDS1kj7%2FvWht12daZrTc3%2B%2F9iIS6Esch71LiRvgoi1PCFTZ8%2FFT5UyaUaGwGHeGdz8%2BuU1Mn2E%2F2gSen4TrehPM%2FsjBvvcW%2BQYocOwv3TDwl%2BtV7BtBnCyzSBR38FGshMcBMPA5qYH2bfCOu0UhtBFGQ5TX9qbp6zk8eBSJjqfd18V1%2FF122EhN1NrxncdWoeKyrCgWi6AGeSyk4fnnRLJ7oXvFWGshuf%2FrsyHaQAW%2BXQpEUpjU00deHb0HJWX6%2FT%2FInd7K1zHgT4eL7bK3x%2FgXt2bB4fVvbCvof3GRTBvyBp2kX1lw2d3bzdK%2BrsFw%3D%3D&RelayState=cookie%3A1743267028_a282">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743266261_5c25 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743266228_e6d7_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266228_e6d7=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266228_e6d7_fgvars=_4dc68a7d2ddd764a9738e7a438423a6; _opensaml_req_cookie%3A1743266228_e6d7=_4dc68a7d2ddd764a9738e7a438423a6; _shibstate_1743266255_197b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266255_197b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266255_197b_fgvars=_7fe6456a2a2ce696ef656c7e28695bba; _opensaml_req_cookie%3A1743266255_197b=_7fe6456a2a2ce696ef656c7e28695bba
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:27 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEfmFu58Cq8Q0UrKJLUSiBG2R8qCjapekANDYgkwtZ1Hv30NSVZs1UZVL%2FFpxPw985uHnQhSFjVYd3JfRfDjAEJq57KoBGodU%2F3AK8SiOAJVpASBZlqwu1wg27BQzZ1kKSt0zRUQkKSs81g1DiVwDP
xIU3iLlFN9L2UtkG1KDXsC0gmHQ8WTUJKaQskqCQaVphB1UtDjIFG%2B1rITUdMseXvmeT%2Ba7Be%2BSbe0%2B2WFSD3hhDMehsMLzjWnfmOp1WpIH4mPJ00h1NJRKbbUdUEg47pQZT1ZHTAg7hIsgoh1SaGK91LZhP9SR%2FTf
3%2BMB8P7bHlwCjJHcf%2BNLRT0k%2BHLAORpWRCHOCohCSvnoQ2ZTs9a9Czx3F%2FiBwL2aPvnhZe2%2FWZVhmtcdvd7u72IBPcSx2HvUuIGuGjUJwJ99vz8dDmfZ1SoJeC4d2PT24T02fYjzaB5ydhntN4Ecz9Kso%2B9Rb6BAxz7
SzcM%2FOV6FftGEcELYNII1PewsewEh8Hw4AmZof1N8IarRRFMA9ZQdOfmLsU7ORxIBKme18339vX8XUlbIwt302sGd5aax8qacQgaLsCZpLLThyft0onuBa9QhUaQ%2F09fGLkOGfB2qBRJUdpBUxe%2B0dZ49FVa7J%2FSzZ4650
Gaj%2Be7vcL3F7hjx%2BbxYUWv7Ht4j0Ea%2FAuSp11Uf9nQ2c3b%2FaXOfgE%3D&RelayState=cookie%3A1743267028_b219
Content-Length: 1057
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743266228_e6d7_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743266228_e6d7=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743266228_e6d7_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743266228_e6d7=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743267028_b219_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267028_b219=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267028_b219_fgvars=_f7a116f962905e8df552462ca1c67380; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267028_b219=_f7a116f962905e8df552462ca1c67380; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEfmFu58Cq8Q0UrKJLUSiBG2R8qCjapekANDYgkwtZ1Hv30NSVZs1UZVL%2FFpxPw985uHnQhSFjVYd3JfRfDjAEJq57KoBGodU%2F3AK8SiOAJVpASBZlqwu1wg27BQzZ1kKSt0zRUQkKSs81g1DiVwDP
xIU3iLlFN9L2UtkG1KDXsC0gmHQ8WTUJKaQskqCQaVphB1UtDjIFG%2B1rITUdMseXvmeT%2Ba7Be%2BSbe0%2B2WFSD3hhDMehsMLzjWnfmOp1WpIH4mPJ00h1NJRKbbUdUEg47pQZT1ZHTAg7hIsgoh1SaGK91LZhP9SR%2FTf
3%2BMB8P7bHlwCjJHcf%2BNLRT0k%2BHLAORpWRCHOCohCSvnoQ2ZTs9a9Czx3F%2FiBwL2aPvnhZe2%2FWZVhmtcdvd7u72IBPcSx2HvUuIGuGjUJwJ99vz8dDmfZ1SoJeC4d2PT24T02fYjzaB5ydhntN4Ecz9Kso%2B9Rb6BAxz7
SzcM%2FOV6FftGEcELYNII1PewsewEh8Hw4AmZof1N8IarRRFMA9ZQdOfmLsU7ORxIBKme18339vX8XUlbIwt302sGd5aax8qacQgaLsCZpLLThyft0onuBa9QhUaQ%2F09fGLkOGfB2qBRJUdpBUxe%2B0dZ49FVa7J%2FSzZ4650
Gaj%2Be7vcL3F7hjx%2BbxYUWv7Ht4j0Ea%2FAuSp11Uf9nQ2c3b%2FaXOfgE%3D&RelayState=cookie%3A1743267028_b219">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743266261_5c25 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743266228_e6d7_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266228_e6d7_fgvars=4dc68a7d2ddd764a9738e7a438423a6; _shibstate_1743266255_197b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266255_197b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266255_197b_fgvars=7fe6456a2a2ce696ef656c7e28695bba; _opensaml_req_cookie%3A1743266255_197b=7fe6456a2a2ce696ef656c7e28695bba
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:28 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58Ccq%2BvLLuJLUSiBG2R8qCjapekAOTxBJgajuP%2FFYlJFmwRtVvcSnEfP3zG8eZiRIWdIT28tdFcPPPQipnociEghljfU9mxAjgggUkRIekhnC3nyGHMNCWeSZazQNU8I4JKyymeV2JfAMf
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kzhIE9zFxCXu3XnzxtZ8IseFzyTYQlgJSSo51h3LcXtWw%2BdME%2FsZuRZyBj90lBq06wutclptb%2Fd2fRyJ9DVJot65x8Ww0ZanBPrk8fhfhfbNgFBLwDvDux2FXCentl3AQrOI%2FSGN4uQgnQZziwH%2BLAwOHQArmVhQG8%
2BUiCYwSWfhqp%2Bg7lFjOGmOwmnAY3MDstvhDVaKtpwGrGCzu%2BaVxTs6HmGEsa6rZsf6ov4so2Qt7vpN4M7Sc1nZU04FU0X4EQy2enDg3buRPeCX6hCY9j8T18a2Qzy401SIZKnrImlLnx3reHl26XYP6WbPHtOnQDvz3d9hR
8vclMsOzePdy45t%2FDug9T%2FFyRNO6v%2BsqGtq7f7S538Ag%3D%3D&RelayState=cookie%3A1743267028_a039
Content-Length: 1049
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743266228_e6d7_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743266228_e6d7=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743266228_e6d7_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743266228_e6d7=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743267028_a039_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267028_a039=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267028_a039_fgvars= 8249e7d29e819c5aa51d0725514aa1e6; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267028_a039= 8249e7d29e819c5aa51d0725514aa1e6; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58Ccq%2BvLLuJLUSiBG2R8qCjapekAOTxBJgajuP%2FFYlJFmwRtVvcSnEfP3zG8eZiRIWdIT28tdFcPPPQipnociEghljfU9mxAjgggUkRIekhnC3nyGHMNCWeSZazQNU8I4JKyymeV2JfAMf
ADzeAtno3lnZS1QKypheWjYpYcDBVfQklqCiWnJhUnkLJaUEP%2FVT5wstJRU3z9NDUoRhr%2BFyEZh4R9drVoDcGUlswyFczGiJE12bKnRakQbic8rj8Wg0kYxuti1RSThs1RpMoeGFhAJFONOWTSxHipa%2BF0rKcd52kIL7
kzhIE9zFxCXu3XnzxtZ8IseFzyTYQlgJSSo51h3LcXtWw%2BdME%2FsZuRZyBj90lBq06wutclptb%2Fd2fRyJ9DVJot65x8Ww0ZanBPrk8fhfhfbNgFBLwDvDux2FXCentl3AQrOI%2FSGN4uQgnQZziwH%2BLAwOHQArmVhQG8%
2BUiCYwSWfhqp%2Bg7lFjOGmOwmnAY3MDstvhDVaKtpwGrGCzu%2BaVxTs6HmGEsa6rZsf6ov4so2Qt7vpN4M7Sc1nZU04FU0X4EQy2enDg3buRPeCX6hCY9j8T18a2Qzy401SIZKnrImlLnx3reHl26XYP6WbPHtOnQDvz3d9hR
8vclMsOzePdy45t%2FDug9T%2FFyRNO6v%2BsqGtq7f7S538Ag%3D%3D&RelayState=cookie%3A1743267028_a039">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L:I/L:A/N:E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743266261_5c25_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743266228_e6d7_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266228_e6d7_fgvars=4dc68a7d22ddd764a9738e7a438423a6; _shibstate_1743266255_197b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266255_197b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266255_197b_fgvars=_7fe6456a2a2ce696ef656c7e28695bba; _opensaml_req_cookie%3A1743266255_197b=_7fe6456a2a2ce696ef656c7e28695bba
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:28 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAFIav3V9BuBcQxkWiNaFitIR%2BUITY1TW%2FICedEBG6M7uv%2B%2BAumGbljS9ca5000%2Bc85yPYSJIWdITIO8pDFcPPIwipncuiEghlTFUjrnAjpggpUkRIEkhnC3nKbMNCNWeSZazQNU8I4JKyymeV
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FVO6W9zhHgt4eL7bk%2Fx4gkvZ1jw%2BrOyFFQ%2FVMIJovyBp2kXl1w2d3bzdx2BrsFw%3D%3D&RelayState=cookie%3A1743267028_4184
Content-Length: 1069
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743266228_e6d7_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743266228_e6d7=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743266228_e6d7_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743266228_e6d7=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743267028_4184_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267028_4184=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267028_4184_fgvars=09128d1046bc33d445d0969552afodea; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267028_4184=09128d1046bc33d445d0969552afodea; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAFIav3V9BuBcQxkWiNaFitIR%2BUITY1TW%2FICedEBG6M7uv%2B%2BAumGbljS9ca5000%2Bc85yPYSJIWdITIO8pDFcPPIwipncuiEghlTFUjrnAjpggpUkRIEkhnC3nKbMNCNWeSZazQNU8I4JKyymeV
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8cB%2BzgfWcLlNHKcFdT3cGo%2FGmuIXZYDUTiThjHwQpJKThvbst2%2B5fTtCTIYIdc9WfXcuu7fpCg5xW%2B2Fu93V5EAnlNkqh%2FQEDXLTlKYE%2Be3rqxc6kGRVgCQhnePfjk9vE9Bko4k3oB2kUrzfPhIhTHPivcWdg
ECF80ovCYLleJYERJuki3Dip%2Bh411p3iKJx%2FGHDE7LD8RLijlaII5xEraPauexMBTj4HImGqD3TzQ30VX7cR8nY3%2FWZwZ6n5rWwJp6LpApxJJjt96GmXThQv%2BIUqNtbd%2F%2FSLke0gB94uFSIZyppo6sJ31xqrv12L%2
FVO6W9zhHgt4eL7bk%2Fx4gkvZ1jw%2BrOyFFQ%2FVMIJovyBp2kXl1w2d3bzdx2BrsFw%3D%3D&RelayState=cookie%3A1743267028_4184">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante

Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743266938_a55b_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743266911_d7f0_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266911_d7f0=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266911_d7f0_fgvars=_ala6ela4b502be602b1487d7f3f9f521; _opensaml_req_cookie%3A1743266911_d7f0=_ala6ela4b502be602b1487d7f3f9f521; _shibstate_1743266932_8af7_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266932_8af7=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266932_8af7_fgvars=_8d52399e0fdb3d5d3910737838c988; _opensaml_req_cookie%3A1743266932_8af7=_8d52399e0fdb3d5d3910737838c988
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:28 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBuAcIWbBSiJRgrZiEVDMLUvYIFJYgkwtZ3HfVuaPFZs1UZVL%2FFpxPw985uHQ1SFjXy9nJx6fBzD0Jqp7KoBDo7xvgeV4gRQWgSAkCyQxhzbz5DtmGmmjRUMlbomi.cEcElZ5bNK7EvGp
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2Be7vcKPF7h1h%2BxwXWp7Ht4j0Hq%2FwuSp11Uf9nQyc3b%2FqVofgE%3D&RelayState=cookie%3A1743267028_8e2c
Content-Length: 1053
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743266911_d7f0_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743266911_d7f0=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743266911_d7f0_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743266911_d7f0=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743267028_8e2c_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267028_8e2c=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267028_8e2c_fgvars=0a59d6c54e79519072a9a8db82037884; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267028_8e2c=0a59d6c54e79519072a9a8db82037884; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBuAcIWbBSiJRgrZiEVDMLUvYIFJYgkwtZ3HfVuaPFZs1UZVL%2FFpxPw985uHQ1SFjXy9nJx6fBzD0Jqp7KoBDo7xvgeV4gRQWgSAkCyQxhzbz5DtmGmmjRUMlbomi.cEcElZ5bNK7EvGp
iBzvAwz8b6TspaINOUqnYFZhsOhoonoSQ1hZJVEgwqfTSHgtKCHfgp8Z8tORU3z9NNDURoHr%2BFyEZh4R9drVoDoGUiwsyGczWlJEl2bKnRakQbic8rj8Wg0kYx2ti1RSThs1RqM/oeGFhANFONOOwTSxHipa%2BF0rKcWcdz8JX0e
YeA6Pdca2Q1w3w9tK3%2BYDh8VjIh9hEWQpJKjnXbsp2u1e%2FabtJ7QY6F7OEPXuu7fpCg5xw2%2Fu9XV9EAnlnKqh7KOEFXJzUJw98vTUuZxRMyp0JuCt4d2PT24T0yc4iFehH6RRvFyF0yBoocC%2FXYGBQ5wEcy8Kg%2FLy
kQRGnKSzcNVP1feosewUR%2BH004BGZov1N8IaLRRFO11YQhN3zSsKchvQ5EA1jvaebH%2Bqr%2BLqNk93028Gd5Kaz8qacQgaLsCJZLLVh4526UT7gl%2BoQmPY%2FE9fGtKgcuDnpUIkQ1kTIV3471ju4tu12D%2BIm3Ra50GAj%
2Be7vcKPF7h1h%2BxwXWp7Ht4j0Hq%2FwuSp11Uf9nQyc3b%2FqVofgE%3D&RelayState=cookie%3A1743267028_8e2c">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/R:C/C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743266938_a55b_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743266911_d7f0_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266911_d7f0=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266911_d7f0_fgvars=_ala6ela4b502be602b1487d7f3f9f521; _opensaml_req_cookie%3A1743266911_d7f0=_ala6ela4b502be602b1487d7f3f9f521; _shibstate_1743266932_8af7_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266932_8af7=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266932_8af7_fgvars=_8d52399e0fddc3d5d3910737838c988; _opensaml_req_cookie%3A1743266932_8af7=_8d52399e0fddc3d5d3910737838c988
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:28 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcILKvESiJRgrZiEiVIMRlUviMAksQQ2tZ3HfvsakqzYqp2q%uLTiPl75jcPMkZzVdbIO8g9jeHnAYTuzlVJBWodE%2F3AKWKZIALRrAKBZI6wt5gj27BQzZlK0St1zRMDuCSM%2BoyKQwUc
Az%2BSHN7i%2BUTFS1kiZjP5yL6A%2FMDBUPEKvF1NoGJugKkUSdluTqgMrWnYqalKcnx600jh4DVfLwMR7stmrEjTeIKZDY1tRiuc6NpMoRoANRCfU55OJ60JZHSz7TKvHMNOqcFudWxJCddmMRSEQy5NjFe6Fs4mevpsDl03
Hzw7rgsbcd%2FBI5cNtUcDGKx3ZAlAyYQ4GEiFzKi6LZlu33L6dujZPCCXvZw%2B6F13b9YXqgtDd%2F5uLiKbviZJlL%2BUuAYu2vKUQJ8%2BPFUuZ9yMCrUevD08%2B%2FGz28TOKQ7idegHaRSvluEsiFM%2BG9xYQAQJ8
HCi8JgsVongREm6TxcO6n6HjWWeIonH0aONjssPxGWKOloghNEstJ%2Fq55ZcLOPodMwKQf6OaH%2Bic%2BbiMU7W76zeDOuVNZWeciRYLcM5y2eLDIT7t0cnvBLlWnMwz%2Fpy%2BnAsF8HapUJajvImmlnx3rdHy27XYP6Wb9j
mQYCP57u9wo8XuGPH5vFhZc%2Fte3iPQXL%2BBUnTLqg%2FbOj05u3%2BUqe%2FAA%3D%3D&RelayState=cookie%3A1743267028_727c
Content-Length: 1065
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743266911_d7f0_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743266911_d7f0=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743266911_d7f0_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743266911_d7f0=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743267028_727c_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267028_727c=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267028_727c_fgvars= 42855c14355eb5160c8fddeb3d35901e; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267028_727c= 42855c14355eb5160c8fddeb3d35901e; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcILKvESiJRgrZiEiVIMRlUviMAksQQ2tZ3HfvsakqzYqp2q%uLTiPl75jcPMkZzVdbIO8g9jeHnAYTuzlVJBWodE%2F3AKWKZIALRrAKBZI6wt5gj27BQzZlK0St1zRMDuCSM%2BoyKQwUc
Az%2BSHN7i%2BUTFS1kiZjP5yL6A%2FMDBUPEKvF1NoGJugKkUSdluTqgMrWnYqalKcnx600jh4DVfLwMR7stmrEjTeIKZDY1tRiuc6NpMoRoANRCfU55OJ60JZHSz7TKvHMNOqcFudWxJCddmMRSEQy5NjFe6Fs4mevpsDl03
Hzw7rgsbcd%2FBI5cNtUcDGKx3ZAlAyYQ4GEiFzKi6LZlu33L6dujZPCCXvZw%2B6F13b9YXqgtDd%2F5uLiKbviZJlL%2BUuAYu2vKUQJ8%2BPFUuZ9yMCrUevD08%2B%2FGz28TOKQ7idegHaRSvluEsiFM%2BG9xYQAQJ8
HCi8JgsVongREm6TxcO6n6HjWWeIonH0aONjssPxGWKOloghNEstJ%2Fq55ZcLOPodMwKQf6OaH%2Bic%2BbiMU7W76zeDOuVNZWeciRYLcM5y2eLDIT7t0cnvBLlWnMwz%2Fpy%2BnAsF8HapUJajvImmlnx3rdHy27XYP6Wb9j
mQYCP57u9wo8XuGPH5vFhZc%2Fte3iPQXL%2BBUnTLqg%2FbOj05u3%2BUqe%2FAA%3D%3D&RelayState=cookie%3A1743267028_727c">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante

Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743266938_a55b (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743266911_d7f0_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266911_d7f0=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266911_d7f0_fgvars=_ala6ela4b502be602b1487d7f3f9f521; _opensaml_req_cookie%3A1743266911_d7f0=_ala6ela4b502be602b1487d7f3f9f521; _shibstate_1743266932_8af7_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266932_8af7=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266932_8af7_fgvars=_8d52399e0fddc3d57d3910737838c988; _opensaml_req_cookie%3A1743266932_8af7=_8d52399e0fddc3d57d3910737838c988
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:28 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRZj5swEdef58C8R4gztFkK41ECdoi5aCjjaq%2BIMEzJYAU9s5%2BulrcqzYqp2qvsRPI%2Bvmd8cZghokVfY3%2BtdmcCPPShnYq8VPjsGnL7WUJBFVe4pAUorBkm%2FmyKkePhSgotrMnty1cKpOaiDESpgvIAvLAqbw105G907pS2HW10m0FbC%2FBME0FLTiUthSg801q1SV5fzQzYzvbkFMXydvfokzplwNvtdMq5fs%2BGoLctA7Rynh1iTIjRckta2JQeclrSE%2BpjweJ04dyWlm21KTRMLWqME1dWx4DtdwCay5BKZdQha2FUIGdtbv07qD269TouQmztDTYmbT5Rj7EebDxkZertISqVpqlje2chd%2FbbDbaOxtDPAfQ%2Bj5%2B%2B2FV%2Fb9ZmKa15u7%2Fd2dREp%2FCVn4%2FalcxVIdS7PCOzx01ProoblgPCZQDaGdz8%2BvU3M4pMwUzBmMxJYhlnWiqjYfCWha6JSBrO%2FDgKZ4t5GjPmK2jZTcz3%2BPaQmJo8mHAQ3dBstvhBWeG4poEoucs5%2BWh%2BfiGEigGkZ2x3bf1VfxRthfd7NoB7cSVuBKCoqua7ACfKdRMPLevSleaFIDeFJrd5n77Usg2sQZ6XC1CGWR3NXPjW917mX6%2FF%2FInduU4DwJ8PN%2FtFb6%2FwK0411%2BPGHuK7uE9Bqn7L0iWdH9ZUPHN2%2Fz1zr%2BBQ%3D%3D&RelayState=cookie%3A1743267028_ff74
Content-Length: 1073
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743266911_d7f0_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743266911_d7f0=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743266911_d7f0_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743266911_d7f0=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743267028_ff74_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267028_ff74=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267028_ff74_fgvars= 54252468011ab1cd06fc2f7a0cc4ef02; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267028_ff74= 54252468011ab1cd06fc2f7a0cc4ef02; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRZj5swEdef58C8R4gztFkK41ECdoi5aCjjaq%2BIMEzJYAU9s5%2BulrcqzYqp2qvsRPI%2Bvmd8cZghokVfY3%2BtdmcCPPShnYq8VPjsGnL7WUJBFVe4pAUorBkm%2FmyKkePhSgotrMnty1cKpOaiDESpgvIAvLAqbw105G907pS2HW10m0FbC%2FBME0FLTiUthSg801q1SV5fzQzYzvbkFMXydvfokzplwNvtdMq5fs%2BGoLctA7Rynh1iTIjRckta2JQeclrSE%2BpjweJ04dyWlm21KTRMLWqME1dWx4DtdwCay5BKZdQha2FUIGdtbv07qD269TouQmztDTYmbT5Rj7EebDxkZertISqVpqlje2chd%2FbbDbaOxtDPAfQ%2Bj5%2B%2B2FV%2Fb9ZmKa15u7%2Fd2dREp%2FCVn4%2FalcxVIdS7PCOzx01ProoblgPCZQDaGdz8%2BvU3M4pMwUzBmMxJYhlnWiqjYfCWha6JSBrO%2FDgKZ4t5GjPmK2jZTcz3%2BPaQmJo8mHAQ3dBstvhBWeG4poEoucs5%2BWh%2BfiGEigGkZ2x3bf1VfxRthfd7NoB7cSVuBKCoqua7ACfKdRMPLevSleaFIDeFJrd5n77Usg2sQZ6XC1CGWR3NXPjW917mX6%2FF%2FInduU4DwJ8PN%2FtFb6%2FwK0411%2BPGHuK7uE9Bqn7L0iWdH9ZUPHN2%2Fz1zr%2BBQ%3D%3D&RelayState=cookie%3A1743267028_ff74">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743266938_a55b (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743266911_d7f0_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266911_d7f0_fgvars=_ala6ela4b502be602b1487d7f3f9f521; _opensaml_req_cookie%3A1743266911_d7f0=_ala6ela4b502be602b1487d7f3f9f521; _shibstate_1743266932_8af7_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266932_8af7=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266932_8af7_fgvars=_8d52399e0fddc3d57d3910737838c988; _opensaml_req_cookie%3A1743266932_8af7=_8d52399e0fddc3d57d3910737838c988
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:28 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAfTav3V9BuBcQ165M1Mqi2ZL4QRnWNL0hIx50BmDozKD233dA3bBNA5reOFcnnHfOec7HMBakyCs0q%2BWhjOBHDIUq5yIvBwode73mJWJEUIFKUoBAMkV4t1wg27BQxZ1kKct1bSYecEL26bFS1AWwDPxI
U3iLfhP9IGUlkG1KfIsC0pgDoeJUKehFwC1BINKU4ggyeLxmChfa9mJgOgueZ3hMIn812C98k18oNsty0EeDOGY2ZDYzrGsa7NFTotSQP4MeXpdKASEY3256oJbz2Sg2mqiOjOvzDRbCjHfJpYrzWtWA%2B0RPXHQxe3JfmbOtC
lg5Xnrc7B7Krtc2GZOiM1EyIGoJSSFLKiW5bttO3hn3bjQefkGme%2FRd18Jruz7TckfL%2FF3ebi8igb7Eodi%2F1LgBLtrylECfPj31ImfcjAg1BLwzvPvxyW1i%2BhT70Sbw%2FCSM1ptg7koJ9r23yDdwgGN%2FOQsDf71exb
4RdMki2AwT9T1sLDvBYTD%2FMKCx2WH5jbBCKOURzEOW0%2FSnNstzdvi4EAKTfaCb7%2Bqr%2BLqNsGt302sGd5aax4qKcOgaLsCzPlLTh5526UT3gperQiPI%2FqcvjSyDHFb2qRBjUdpEUXe%2B0Za7%2Bnot9k%2Fppr30eRDg
4%2Flur%2FD9Be7ZsX18WnkI%2Bx7eY5CG%2F4KkaRfVxzZ0evN2f6nT6w%3D%3D&RelayState=cookie%3A1743267028_18fb
Content-Length: 1057
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743266911_d7f0_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743266911_d7f0=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743266911_d7f0_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743266911_d7f0=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743267028_18fb_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267028_18fb=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267028_18fb_fgvars= 99117974fb9effea54bd5ef80bf3a358; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267028_18fb= 99117974fb9effea54bd5ef80bf3a358; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZrdj5pAfTav3V9BuBcQ165M1Mqi2ZL4QRnWNL0hIx50BmDozKD233dA3bBNA5reOFcnnHfOec7HMBakyCs0q%2BWhjOBHDIUq5yIvBwode73mJWJEUIFKUoBAMkV4t1wg27BQxZ1kKct1bSYecEL26bFS1AWwDPxI
U3iLfhP9IGUlkG1KfIsC0pgDoeJUKehFwC1BINKU4ggyeLxmChfa9mJgOgueZ3hMIn812C98k18oNsty0EeDOGY2ZDYzrGsa7NFTotSQP4MeXpdKASEY3256oJbz2Sg2mqiOjOvzDRbCjHfJpYrzWtWA%2B0RPXHQxe3JfmbOtC
lg5Xnrc7B7Krtc2GZOiM1EyIGoJSSFLKiW5bttO3hn3bjQefkGme%2FRd18Jruz7TckfL%2FF3ebi8igb7Eodi%2F1LgBLtrylECfPj31ImfcjAg1BLwzvPvxyW1i%2BhT70Sbw%2FCSM1ptg7koJ9r23yDdwgGN%2FOQsDf71exb
4RdMki2AwT9T1sLDvBYTD%2FMKCx2WH5jbBCKOURzEOW0%2FSnNstzdvi4EAKTfaCb7%2Bqr%2BLqNsGt302sGd5aax4qKcOgaLsCzPlLTh5526UT3gperQiPI%2FqcvjSyDHFb2qRBjUdpEUXe%2B0Za7%2Bnot9k%2Fppr30eRDg
4%2Flur%2FD9Be7ZsX18WnkI%2Bx7eY5CG%2F4KkaRfVxzZ0evN2f6nT6w%3D%3D&RelayState=cookie%3A1743267028_18fb">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743266973_529e_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743266949_c93a_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266949_c93a=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266949_c93a_fgvars=_7ad81e6b1d7f3d1574dc1824b0fcd307; _opensaml_req_cookie%3A1743266949_c93a=_7ad81e6b1d7f3d1574dc1824b0fcd307
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:29 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=x2Tfj5pAEfMefvb%2BC8C4o6IU3akRkXEk8pSxmrmr6QBQdbFI6u6j977ugXrimNUI1f3KcoJ892Zz%2FxF5oIUeIXswh7KAH7UIKR2LvJSolNax0GteIkYfFagkBgkE4Tt1zWYjAgGqUImSfomu2UIA15SVdItFXQDhwI80gbdyvdAPUJYQnaYUsi8gqTKYR6Eg1QUC1ZRMKq0haiinB5HkFK1lhWUjgqRi439KGBFv03GNfGbcjHILQR4MIzjZkFImv8Wnrq0U0i1JA%2FE5e10MppIRjflongqkHPZKDaqI6M5XMMFkFI0iITQx3ugat1roUtochrP0EYtjmQzj5ySbtGhJSDqc2mOwsljJhKjBK4UlpVzo1sCa9AejvjULh89cMkDW7Luu%2Bkd2faZ1Ssv9%2Ff7GF5FAX8LQ719K3AEKbX1Koc%2BfnngQM29GhVoC3hne%2FFjkNjF9id1g5zlu5Afonbdygiw7z1vgGtjDofTq%2B577ut2EruGF0dcbjSL13W8sK8K%2Bt%2FowLnZYfntSEtBReGt.fJbT5Kdm5zk7ORyThIU%2B1M139VW83UZI2910msGdpeawoiKciqYLcCaJ7PShp1060b3g5KrQALL%2F6UsjyyAF3i4VIg1Kmmjgwr.fJYlB5ei32T%2BmWvc55EODj%2B6W6v8P0f7tweXxYZ2WvHt5jkEb%2FggRqF9VfNnR583Z%2Fqctf&RelayState=cookie%3A1743267029_7c7e
Content-Length: 1041
Keep-Alive: timeout=5, max=60
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743267029_7c7e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267029_7c7e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267029_7c7e_fgvars=d81b9d7ec44e1b6cf85aacad18f4e2fb; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267029_7c7e=d81b9d7ec44e1b6cf85aacad18f4e2fb; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=x2Tfj5pAEfMefvb%2BC8C4o6IU3akRkXEk8pSxmrmr6QBQdbFI6u6j977ugXrimNUI1f3KcoJ892Zz%2FxF5oIUeIXswh7KAH7UIKR2LvJSolNax0GteIkYfFagkBgkE4Tt1zWYjAgGqUImSfomu2UIA15SVdItFXQDhwI80gbdyvdAPUJYQnaYUsi8gqTKYR6Eg1QUC1ZRMKq0haiinB5HkFK1lhWUjgqRi439KGBFv03GNfGbcjHILQR4MIzjZkFImv8Wnrq0U0i1JA%2FE5e10MppIRjflongqkHPZKDaqI6M5XMMFkFI0iITQx3ugat1roUtochrP0EYtjmQzj5ySbtGhJSDqc2mOwsljJhKjBK4UlpVzo1sCa9AejvjULh89cMkDW7Luu%2Bkd2faZ1Ssv9%2Ff7GF5FAX8LQ719K3AEKbX1Koc%2BfnngQM29GhVoC3hne%2FFjkNjF9id1g5zlu5Afonbdygiw7z1vgGtjDofTq%2B577ut2EruGF0dcbjSL13W8sK8K%2Bt%2FowLnZYfntSEtBReGt.fJbT5Kdm5zk7ORyThIU%2B1M139VW83UZI2910msGdpeawoiKciqYLcCaJ7PShp1060b3g5KrQALL%2F6UsjyyAF3i4VIg1Kmmjgwr.fJYlB5ei32T%2BmWvc55EODj%2B6W6v8P0f7tweXxYZ2WvHt5jkEb%2FggRqF9VfNnR583Z%2Fqctf&RelayState=cookie%3A1743267029_7c7e">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C/L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743266973_529e (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743266949_c93a_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266949_c93a=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266949_c93a_fgvars=_7ad81e6b1d7f3d1574dc1824b0fcd307; _opensaml_req_cookie%3A1743266949_c93a=_7ad81e6b1d7f3d1574dc1824b0fcd307
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:29 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swdMFP2Uj2BBuAdY8tJESiJRgrZiEVDmRlUvYIFUjYgkwtU2S%2FFYlJFmwRtVvcSnEP3zg8eZiJImpXIqesShCOFmBUJq5zwrBGocU731BWUEUIEKkoVAMdHWS6QbVio5EyyhXGw65ggBXFJWukwQVQ4cAz%2FSBN/CxVQ%2FSFdkZJpSyK6ApOJggHgScLJSyFkhwaldSFRqMM3rsxcrXWHYsSprGrw404tB79dcrz8QHut2yDOTBEIKZNY1tBmsc6dpoodOC1BCFU55OJ600ZLSz7Y1RwmGv1GCqOnY0g2u4EFLKtZEmvmtD8%2BdTPbasdDjgW8n0ht7Q2o3Gw35%2Fm7xYpD9M%siIKJkQFFiFkKSQU9227EHX6nXtcfQ8RAML2eMfuhZc2%2FWFF1kt9vd7u72IBPoaRUH3UuIGuGjKlUwJ99vTUuZxJPSrUEPDW807HJ7eJ6TPshRvf9eIgXG%2F8uRfG2HPfQs%2FAPo68pRP43nk9ijzdj%2BKfV%2BnF6ntQW3aA3%2F2BaUATs8XyG2GJVorCnwco8m75mQZO7kciISp%2FqybH%2Bqr%2BLqNkDa76daD00vNZKLJOBV1F%2BBMEtnq00e7dKJ9wclUoSHs%2FqcvTWwHkFbmGRBJUJFHUxe%2BD6zx6tu12D%2B1m3Va5OGaj%2Be7vcKPF7hnx%2FrcYMUv7Ht4j0Hq%2FQuSp11Uf9nQ2c3b%2FqXofgE%3D&RelayState=cookie%3A1743267029_ffef
Content-Length: 1063
Keep-Alive: timeout=5, max=73
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743267029_ffef_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267029_ffef=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267029_ffef_fgvars= 00d6840cf2e360f89644bc70a46c7a8a; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267029_ffef= 00d6840cf2e360f89644bc70a46c7a8a; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swdMFP2Uj2BBuAdY8tJESiJRgrZiEVDmRlUvYIFUjYgkwtU2S%2FFYlJFmwRtVvcSnEP3zg8eZiJImpXIqesShCOFmBUJq5zwrBGocU731BWUEUIEKkoVAMdHWS6QbVio5EyyhXGw65ggBXFJWukwQVQ4cAz%2FSBN/CxVQ%2FSFdkZJpSyK6ApOJggHgScLJSyFkhwaldSFRqMM3rsxcrXWHYsSprGrw404tB79dcrz8QHut2yDOTBEIKZNY1tBmsc6dpoodOC1BCFU55OJ600ZLSz7Y1RwmGv1GCqOnY0g2u4EFLKtZEmvmtD8%2BdTPbasdDjgW8n0ht7Q2o3Gw35%2Fm7xYpD9M%siIKJkQFFiFkKSQU9227EHX6nXtcfQ8RAML2eMfuhZc2%2FWFF1kt9vd7u72IBPoaRUH3UuIGuGjKlUwJ99vTUuZxJPSrUEPDW807HJ7eJ6TPshRvf9eIgXG%2F8uRfG2HPfQs%2FAPo68pRP43nk9ijzdj%2BKfV%2BnF6ntQW3aA3%2F2BaUATs8XyG2GJVorCnwco8m75mQZO7kciISp%2FqybH%2Bqr%2BLqNkDa76daD00vNZKLJOBV1F%2BBMEtnq00e7dKJ9wclUoSHs%2FqcvTWwHkFbmGRBJUJFHUxe%2BD6zx6tu12D%2B1m3Va5OGaj%2Be7vcKPF7hnx%2FrcYMUv7Ht4j0Hq%2FQuSp11Uf9nQ2c3b%2FqXofgE%3D&RelayState=cookie%3A1743267029_ffef">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743276852_5f39 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743276816_b063_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276816_b063=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276816_b063_fgvars=_7534ee0f623ee5c0b97bcf0e6b20008d; _opensaml_req_cookie%3A1743276816_b063=_7534ee0f623ee5c0b97bcf0e6b20008d; _shibstate_1743276846_f81b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276846_f81b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276846_f81b_fgvars=_5b277a837cde6a4e02e2b64b6fffe98f; _opensaml_req_cookie%3A1743276846_f81b=_5b277a837cde6a4e02e2b64b6fffe98f
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 19:36:15 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZTfj5pAEfmbv%2BC8C4InNe6UOK5EriKWU50%2FSFLDDqJsDS3UW9%2F74L6ovrWtP0x2aM%2Bd%2BcyPZSpIwdtIbeS%2BiuBnA0Jgp7KoBOocM73hFWJEUEtguoJAMkPYfvki2xihmjPUMlbomisEcEl25bFRNCvWDPxM3iNljN9L2UtkGLKTYcCsoaDoeJUKElNWSVBINkU4g6KejBSZSvs%2BxE1DRPn10cJpH%2FHF0xvon3NE1ZAXJvCM%2BMsQ2wzWodW2h0GLFWoiPKY%2FHo9FGMvrZdkQ14bBTajBVHvtawCVcBDn1kEkT47WuBYuZnjyAbWcyiIPltshjSsg2%2F5QT8trndHMc0jR0MiEaCCohSSVnuj2yx8ORM7QnsIVBzhOyxj90Lby06wutclrtbvc2PySE%2BhrH4fBo4ga4GqTAn3%2B8DA4n2k7KtQR8N7wbscn14npc%2Bxh8DzckBab4KFHyXY914j38ABjv0XNwz81%2FUG9o0gTpbBxknU97C17ASHweLDgKZmj%2BU3whqtFEWwCF1BszfNLQp29DgQCTPd0s139UV82Ubu9302sGdpOaxsiacirYLcCKZ7FvhoJ070b%2FgFarQCLb%2F05dWtoUceLdUiGQoa6QpC9%2FHo8nq26XYP6WbD3rmToD357u%2BwvcXuG0H9vFhZS%2FtW3j3QXL%2BBUnTzqp%2Fb0j86u3%2FUue%2FAA%3D%3D&RelayState=cookie%3A1743276975_5b9e
Content-Length: 1065
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743276816_b063_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276816_b063=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276816_b063_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276816_b063=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743276975_5b9e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276975_5b9e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276975_5b9e_fgvars= 652390a0121a4baafd7daa8314ddebdb; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276975_5b9e= 652390a0121a4baafd7daa8314ddebdb; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?SAMLRequest=xZTfj5pAEfmbv%2BC8C4InNe6UOK5EriKWU50%2FSFLDDqJsDS3UW9%2F74L6ovrWtP0x2aM%2Bd%2BcyPZSpIwdtIbeS%2BiuBnA0Jgp7KoBOocM73hFWJEUEtguoJAMkPYfvki2xihmjPUMlbomisEcEl25bFRNCvWDPxM3iNljN9L2UtkGLKTYcCsoaDoeJUKElNWSVBINkU4g6KejBSZSvs%2BxE1DRPn10cJpH%2FHF0xvon3NE1ZAXJvCM%2BMsQ2wzWodW2h0GLFWoiPKY%2FHo9FGMvrZdkQ14bBTajBVHvtawCVcBDn1kEkT47WuBYuZnjyAbWcyiIPltshjSsg2%2F5QT8trndHMc0jR0MiEaCCohSSVnuj2yx8ORM7QnsIVBzhOyxj90Lby06wutclrtbvc2PySE%2BhrH4fBo4ga4GqTAn3%2B8DA4n2k7KtQR8N7wbscn14npc%2Bxh8DzckBab4KFHyXY914j38ABjv0XNwz81%2FUG9o0gTpbBxknU97C17ASHweLDgKZmj%2BU3whqtFEWwCF1BszfNLQp29DgQCTPd0s139UV82Ubu9302sGdpOaxsiacirYLcCKZ7FvhoJ070b%2FgFarQCLb%2F05dWtoUceLdUiGQoa6QpC9%2FHo8nq26XYP6WbD3rmToD357u%2BwvcXuG0H9vFhZS%2FtW3j3QXL%2BBUnTzqp%2Fb0j86u3%2FUue%2FAA%3D%3D&RelayState=cookie%3A1743276975_5b9e">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743266973_529e_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743266949_c93a_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266949_c93a=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266949_c93a_fgvars=_7ad81e6b1d7f3d1574dc1824b0fcd307; _opensaml_req_cookie%3A1743266949_c93a=_7ad81e6b1d7f3d1574dc1824b0fcd307
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:29 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBuAcINLVBsIKLBGR8qC7rjapekOGTxBLyLHYe2FFyIeazYqp2qXuLTIPl75jcRM5SkKms02asdS%2BDH8GqyTLXJUDo7RuZeMMSJpBIXuofEgkBMp8h13JQJLbjBS9NyYILCEU5CziT%2Bw
oEBnGgBbwls5G5U6GMyLaVVFUjxv6ApeMpqEhNoeJmGUWUWd1fTgZdp3ttxM1nSchU5wnCQha7RchDbe0TznJaidJ5W3GxLXjpc4NY2pRqeMBAFUx6PR6uJZLWzbY10ImCr1WDrOja0hGu4BNZUQKFsjJemEUIHZjYgLL6%2BAf
B9b9AF%2BouXndjPeQ8c75PzUgy1lkm5h4hJRZgama7j9ru013X9tPeM%2Bg5y%2Fe%2Bm5V%2Fb92myNWb%2B73NlyKJvqR3p3L2UuAIhz%2BVpgT1%2BeupczrAZFTotInow7scnt4mZYxwmqygIszhZrcqJpmGQ4DN6SOMIRTsP5
J17C%2BXKRhLaUZrNo5W6e9xYbobjaPphQEO7xfIbYyOWmiKaxryxotU9jUpb8GAggCk2mz7Tf1VfxRthfd7NoBncSRkBr2oicqy6ACdSqFYfosa1E%2B0LQakLTWdzP31pZBtYgzgVFSIFppo%2BsK3vumv16L%2FV06cad1Hg
T4eL7bk3x%2Fgvt%2BaB4f1vbWYf3GCTVxAN46L6y4aob972L3X8Cw%3D%3D&RelayState=cookie%3A1743267029_fb6c
Content-Length: 1055
Keep-Alive: timeout=5, max=92
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743267029_fb6c_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267029_fb6c=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267029_fb6c_fgvars= 8a73bfee9938589d7ba06b1e03407c8a; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267029_fb6c= 8a73bfee9938589d7ba06b1e03407c8a; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBuAcINLVBsIKLBGR8qC7rjapekOGTxBLyLHYe2FFyIeazYqp2qXuLTIPl75jcRM5SkKms02asdS%2BDH8GqyTLXJUDo7RuZeMMSJpBIXuofEgkBMp8h13JQJLbjBS9NyYILCEU5CziT%2Bw
oEBnGgBbwls5G5U6GMyLaVVFUjxv6ApeMpqEhNoeJmGUWUWd1fTgZdp3ttxM1nSchU5wnCQha7RchDbe0TznJaidJ5W3GxLXjpc4NY2pRqeMBAFUx6PR6uJZLWzbY10ImCr1WDrOja0hGu4BNZUQKFsjJemEUIHZjYgLL6%2BAf
B9b9AF%2BouXndjPeQ8c75PzUgy1lkm5h4hJRZgama7j9ru013X9tPeM%2Bg5y%2Fe%2Bm5V%2Fb92myNWb%2B73NlyKJvqR3p3L2UuAIhz%2BVpgT1%2BeupczrAZFTotInow7scnt4mZYxwmqygIszhZrcqJpmGQ4DN6SOMIRTsP5
J17C%2BXKRhLaUZrNo5W6e9xYbobjaPphQEO7xfIbYyOWmiKaxryxotU9jUpb8GAggCk2mz7Tf1VfxRthfd7NoBncSRkBr2oicqy6ACdSqFYfosa1E%2B0LQakLTWdzP31pZBtYgzgVFSIFppo%2BsK3vumv16L%2FV06cad1Hg
T4eL7bk3x%2Fgvt%2BaB4f1vbWYf3GCTVxAN46L6y4aob972L3X8Cw%3D%3D&RelayState=cookie%3A1743267029_fb6c">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743276852_5f39_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743276816_b063_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276816_b063=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276816_b063_fgvars=_7534ee0f623ee5c0b97bcf0e6b20008d; _opensaml_req_cookie%3A1743276816_b063=_7534ee0f623ee5c0b97bcf0e6b20008d; _shibstate_1743276846_f81b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276846_f81b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276846_f81b_fgvars=_5b277a837cde6a4e02e2b64bfbffe98f; _opensaml_req_cookie%3A1743276846_f81b=_5b277a837cde6a4e02e2b64bfbffe98f
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 19:36:15 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRbr5pAEfPZ%2BC8C4o1ntGTSiSUXivLOWpi9khVE3AZbuImq%2FfRUE07Tmqfv7tOE%2Be%2Fmoy7LVJA8K5FTyWMRwo8KhNQueVYIIdhmesULxIigAhUkB4FkgrCzWiLL6KGSMBkSlumaIwRwSVnhskJUOX
AM%2FEGTeAuX4M%2F0oZmQaUohuwKSiOOh4knISUkhZ4UEgOpTiDLOGMOLA%2BxrfiUNI1fHRzEoffq9aeiY90t2MZyKMBDNtEssMnjJStYVQpwMpiT6mRj%2FFR3JaGc7EJWEw0GpwR17GkGt3AhpJRDik2MN7mL2Z6nKTD
8chOLRiMocvap7sRGcfu%2FykZDwkZ2baSCVGBwhJCjnTrZ416BbsrjWJ%2BhNkd1F%2F8F3Xglu7PtMipcxHcdW93V5FAX6Io6F5L3ADXTXlKcM9EXjrmM61HhRoC3hre4%2FjkPjF9jrlw67teHISorb%2Fwvhh77lvoGdjHkody
At9bbdaRZ%2FhRvPS3dpy%2BB7VlxTjwF8GNDVbLL8RlmitKPxFWKa%2FNScLGnlwORMNF7umuvolv2whps5tuPbiLiFyWl4RTUXcBLiSRt50tGsn2hfcTBuawv5%2F%2B1LL9pAc5YKkQQLdTRl4dugNl1%2FvRX7p3TzTu
s8CFd5fPdX%2BP4CD%2BxUPz6s7XCLCO85SPa%2FIgnaVFWdZ3fvelf6vw&RelayState=cookie%3A1743276975_959d
Content-Length: 1053
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743276816_b063_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276816_b063=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276816_b063_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276816_b063=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743276975_959d_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276975_959d=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276975_959d_fgvars=cd6883d2e58322fdb7a7ebf4c86aa733; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276975_959d=cd6883d2e58322fdb7a7ebf4c86aa733; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRbr5pAEfPZ%2BC8C4o1ntGTSiSUXivLOWpi9khVE3AZbuImq%2FfRUE07Tmqfv7tOE%2Be%2Fmoy7LVJA8K5FTyWMRwo8KhNQueVYIIdhmesULxIigAhUkB4FkgrCzWiLL6KGSMBkSlumaIwRwSVnhskJUOX
AM%2FEGTeAuX4M%2F0oZmQaUohuwKSiOOh4knISUkhZ4UEgOpTiDLOGMOLA%2BxrfiUNI1fHRzEoffq9aeiY90t2MZyKMBDNtEssMnjJStYVQpwMpiT6mRj%2FFR3JaGc7EJWEw0GpwR17GkGt3AhpJRDik2MN7mL2Z6nKTD
8chOLRiMocvap7sRGcfu%2FykZDwkZ2baSCVGBwhJCjnTrZ416BbsrjWJ%2BhNkd1F%2F8F3Xglu7PtMipcxHcdW93V5FAX6Io6F5L3ADXTXlKcM9EXjrmM61HhRoC3hre4%2FjkPjF9jrlw67teHISorb%2Fwvhh77lvoGdjHkody
At9bbdaRZ%2FhRvPS3dpy%2BB7VlxTjwF8GNDVbLL8RlmitKPxFWKa%2FNScLGnlwORMNF7umuvolv2whps5tuPbiLiFyWl4RTUXcBLiSRt50tGsn2hfcTBuawv5%2F%2B1LL9pAc5YKkQQLdTRl4dugNl1%2FvRX7p3TzTu
s8CFd5fPdX%2BP4CD%2BxUPz6s7XCLCO85SPa%2FIgnaVFWdZ3fvelf6vw&RelayState=cookie%3A1743276975_959d">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743266973_529e (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743266949_c93a_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743266949_c93a=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743266949_c93a_fgvars=_7ad81e6b1d7f3d1574dc1824b0fod307; _opensaml_req_cookie%3A1743266949_c93a=_7ad81e6b1d7f3d1574dc1824b0fod307
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 16:50:29 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBuAcINGLiJZEoQvukPChmo6oxZGCSWAUmoex376GJQ2aqOql2FVpxPw985uhtnQcSFjVvj2FJQRfdzCEJql7KoBGodH%2F3IK8SIoAJPASBZIawuloi27BQzZlkGSt0zRUuKSS8lgljiVwDPdMB3iJ1jP9IGUtkG1KIIsCsIMHQ8WTUJKAQskqQaVphB1UctCTkyhfa9mJgGnePLs4TCL%2F0disfRMeAJgyAutBEIKZDY1thhsc69pCodORNBdVU57PZ60JZHSz7Y1RwmGv1GCqOna0gPu4CHLKITZmrdhtdCxYzPXfYkua2DXma5gmY0y1lMscakdFunE4l2Bjz8pmRBHCohSSVnum32w771901JFBihoYXsyQ9dc22Ft%2BkKcmFb7x71NrykBvsZx2L%2BWAUu2vKQUJ8%2FPfWu29qMcrUevD08x%2FHJfWL6HPvRNVd8JiW222DhRwn2vZfIN3CAY3%2F1hoG%2F2pxj3wjzB1snUR9DvLtnAY1N4NaQp2WH4jznFaUQSLkBU0e9XcomBnjwORMNHuvmvov2wh5u5teM7iL1DxWlcoRT0XQBLiStnT70tGsnuhe8QhUawe5%2F%2BtLiDpAdb5cKqXlTTR14fvQmry%2F3Yr9U7p5r3M%2BCPDj%2Be6v800F7trpeXxY2Uv7Ed7HIDn%2FgqPpV9VnR%2B932%2FqNF&RelayState=cookie%3A1743267029_5358
Content-Length: 1051
Keep-Alive: timeout=5, max=95
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743267029_5358_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743267029_5358=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743267029_5358_fgvars=_3dabd22edbbd1e83be9c306a6f8b9784; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743267029_5358=_3dabd22edbbd1e83be9c306a6f8b9784; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2Uj2BBuAcINGLiJZEoQvukPChmo6oxZGCSWAUmoex376GJQ2aqOql2FVpxPw985uhtnQcSFjVvj2FJQRfdzCEJql7KoBGodH%2F3IK8SIoAJPASBZIawuloi27BQzZlkGSt0zRUuKSS8lgljiVwDPdMB3iJ1jP9IGUtkG1KIIsCsIMHQ8WTUJKAQskqQaVphB1UctCTkyhfa9mJgGnePLs4TCL%2F0disfRMeAJgyAutBEIKZDY1thhsc69pCodORNBdVU57PZ60JZHSz7Y1RwmGv1GCqOna0gPu4CHLKITZmrdhtdCxYzPXfYkua2DXma5gmY0y1lMscakdFunE4l2Bjz8pmRBHCohSSVnum32w771901JFBihoYXsyQ9dc22Ft%2BkKcmFb7x71NrykBvsZx2L%2BWAUu2vKQUJ8%2FPfWu29qMcrUevD08x%2FHJfWL6HPvRNVd8JiW222DhRwn2vZfIN3CAY3%2F1hoG%2F2pxj3wjzB1snUR9DvLtnAY1N4NaQp2WH4jznFaUQSLkBU0e9XcomBnjwORMNHuvmvov2wh5u5teM7iL1DxWlcoRT0XQBLiStnT70tGsnuhe8QhUawe5%2F%2BtLiDpAdb5cKqXlTTR14fvQmry%2F3Yr9U7p5r3M%2BCPDj%2Be6v800F7trpeXxY2Uv7Ed7HIDn%2FgqPpV9VnR%2B932%2FqNF&RelayState=cookie%3A1743267029_5358">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743276852_5f39 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743276816_b063_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276816_b063=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276816_b063_fgvars=_7534ee0f623ee5c0b97bcf0e6b20008d; _opensaml_req_cookie%3A1743276816_b063=_7534ee0f623ee5c0b97bcf0e6b20008d; _shibstate_1743276846_f81b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276846_f81b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276846_f81b_fgvars=_5b277a837cde6a4e02e2b64bfbffe98f; _opensaml_req_cookie%3A1743276846_f81b=_5b277a837cde6a4e02e2b64bfbffe98f
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 19:36:15 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBAcIhDsXkkgpQVukPChmo6oXZMiQWAlMbeFRb1%2BTx4qt2qjQT6Nl9nfvMwY0HKokazg9x0Efw4gJdauSwggS6oiX7gFWJEUIEqUoJAMkN4tLwg27BQzZ1kGSt0bSYecElZ5bFKHErgGP
iRZvAWL5b6XspaINOUqnYFZAcOhoonoSQ1hZJVEgwqfTSHgq8BHJLIG%2Bi2Unocqbb5HWGwyTyX4P1yjf6nqYpK0DuDSGY2ZDYzrjGsa7NFTqtSAP4MeXpdKASEY7246oJBx2Sg2mqiOnBdzCRbClHDJpYrzWtWA%2BORNtMByLnuXa
kJF%2BNkyJm%2Bcw7Kcw2PY%2F9ZxcyYQ4QFAJSSo50W3LdnuW07VHcW%2BEnAHqud911byl6z0ttrTaPe5tehUJ9COWw%2B61xAlwcS1PCfTpy0vnesbNgNCFgleG9zg%2BuU9Mn2I%2F2gSen4TrehPM%2FSjBvvcW%2BQYocOwv
ZZHgL9er2DeOOFkEGydr38PGshMcBvMPAxbLZbFCGu0UhtBPGQFzX5qs6JgJ48DKtDRer7r5rr6Jb9sI28tues3gz1LzWFKtTtXtBTiTTTLb60NGunWfh8ApVaAT5%2F%2FS1keWwEX5ZKkQyLlDXR1IVvrcjVaf0v%2B6d0007rPAnw
%2BXz3V%2F2j%2BANfs2Dw%2BrOyF%2FQjvOUjOvyBp21X1lW2d3r3tX%2BrOFw%3D%3D&RelayState=cookie%3A1743276975_a71a
Content-Length: 1061
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743276816_b063_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276816_b063=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276816_b063_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276816_b063=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743276975_a71a_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276975_a71a=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276975_a71a_fgvars= 0689b5052eca4c8ba5ffe84be6d4713f; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276975_a71a= 0689b5052eca4c8ba5ffe84be6d4713f; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFP2U%2BBAcIhDsXkkgpQVukPChmo6oXZMiQWAlMbeFRb1%2BTx4qt2qjQT6Nl9nfvMwY0HKokazg9x0Efw4gJdauSwggS6oiX7gFWJEUIEqUoJAMkN4tLwg27BQzZ1kGSt0bSYecElZ5bFKHErgGP
iRZvAWL5b6XspaINOUqnYFZAcOhoonoSQ1hZJVEgwqfTSHgq8BHJLIG%2Bi2Unocqbb5HWGwyTyX4P1yjf6nqYpK0DuDSGY2ZDYzrjGsa7NFTqtSAP4MeXpdKASEY7246oJBx2Sg2mqiOnBdzCRbClHDJpYrzWtWA%2BORNtMByLnuXa
kJF%2BNkyJm%2Bcw7Kcw2PY%2F9ZxcyYQ4QFAJSSo50W3LdnuW07VHcW%2BEnAHqud911byl6z0ttrTaPe5tehUJ9COWw%2B61xAlwcS1PCfTpy0vnesbNgNCFgleG9zg%2BuU9Mn2I%2F2gSen4TrehPM%2FSjBvvcW%2BQYocOwv
ZZHgL9er2DeOOFkEGydr38PGshMcBvMPAxbLZbFCGu0UhtBPGQFzX5qs6JgJ48DKtDRer7r5rr6Jb9sI28tues3gz1LzWFKtTtXtBTiTTTLb60NGunWfh8ApVaAT5%2F%2FS1keWwEX5ZKkQyLlDXR1IVvrcjVaf0v%2B6d0007rPAnw
%2BXz3V%2F2j%2BANfs2Dw%2BrOyF%2FQjvOUjOvyBp21X1lW2d3r3tX%2BrOFw%3D%3D&RelayState=cookie%3A1743276975_a71a">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743276852_5f39_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Cookie: _shibstate_1743276816_b063_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276816_b063=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276816_b063_fgvars=_7534ee0f623ee5c0b97bcf0e0b20008d; _opensaml_req_cookie%3A1743276816_b063=_7534ee0f623ee5c0b97bcf0e0b20008d; _shibstate_1743276846_f81b_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276846_f81b=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276846_f81b_fgvars=_5b277a837cde6a4e02e2b64bfbfffe98f; _opensaml_req_cookie%3A1743276846_f81b=_5b277a837cde6a4e02e2b64bfbfffe98f
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 19:36:15 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfPu58CcQ%2FRJhusJB1laIuUB8VsVFWCHDJJLAGmtvPot68hyYqt2qjgJT6NmL9nfVwI0HKokb%2BQe6rBH4cQEjtXBaVQK1jrb94hRgRVKCK1CCQzBH25zPkGBagQZMsZ4Wu%2BUIA15RVAvEoQSOgR9pDm%2FJbKzvpawfMk0pZE9AfuBgqHgSSLJTKFKlwaDSFKLOcnp0M%2BvLrLScTnd1krz60syR8jZaLQMR7u16zAuTeEIKZDY1jxkuc6tpUodORNBaFU55OJ6UJZHSz7YhKwmGn1GCgQra0gGu4BDaUQy5NjJe6Fk3HevbJeQGFWLabd%2Bx1PlyDnboxaxM633svAgcFayYQ4QFQUSSo51h3L6fcst%2Bd4qe0hd4Ds%2Fnddi6%2Ft%2BkzrDa1293u7vogE%2BpKmo9S4gg4aMtAn3y%2FPx0OaNmVkg14J3h3Y9PbhPTJzhMVLEQZnGyXEXTIMLwGLwLoYEjnlZzP47C%2BVKRhkaUznNo5Wbqe9xYTobjaPphQCOzw%2FtByYOWi1Kaxxyg%2BU%2FNLwp2CjgQQWpd1s139Vv83UbYtLsZNM7Sy1gZU04FU0X4Exy2enDk3bpRdCUKtCE9j%2BT18a2RYZwNu1QIRHeRNxfjWt7zF12uxf0o3eeqBwE%2Bnu%2F2Ct9F4I4dm8eH1T1z7uE9Bsn9FYRnu6j%2BsqGtm7F7S538Ag%3D%3D&RelayState=cookie%3A1743276975_f21d
Content-Length: 1057
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743276816_b063_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276816_b063=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276816_b063_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276816_b063=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743276975_f21d_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276975_f21d=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276975_f21d_fgvars= 427e9a013c61bc8be9880alc9762e66; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276975_f21d= 427e9a013c61bc8be9880alc9762e66; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/ile/SAML2/Redirect/SSO?SAMLRequest=xZRLj5swEMfPu58CcQ%2FRJhusJB1laIuUB8VsVFWCHDJJLAGmtvPot68hyYqt2qjgJT6NmL9nfVwI0HKokb%2BQe6rBH4cQEjtXBaVQK1jrb94hRgRVKCK1CCQzBH25zPkGBagQZMsZ4Wu%2BUIA15RVAvEoQSOgR9pDm%2FJbKzvpawfMk0pZE9AfuBgqHgSSLJTKFKlwaDSFKLOcnp0M%2BvLrLScTnd1krz60syR8jZaLQMR7u16zAuTeEIKZDY1jxkuc6tpUodORNBaFU55OJ6UJZHSz7YhKwmGn1GCgQra0gGu4BDaUQy5NjJe6Fk3HevbJeQGFWLabd%2Bx1PlyDnboxaxM633svAgcFayYQ4QFQUSSo51h3L6fcst%2Bd4qe0hd4Ds%2Fnddi6%2Ft%2BkzrDa1293u7vogE%2BpKmo9S4gg4aMtAn3y%2FPx0OaNmVkg14J3h3Y9PbhPTJzhMVLEQZnGyXEXTIMLwGLwLoYEjnlZzP47C%2BVKRhkaUznNo5Wbqe9xYTobjaPphQCOzw%2FtByYOWi1Kaxxyg%2BU%2FNLwp2CjgQQWpd1s139Vv83UbYtLsZNM7Sy1gZU04FU0X4Exy2enDk3bpRdCUKtCE9j%2BT18a2RYZwNu1QIRHeRNxfjWt7zF12uxf0o3eeqBwE%2Bnu%2F2Ct9F4I4dm8eH1T1z7uE9Bsn9FYRnu6j%2BsqGtm7F7S538Ag%3D%3D&RelayState=cookie%3A1743276975_f21d">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743276889_1ab0_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743276863_41dd_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276863_41dd=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276863_41dd_fgvars=_464ad95ae4df0e5b632be551458bf7b6; _opensaml_req_cookie%3A1743276863_41dd=_464ad95ae4df0e5b632be551458bf7b6
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 19:36:17 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcIZJONLUSiBG2R8qCrfjapekANDYgkwtZ3HfvuaPFZs1UZVL%2FFpxPw985uHQQtSFjVjy93JGRFBzD0Jqp7KoBDo7JvqeV4gRQQWgSAkCyRRhdzFHTmGmmjPUJlbnmsEcELZ5bFK7EvvgGP
iBpvAWzSf6TspaINOUQnYfPpHsOhoonoSQ1hZJVEgwfTSHgqKAHJIG%2Bs2UnocZ28uriMIn812C19E28o5sNK0DuDOGY2ZDYZrjCsa7NFDqtSAPx0eXxeDSaSEY725aoJBy2Sg2mqiOnBvzDRZBRDqk0M7pWjCo@mNAkNTJmsuyXo
Z5Psr7Vj%2Frb16Gayvby9AeDWMre2ENQCukqOdFty37uWk7GHsW9EXIGqDf8oWvhtV1faJXranu%2Ft5uLSKCVcR2LyWugYtzeUgft5%2BeOpczbkaFzgS8Nbz78cltYvoU%2B9E68PwkjFbrYOZHCfa9t8g3cIBjf%2BGGgb9YLW
PFQJkHxydRHOFG8tOcBjMq1lobLZYfiOs0VJRLCOQFTR919yiYDePA5Ew0Xu6%2BaG%2Biq%2FbCNL5N7lmcCepeaysCaei6KcSQqbfeho1060L3iFKjSC%2FH%2F60shyyICf1wqRFKvNNHd%2B7MlWn67FvundNNO6zwI8PF8
t1f48QK37NA8PqzsuX0P7zFZr8gadpF9Zchnd687V%2Fq9Bc%3D&RelayState=cookie%3A1743276977_1e41
Content-Length: 1045
Keep-Alive: timeout=5, max=88
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743276977_1e41_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276977_1e41=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276977_1e41_fgvars=6aac3dd00087ff9f404d4b8760db466f; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276977_1e41=6aac3dd00087ff9f404d4b8760db466f; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcIZJONLUSiBG2R8qCrfjapekANDYgkwtZ3HfvuaPFZs1UZVL%2FFpxPw985uHQQtSFjVjy93JGRFBzD0Jqp7KoBDo7JvqeV4gRQQWgSAkCyRRhdzFHTmGmmjPUJlbnmsEcELZ5bFK7EvvgGP
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Z5Psr7Vj%2Frb16Gayvby9AeDWMre2ENQCukqOdFty37uWk7GHsW9EXIGqDf8oWvhtV1faJXranu%2Ft5uLSKCVcR2LyWugYtzeUgft5%2BeOpczbkaFzgS8Nbz78cltYvoU%2B9E68PwkjFbrYOZHCfa9t8g3cIBjf%2BGGgb9YLW
PFQJkHxydRHOFG8tOcBjMq1lobLZYfiOs0VJRLCOQFTR919yiYDePA5Ew0Xu6%2BaG%2Biq%2FbCNL5N7lmcCepeaysCaei6KcSQqbfeho1060L3iFKjSC%2FH%2F60shyyICf1wqRFKvNNHd%2B7MlWn67FvundNNO6zwI8PF8
t1f48QK37NA8PqzsuX0P7zFZr8gadpF9Zchnd687V%2Fq9Bc%3D&RelayState=cookie%3A1743276977_1e41">here</a>.</p>
</body></html>
```


Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743276889_1ab0_fgvars (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743276863_41dd_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276863_41dd=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276863_41dd_fgvars=_464ad95ae4df0e5b632be551458bf7b6; _opensaml_req_cookie%3A1743276863_41dd=_464ad95ae4df0e5b632be551458bf7b6
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 19:36:17 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xVtFj5pAEH72%2FgrOuyBwatyoCUVvJfEHZThT9IWisM0cmwNld5fT%2B%2By6oF65pT0M94FmG9nnvLnZgcCFHnf3Foeywh%2B1iCkdi7yUgDWMnNcXiJGBBwJAULJFOE3dUS2cYAVZwJ1rJc1lwhgEvKSo%2BV
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rmQQFz%2B%2B2hR8beGBvzfJhZS%2Fte%2FQe8n5FQpadkH9ZULnN2%2F3SZ3%2Fag%3D%3D&RelayState=cookie%3A1743276977_031f
Content-Length: 1067
Keep-Alive: timeout=5, max=75
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743276977_031f_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276977_031f=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276977_031f_fgvars= 6b97516fe7d13104c7104eeabf1e4269; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276977_031f= 6b97516fe7d13104c7104eeabf1e4269; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/profille/SAML2/Redirect/SSO?
SAMLRequest=xVtFj5pAEH72%2FgrOuyBwatyoCUVvJfEHZThT9IWisM0cmwNld5fT%2B%2By6oF65pT0M94FmG9nnvLnZgcCFHnf3Foeywh%2B1iCkdi7yUgDWMnNcXiJGBBwJAULJFOE3dUS2cYAVZwJ1rJc1lwhgEvKSo%2BV
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rmQQFz%2B%2B2hR8beGBvzfJhZS%2Fte%2FQe8n5FQpadkH9ZULnN2%2F3SZ3%2Fag%3D%3D&RelayState=cookie%3A1743276977_031f">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante	
Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_shibstate_1743276889_1ab0 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743276863_41dd_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276863_41dd=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276863_41dd_fgvars=_464ad95ae4df0e5b632be551458bf7b6; _opensaml_req_cookie%3A1743276863_41dd=_464ad95ae4df0e5b632be551458bf7b6
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 19:36:17 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBA%2FPZttYSSRK0BipD4rZgQoFERgSS4Qp7Tz67WtIsrnKnNp6iU8j5u%2BZ3zzMFRKRWZWD3IPdIBD8OIKR2rspa4M4xRQdeY5YKKnCdViCwzDBxLwts6yZuUjMsYyXSXGAS8pcj9XiUAEh
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BPh4vtsrFhuB03Zshx9R9sK%2Bh%2FcYJ0dFkDTtovrIhs5u3v4vdfYL&RelayState=cookie%3A1743276977_d5c5
Content-Length: 1049
Keep-Alive: timeout=5, max=76
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743276977_d5c5_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276977_d5c5=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276977_d5c5_fgvars= b3dfd92e1380e21f553611353349f000; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276977_d5c5= b3dfd92e1380e21f553611353349f000; path=/; secure; HttpOnly; SameSite=None

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<html><head>
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<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBA%2FPZttYSSRK0BipD4rZgQoFERgSS4Qp7Tz67WtIsrnKnNp6iU8j5u%2BZ3zzMFRKRWZWD3IPdIBD8OIKR2rspa4M4xRQdeY5YKKnCdViCwzDBxLwts6yZuUjMsYyXSXGAS8pcj9XiUAEh
wI80g9dcmUJVKRuBDUMKORSQHTjckp6ERk0oVkyWoFNpQNEkJT061fJl1p2IhubJi0vCJRPJfgvXN8iebresBLnXhWEGS2Ib4ZrESJsrdfQnLcT71KFTSW8j6f1su1Q14bBTajBUHQUT4RougpxyyKRByBppwXyKkg2TF%2FhYBsv5
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2FXK9iXw%2FiZBFsnER9D1vLTkgYzN8NaGL0WH4jbPBKUQTzkJU0%2B6m5Zc1OHodUwhRzyHhTX8X0bYS8202vHxbZah6mpRT0YBzmkm30YaJd09C94pSo0gu7%2F%2BtLKCsiBd0uF0wxnBTR14dvIHK%2B%2BXov9U7rZoHoe
BPh4vtsrFhuB03Zshx9R9sK%2Bh%2FcYJ0dFkDTtovrIhs5u3v4vdfYL&RelayState=cookie%3A1743276977_d5c5">here</a>.</p>
</body></html>
```

Cookie con attributo SameSite non sicuro, improprio o mancante

Severità:	Media
Punteggio CVSS:	4,7
Vettore CVSS:	AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:N/E:U/RL:O/RC:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	_opensaml_req_cookie%3A1743276889_1ab0 (Cookie)
Rischio:	Impedisce la perdita di informazioni di cookie limitando i cookie al contesto first-party o same-site. Gli attacchi si possono estendere ad attacchi Cross-Site-Request-Forgery (CSRF) se non sono presenti ulteriori protezioni (quali token Anti-CSRF).
Causa:	Cookie sensibile con attributo SameSite improprio, non sicuro o mancante
Fix:	Esaminare soluzioni possibili per configurare l'attributo di cookie SameSite su valori consigliati

Differenza:

Motivazione: La risposta contiene cookie sensibile con attributo SameSite non sicuro, improprio o mancante; ciò può causare perdita di informazioni sui cookie, che può estendersi ad attacchi Cross-Site-Request-Forgery(CSRF) se non sono presenti ulteriori protezioni.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743276863_41ddfgwars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743276863_41dd=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743276863_41ddfgwars=_464ad95ae4df0e5b632be551458bf7b6; _opensaml_req_cookie%3A1743276863_41dd=_464ad95ae4df0e5b632be551458bf7b6
Content-Length: 0

HTTP/1.1 302 Found
Date: Sat, 29 Mar 2025 19:36:17 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcSaBhJZEoQvukPChmo6ox5JhYgkwtZ1Hv31NHu2aqOql%2Fg0Yv6e%2Bc3DjCUpixr5B7WvEvhwAKmMc1lUEl0cE%2FMgKsJZBVpASJFEXX8yRY%2FVQlBjilBen4UsJQjFeBbys
hxIEBnFkFN6S%2BcTckLVL2NtKqg4EehBg6XgKSL1zKhtLwGLK1rLOcnZ0M%2B27ME4ma5Znrz60syR8jVbL0MZ7ttnwAtTelqLbDY1jxyucms2b67ORNBaFUS50J6uJZlWz7Yh0ImCn1WdrOrasgFu4BHimgCob45VpRLQJmX1ku6
XgOUM6GuWD3mjoUa9P3F7uAdkOP1EtK%2FIAUSUVqtdEdHrOoNtzu46X9j3kd1F%2F9N0041u7PrMgZ9XucdW83V5FEX9I0715LXIOQ1%2Fk0Wjy%2BvHSu29yMCL0TRgt4j%2BOT%2B8TMKQ6TdRSEWZys1tEsTDIcBm9JaoEIp%2B
Hcj6NwsVqnoRWL2TxaU5n%2BHjEwK%2BE4mn0YONhusfx3WKOlpohmMS8Y%2FwN4RcFPgQCiYGL2TftdFRPftHyy24GzeDoygh4WRFBZNMFOBOqWn3oGndtC8EhS40ge3%2F9KWRbSEHcVkgRCiITTR94dug5y2%2F3or9U7ppp3
WeBPh8vvsrffH%2BBO35sHh%2FW9tx5hPccJpdkAzjqrVhK7v3vYvdfol&RelayState=cookie%3A1743276977_57cb
Content-Length: 1051
Keep-Alive: timeout=5, max=73
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743276977_57cbfgwars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743276977_57cb=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743276977_57cbfgwars=9affce926c77d50769c91a30d9eaf64c; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743276977_57cb=9affce926c77d50769c91a30d9eaf64c; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuAcSaBhJZEoQvukPChmo6ox5JhYgkwtZ1Hv31NHu2aqOql%2Fg0Yv6e%2Bc3DjCUpixr5B7WvEvhwAKmMc1lUEl0cE%2FMgKsJZBVpASJFEXX8yRY%2FVQlBjilBen4UsJQjFeBbys
hxIEBnFkFN6S%2BcTckLVL2NtKqg4EehBg6XgKSL1zKhtLwGLK1rLOcnZ0M%2B27ME4ma5Znrz60syR8jVbL0MZ7ttnwAtTelqLbDY1jxyucms2b67ORNBaFUS50J6uJZlWz7Yh0ImCn1WdrOrasgFu4BHimgCob45VpRLQJmX1ku6
XgOUM6GuWD3mjoUa9P3F7uAdkOP1EtK%2FIAUSUVqtdEdHrOoNtzu46X9j3kd1F%2F9N0041u7PrMgZ9XucdW83V5FEX9I0715LXIOQ1%2Fk0Wjy%2BvHSu29yMCL0TRgt4j%2BOT%2B8TMKQ6TdRSEWZys1tEsTDIcBm9JaoEIp%2B
Hcj6NwsVqnoRWL2TxaU5n%2BHjEwK%2BE4mn0YONhusfx3WKOlpohmMS8Y%2FwN4RcFPgQCiYGL2TftdFRPftHyy24GzeDoygh4WRFBZNMFOBOqWn3oGndtC8EhS40ge3%2F9KWRbSEHcVkgRCiITTR94dug5y2%2F3or9U7ppp3
WeBPh8vvsrffH%2BBO35sHh%2FW9tx5hPccJpdkAzjqrVhK7v3vYvdfol&RelayState=cookie%3A1743276977_57cb">here</a>.</p>
</body></html>
```

Crittografia debole rilevata: non tutti i pacchetti di crittografia supportano Perfect Forward Secrecy	
Severità:	Media
Punteggio CVSS:	6,5
Vettore CVSS:	AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/M:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/sigas
Entità:	tst-secure.sistemapiemonte.it (Page)
Rischio:	È possibile intercettare o manipolare la sessione del cliente e i cookie, che potrebbero essere utilizzati per impersonare un utente legittimo, consentendo così all'aggressore di visualizzare o modificare i record dell'utente e di eseguire transazioni come se fosse tale utente.
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modifica cipher suite supportate dal server

Differenza:

Motivazione: AppScan ha determinato che il sito utilizza cipher suite deboli creando correttamente connessioni SSL che utilizzano ciascuna della cipher suite deboli elencate qui.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:52:30 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/prof/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swE2MFP2U%2BBFA8E2LSJLURKcdoi5UEXG1W9IAcmiSXA1HYe%2B%2B1rSLJiqzaqeolPI%2Bbvmd88zejSIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMUYHUWJOJZ04pAVIrFUMpos5dsdswergRXP0U5MgZSg1CM1x
4v5aEQAUAQvQv0XyM9kpVEluWkqorIT0IMHUBQWtGBS8VGAyZU1ZJTk7uon2NzaTyIplycuUEnkwSipW%2BRPdtseA5qb0rJrZrEscIviZEEx0%2BispDXEx5Sn08msI5ntbDugkvrjYaTVVuo4ty%2BEaLoKMCUIVRogKGcFsJB
Kafug7KngDz9mzs%2Blntr3Z2t5wsB06EY3PS2T8gEBKRUt1Rg5Paff7bldZxDbz7jvYlf3AwnhtV1fWUmxne%2Ft5uLSOKvcRx2IjWuQcimFCLAk6enzuW461HhkhC0hnc%2FPr1NDE2IH60Dz0%2FCaUJOZn6UEN97jXyTBCt2
F9Mw8BerZeybQZzhg7Wb609hbtKJCYPZhwGNrBbLb4QVxmGKYBbynKvxcjTP%2BckTQBMkY2scd%2FVVfN1GyJrd9OrbnZxh8aKigsm6C3CmqWrl0WNoOtG%2B4OW60Ai2%2F9OXWraFDESzVJImOK2j6Qvf%2B73h8tu12D%2Blm3
Ra50GAj%2Be7vcL3F7jjx%2FrxEW3PhXt4j0FY%2FwXJMC6qvZzo5OZt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97
Content-Length: 1061
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173550_5d97_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97_fgvars= ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97= ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_region/prof/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swE2MFP2U%2BBFA8E2LSJLURKcdoi5UEXG1W9IAcmiSXA1HYe%2B%2B1rSLJiqzaqeolPI%2Bbvmd88zejSIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMUYHUWJOJZ04pAVIrFUMpos5dsdswergRXP0U5MgZSg1CM1x
4v5aEQAUAQvQv0XyM9kpVEluWkqorIT0IMHUBQWtGBS8VGAyZU1ZJTk7uon2NzaTyIplycuUEnkwSipW%2BRPdtseA5qb0rJrZrEscIviZEEx0%2BispDXEx5Sn08msI5ntbDugkvrjYaTVVuo4ty%2BEaLoKMCUIVRogKGcFsJB
Kafug7KngDz9mzs%2Blntr3Z2t5wsB06EY3PS2T8gEBKRUt1Rg5Paff7bldZxDbz7jvYlf3AwnhtV1fWUmxne%2Ft5uLSOKvcRx2IjWuQcimFCLAk6enzuW461HhkhC0hnc%2FPr1NDE2IH60Dz0%2FCaUJOZn6UEN97jXyTBCt2
F9Mw8BerZeybQZzhg7Wb609hbtKJCYPZhwGNrBbLb4QVxmGKYBbynKvxcjTP%2BckTQBMkY2scd%2FVVfN1GyJrd9OrbnZxh8aKigsm6C3CmqWrl0WNoOtG%2B4OW60Ai2%2F9OXWraFDESzVJImOK2j6Qvf%2B73h8tu12D%2Blm3
Ra50GAj%2Be7vcL3F7jjx%2FrxEW3PhXt4j0FY%2FwXJMC6qvZzo5OZt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97">here</a>.</p>
</body></html>
```

Verificare che il sito utilizzi cipher suite deboli crittograficamente elencate qui.

Le seguenti cipher suite deboli sono supportate dal server:

ID	Nome	Versione SSL
7	TLS_RSA_WITH_IDEA_CBC_SHA	TLS 1.1
47	TLS_RSA_WITH_AES_128_CBC_SHA	TLS 1.2
53	TLS_RSA_WITH_AES_256_CBC_SHA	TLS 1.2
60	TLS_RSA_WITH_AES_128_CBC_SHA256	TLS 1.2
61	TLS_RSA_WITH_AES_256_CBC_SHA256	TLS 1.2
65	TLS_RSA_WITH_CAMELLIA_128_CBC_SHA	TLS 1.2
132	TLS_RSA_WITH_CAMELLIA_256_CBC_SHA	TLS 1.2
150	TLS_RSA_WITH_SEED_CBC_SHA	TLS 1.2
156	TLS_RSA_WITH_AES_128_GCM_SHA256	TLS 1.2
157	TLS_RSA_WITH_AES_256_GCM_SHA384	TLS 1.2
186	TLS_RSA_WITH_CAMELLIA_128_CBC_SHA256	TLS 1.2
192	TLS_RSA_WITH_CAMELLIA_256_CBC_SHA256	TLS 1.2
49232	TLS_RSA_WITH_ARIA_128_GCM_SHA256	TLS 1.2
49233	TLS_RSA_WITH_ARIA_256_GCM_SHA384	TLS 1.2
49308	TLS_RSA_WITH_AES_128_CCM	TLS 1.2
49309	TLS_RSA_WITH_AES_256_CCM	TLS 1.2
49312	TLS_RSA_WITH_AES_128_CCM_8	TLS 1.2
49313	TLS_RSA_WITH_AES_256_CCM_8	TLS 1.2

M Elenco di directory 1

Sommario

Problema 1 di 1

Sommario

Elenco di directory

Severità:	Media
Punteggio CVSS:	6,5
Vettore CVSS:	AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/ML:X/MAX
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	tst-secure.sistemapiemonte.it (Page)
Rischio:	È possibile visualizzare e scaricare il contenuto di determinate directory virtuali dell'applicazione Web, che potrebbero contenere file riservati
Causa:	L'esplorazione directory è abilitata
Fix:	Modificare la configurazione del server in modo da rifiutare l'elenco di directory ed installare le ultime patch di sicurezza disponibili

Differenza: Percorso manipolato da: `/sigas` A `/icons/small/`

Motivazione: Il test ha tentato di rilevare directory/file nascosti sul server. Lo stato della risposta era 200 OK o 403 Proibito. Lo stato 200 indica che il test è riuscito a recuperare il contenuto della directory/file richiesto. Lo stato 403 ne rivela l'esistenza, anche se l'accesso non è consentito.

Richieste e risposte del test:

```
GET /icons/small/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
```

```
HTTP/1.1 200 OK
Date: Fri, 28 Mar 2025 15:00:31 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Vary: Accept-Encoding,User-Agent
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Transfer-Encoding: chunked
Content-Type: text/html; charset=ISO-8859-1
```

```

DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final/EN"
<html>
<head>
<title>Index of /icons/small</title>
</head>
<body>
<h1>Index of /icons/small</h1>
<table>
<tr><th valign="top"></th><th><a href="?C=N;O=D">Name</a></th><th><a href="?C=M;O=A">Last modified</a></th><th><a href="?C=S;O=A">Size</a></th><th><a href="?C=D;O=A">Description</a></th></tr>
<tr><th colspan="5"><hr></th></tr>
<tr><td valign="top"></td><td><a href="/>Parent Directory</a>
</td><td align="right"> - </td>
<td align="right"></td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="back.gif">back.gif</a>
</td>&td align="right">2004-11-20 21:16
</td>&td align="right"></td>&td align="right"></td></tr>
<tr><td valign="top"></td>&td><a href="back.png">back.png</a>
</td>&td align="right">2007-08-28 12:53
</td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">181
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">134
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">172
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">131
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">178
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">55
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">184
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">128
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">210
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">130
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">216
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
<tr>&td align="right">216
</td>&td align="right"></td>&td align="right"></td>&td align="right"></td>&td align="right"></td></tr>
...
...
...

```

Individuazione pattern elenco di directory	
Severità:	Media
Punteggio CVSS:	5,3
Vettore CVSS:	AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	tst-secure.sistemapiemonte.it (Page)
Rischio:	È possibile visualizzare e scaricare il contenuto di determinate directory virtuali dell'applicazione Web, che potrebbero contenere file riservati
Causa:	L'esplorazione directory è abilitata
Fix:	Modificare la configurazione del server in modo da rifiutare l'elenco di directory ed installare le ultime patch di sicurezza disponibili

Differenza:

Motivazione: La risposta include il contenuto di una directory (elenco di directory). Questo indica che il server consente l'elenco di directory, cosa che in genere non è consigliata.

Richieste e risposte del test:

```
GET /icons/small/?C=M;O=A HTTP/1.1
Accept-Language: en-US
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Referer: https://tst-secure.sistemapiemonte.it/icons/small/
Host: tst-secure.sistemapiemonte.it
User-Agent: Mozilla/5.0 (Windows NT 6.2; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/100.0.4896.127 Safari/537.36
Content-Length: 0

HTTP/1.1 200 OK
Date: Fri, 28 Mar 2025 15:08:36 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Vary: Accept-Encoding,User-Agent
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Transfer-Encoding: chunked
Content-Type: text/html; charset=ISO-8859-1

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
<head>
<title>Index of /icons/small</title>
</head>
<body>
<h1>Index of /icons/small</h1>
<table>
<tr><th valign="top"></th><th><a href="?C=N;O=A">Name</a></th><th><a href="?C=M;O=D">Last modified</a></th><th><a href=?C=S;O=A">Size</a></th><th><a href="?C=D;O=A">Description</a></th></tr>
<tr><th colspan="5"><hr></th></tr>
<tr><td valign="top"></td><td><a href="/icons/">Parent Directory</a>
</td><td>&nbsp;</td><td align="right"> - </td>
<td>&nbsp;</td></tr>
<tr><td valign="top"></td><td><a href="back.gif">back.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="binary.gif">binary.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="binhex.gif">binhex.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="blank.gif">blank.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="broken.gif">broken.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="burst.gif">burst.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="compl.gif">compl.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="comp2.gif">comp2.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="compressed.gif">compressed.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="continued.gif">continued.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="doc.gif">doc.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="forward.gif">forward.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="generic.gif">generic.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="generic2.gif">generic2.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="generic3.gif">generic3.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="image.gif">image.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td>
</td></tr>
<tr><td valign="top"></td><td><a href="image2.g
...

```


...

Risposta del test

La versione precedente di TLS è supportata.	
Severità:	Media
Punteggio CVSS:	5,3
Vettore CVSS:	AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/sigas
Entità:	tst-secure.sistemapiemonte.it (Page)
Rischio:	È possibile intercettare o manipolare la sessione del cliente e i cookie, che potrebbero essere utilizzati per impersonare un utente legittimo, consentendo così all'aggressore di visualizzare o modificare i record dell'utente e di eseguire transazioni come se fosse tale utente.
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Utilizzare un algoritmo di firma diverso per il certificato. Consultare "Raccomandazione Fix" per istruzioni server specifiche

Differenza:

Motivazione: AppScan ha rilevato che il server supporta una versione precedente di TLS (o TLS v1.0 o TLS v1.1).

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:52:30 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_region/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swdMFP2U%2BBfA8E2LS1URKObi5UEXG1W9IAcmiSXA1Hye%2B%2B1rSLJicqaeolPI%2Bvmd88zeEjSIq%2Fw9KD2ZQQ%2FDyCvCS7yUuLQMUYHUWUJZO4pAVTrFJMpos5dsdswergRXP0U5MgZSg1CM1x
4v5aEaQUAcvQy0XyM9kpVEluWkqorIT0IMHUBQwtGBS8VGAyZULZJTk7uon2NZaTyIplycuUEnkvwSrpW%2BRPdtseA5qb0rJrZrEscIViZEEx0%2BispDXEx5Sn08msI5ntbDuglorjYaTVYuo4ty%2BEaLoKMCUiVRogKGcPsjB
Kafug7kNgDz9mzs%2B1ntr3Z2M5wsB0MEy3PS2T8gBBKRut1Rg5Paff7bldZxDbz7jvVlf3AxxhtV1fWJmxcne%2Ft5uLS0KvcRz2LyWuQcimFC1Ak6genzuMM6LHhkhkC0hnc%2FPr1NDE2IH60Dz0%2FCaLUOzn6UEN97jXyTBCT2
F9Mw8BerZeybQZz4Mg7Mb609hbTkJCYPZhwGnrBbLb4QAmgKYBbynKvVxjTP%2BckIQBNMkY2sc%2FVFNlGyJrd9OrBnZxh8aKigsm6C3CmgWrl0NncOtG%2B4OW60Ai2%2F9OXWraFDESzVJImOK2j6Qvf%2B73h8tu12D%2BIm3
Ra50Gaj%2Be7vcL3F7jjx%2FndEW3PnXt4j0Fy%2FwXJMC6qv2zo5OZt%2F1InvwA%3DwRelayState=cookie%3A1743173550_5d97
Content-Length: 1061
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173550_5d97_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97_fgvars=ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97=ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly; SameSite=None
```

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?SAMLRequest=xZRLj5swEMfP2U%2BBfA8E2LSJ1URK0doi5UEXG1W9IAcmiSXA1HYe%2B%2B1rSLJiqzageolPI%2Bvmd88zeEjSIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMUYHUWJ0JZO4pAVIrFUMpos5dsvergrXPOU5MqZSglCM1x4v5aEQUAcvQqv0XyM9kpVEluWkqorIT0IMHU8BQwtGBS8VGAyZU1ZJTk7uon2NZaTyIplycuUhnkvwSrpW%2BRPdtseA5qb0rJrZrEscIviZEEx0%2BispDXEx5Sn08msI5ntbDugkwjYaTVVuo4ty%2BEaLoRMCuiVRogKGcFsJBKafug7kNgDz9ms%2B1ntr3Z2M5wsB06MEy3PS2T8gBBKRut1Rg5Paff7bldZxDbz7jvYlf3AwnhtV1fWJmxcne%2Pt5uLSOKvcR2LyWuQcimFC1Ak6enzuWM6LHhkhC0hnc%2FPr1NDE2IH60Dz0%2FCaLUOZn6UEN97jXyTBCT2F9Mw8BerZeybQZzhg7Mb609hbTkJCYPZhwGNrBbLb4QVmqgYBbynKvxcjTP%2BckTQBNMkY2sd%2FVVbN1GyJrd9OrBnZXh8aKigsm6C3CmqWrlcWNcOtG%2B4OW60Ai2%2F9OXWraFDESzVJmOK2j6QvF%2B73h8tu12D%2BIm3Ra5OGaj%2Be7vcL3F7jjx%2FncEW3PnXt4j0FY%2FwJMC6qv2zo5Ozt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97">here</a>.</p>
</body></html>
```

Sono state rilevate cipher suite SHA-1	
Severità:	Media
Punteggio CVSS:	5,3
Vettore CVSS:	AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/IAR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/sigas
Entità:	tst-secure.sistemapiemonte.it (Page)
Rischio:	È possibile intercettare o manipolare la sessione del cliente e i cookie, che potrebbero essere utilizzati per impersonare un utente legittimo, consentendo così all'aggressore di visualizzare o modificare i record dell'utente e di eseguire transazioni come se fosse tale utente.
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modifica cipher suite supportate dal server

Differenza:

Motivazione: AppScan ha determinato che il sito utilizza cipher suite deboli creando correttamente connessioni SSL che utilizzano ciascuna della cipher suite deboli elencate qui.

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:52:30 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?SAMLRequest=xZRLj5swEMfP2U%2BBfA8E2LSJ1URK0doi5UEXG1W9IAcmiSXA1HYe%2B%2B1rSLJiqzageolPI%2Bvmd88zeEjSIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMUYHUWJ0JZO4pAVIrFUMpos5dsvergrXPOU5MqZSglCM1x4v5aEQUAcvQqv0XyM9kpVEluWkqorIT0IMHU8BQwtGBS8VGAyZU1ZJTk7uon2NZaTyIplycuUhnkvwSrpW%2BRPdtseA5qb0rJrZrEscIviZEEx0%2BispDXEx5Sn08msI5ntbDugkwjYaTVVuo4ty%2BEaLoRMCuiVRogKGcFsJBKafug7kNgDz9ms%2B1ntr3Z2M5wsB06MEy3PS2T8gBBKRut1Rg5Paff7bldZxDbz7jvYlf3AwnhtV1fWJmxcne%2Pt5uLSOKvcR2LyWuQcimFC1Ak6enzuWM6LHhkhC0hnc%2FPr1NDE2IH60Dz0%2FCaLUOZn6UEN97jXyTBCT2F9Mw8BerZeybQZzhg7Mb609hbTkJCYPZhwGNrBbLb4QVmqgYBbynKvxcjTP%2BckTQBNMkY2sd%2FVVbN1GyJrd9OrBnZXh8aKigsm6C3CmqWrlcWNcOtG%2B4OW60Ai2%2F9OXWraFDESzVJmOK2j6QvF%2B73h8tu12D%2BIm3Ra5OGaj%2Be7vcL3F7jjx%2FncEW3PnXt4j0FY%2FwJMC6qv2zo5Ozt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97
Content-Length: 1061
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
```

```
Set-Cookie: _shibstate_1743173550_5d97_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97_fgvars=_ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97=_ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?SAMLRequest=xZRLj5swtMfP2U%2BBfa8E2LSJlURKdoi5UExG1W9IAcmiSXA1HYe%2B%2B1rSLJicqazeolPI%2Bovmd88zEjSIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMUYHUWUJZO4pAVIrFUMpos5dsweRgRXPOUSMgZSglCMLx4v5aEQUAcvQgv0XyM9kpVEluWkqorIT0IMHU8BQwtGBS8VGAYZU1ZJTk7uon2NZaTyIp1yculhEnkvwSpW%2BRPdtseA5qb0rJrZrEscIViZEEx0%2BispDXEx5Sn08msI5ntbDuglorjYaIVYuo4ty%2BEaLoKMCUiVRogKGcFsJBKafuq7kNqDz9mzs%2B1ntr3Z2M5wsB06MEy3PS2T8gBBKRut1Rg5Paff7bldZxDbz7jvYlf3AamhtV1fWJmxcne%2Ft5uLSOKvcRc2LyWuQcimFC1Ak6enzuWM61HhkhC0hnc%2FFr1NDE2IH60Dz0%2FCaLUOZn6UEN97jXyTBCT2F9W8BerZeybQZz4Mg7Mb609hbTkJCYFZhwGNrBbLb4QVxmgKYBbynKvVxjTP%2BckITQBMMK2sc%2FVWfN1GyJrd9OrBnZXh8aKigsm6C3QmgWrlwNcOtG%2B4OW60Ai2%2F9OXWraFDESzVJinOK2j6Qvf%2B73h8tu12D%2B1m3Ra5OGAj%2Be7vcL3F7jjx%2FndEW3PnXt4j0Fy%2FwXJMD6qvZzo5Ozt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97">here</a>.</p>
</body></html>
```

Verificare che il sito utilizzi cipher suite deboli crittograficamente elencate qui.

Le seguenti cipher suite deboli sono supportate dal server:

ID	Nome	Versione SSL
7	TLS_RSA_WITH_IDEA_CBC_SHA	TLS 1.0
47	TLS_RSA_WITH_AES_128_CBC_SHA	TLS 1.0
53	TLS_RSA_WITH_AES_256_CBC_SHA	TLS 1.0
65	TLS_RSA_WITH_CAMELLIA_128_CBC_SHA	TLS 1.0
132	TLS_RSA_WITH_CAMELLIA_256_CBC_SHA	TLS 1.0
150	TLS_RSA_WITH_SEED_CBC_SHA	TLS 1.0
49171	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	TLS 1.0
49172	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA	TLS 1.0
7	TLS_RSA_WITH_IDEA_CBC_SHA	TLS 1.1
47	TLS_RSA_WITH_AES_128_CBC_SHA	TLS 1.1
53	TLS_RSA_WITH_AES_256_CBC_SHA	TLS 1.1
65	TLS_RSA_WITH_CAMELLIA_128_CBC_SHA	TLS 1.1
132	TLS_RSA_WITH_CAMELLIA_256_CBC_SHA	TLS 1.1
150	TLS_RSA_WITH_SEED_CBC_SHA	TLS 1.1
49171	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	TLS 1.1
49172	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA	TLS 1.1
47	TLS_RSA_WITH_AES_128_CBC_SHA	TLS 1.2
53	TLS_RSA_WITH_AES_256_CBC_SHA	TLS 1.2
65	TLS_RSA_WITH_CAMELLIA_128_CBC_SHA	TLS 1.2
132	TLS_RSA_WITH_CAMELLIA_256_CBC_SHA	TLS 1.2
150	TLS_RSA_WITH_SEED_CBC_SHA	TLS 1.2
49171	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA	TLS 1.2
49172	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA	TLS 1.2

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	default (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /sigas A /default

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /default HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1f mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
```

```
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found
error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Problema 2 di 45

[Sommario](#)

Attacco Apache Multiviews

Severità:**Bassa****Punteggio CVSS:** 3,7**Vettore CVSS:** AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X**URL:** <https://tst-secure.sistemapiemonte.it/>**Entità:** index (Page)**Rischio:** È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web**Causa:** Il server Web o il server di applicazioni sono configurati in un modo non sicuro**Fix:** Modificare la configurazione del server in modo da disabilitare la funzione Multiviews**Differenza:** **Intestazione** `Accept` manipolato da:`text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7` **A:**`application/whatever; q=1.0`**Percorso** manipolato da: `/sigas` **A:** `/index`**Motivazione:** La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine**Richieste e risposte del test:**

```
GET /index HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
```

<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found
error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>

Problema 3 di 45

Sommario

Attacco Apache Multiviews

Severità: **Bassa**

Punteggio CVSS: 3,7

Vettore CVSS: AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MAX

URL: <https://tst-secure.sistemapiemonte.it/>

Entità: main (Page)

Rischio: È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web

Causa: Il server Web o il server di applicazioni sono configurati in un modo non sicuro

Fix: Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: **Intestazione** **Accept** manipolato da:

text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 **A**
application/whatever; q=1.0

Percorso manipolato da: /sigas **A** /main

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine

Richieste e risposte del test:

```
GET /main HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (language es) (length 709)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)), ("HTTP NOT FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-tw) (length 628))
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found
```


error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>

Problema 4 di 45

Sommario

Attacco Apache Multiviews

Severità: **Bassa**

Punteggio CVSS: 3,7

Vettore CVSS: AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/IAR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/M:X/MA:X

URL: <https://tst-secure.sistemapiemonte.it/>

Entità: logout (Page)

Rischio: È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web

Causa: Il server Web o il server di applicazioni sono configurati in un modo non sicuro

Fix: Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: **Intestazione** **Accept** manipolato da:

text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 **A**
application/whatever; q=1.0

Percorso manipolato da: **/sigas** **A** **/logout**

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine

Richieste e risposte del test:

```
GET /logout HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Altmetates: {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language cs} {length 714}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language de} {length 773}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language en} {length 618}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {language es} {length 709}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language fr} {length 796}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ga} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language it} {length 699}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ja} {length 761}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ko} {length 764}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nl} {length 695}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nb} {length 690}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pl} {length 731}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pt-br} {length 760}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset iso-8859-1} {language pt} {length 272}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ro} {length 696}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ru} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sr} {length 882}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sv} {length 729}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language tr} {length 662}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-cn} {length 622}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-tw} {length 628}}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found
error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MAX
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	login (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /sigas A /login

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine

Richieste e risposte del test:

```
GET /login HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language cs} {length 714}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language de} {length 773}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language en} {length 618}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {language es} {length 709}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language fr} {length 796}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language ga} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language it} {length 699}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language ja} {length 761}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language ko} {length 764}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language nl} {length 695}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language nb} {length 690}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language pl} {length 731}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language pt-br} {length 760}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset iso-8859-1} {language pt} {length 272}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language ro} {length 696}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language ru} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language sr} {length 882}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language sv} {length 729}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language tr} {length 662}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language zh-cn} {length 622}}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) {charset utf-8} {language zh-tw} {length 628}}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/small/
Entità:	default (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
Accept: application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/small/default

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/small/default HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/small/
Entità:	index (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/small/index

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/small/index HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 406 Not Acceptable
Date: Fri, 28 Mar 2025 15:08:54 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"index.gif" 1 {type image/gif} {length 268}}, {"index.png" 1 {type image/png} {length 332}}
Vary: negotiate,accept
TCN: list
Content-Length: 400
Keep-Alive: timeout=5, max=72
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>406 Not Acceptable</title>
</head><body>
<h1>Not Acceptable</h1>
<p>An appropriate representation of the requested resource could not be found on this server.</p>
Available variants:
<ul>
<li><a href="index.gif">index.gif</a> , type image/gif</li>
<li><a href="index.png">index.png</a> , type image/png</li>
</ul>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/small/
Entità:	main (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/small/main

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/small/main HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/small/
Entità:	logout (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/small/logout

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/small/logout HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```


Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/small/
Entità:	login (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/small/login

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/small/login HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/
Entità:	default (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/default

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/default HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/
Entità:	index (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/index

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/index HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 406 Not Acceptable
Date: Fri, 28 Mar 2025 15:08:54 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"index.gif" 1 {type image/gif} {length 268}}, {"index.png" 1 {type image/png} {length 332}}
Vary: negotiate,accept
TCN: list
Content-Length: 400
Keep-Alive: timeout=5, max=72
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>406 Not Acceptable</title>
</head><body>
<h1>Not Acceptable</h1>
<p>An appropriate representation of the requested resource could not be found on this server.</p>
Available variants:
<ul>
<li><a href="index.gif">index.gif</a> , type image/gif</li>
<li><a href="index.png">index.png</a> , type image/png</li>
</ul>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/
Entità:	main (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/main

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/main HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/
Entità:	logout (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/logout

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/logout HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/icons/
Entità:	login (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /icons/small/ A: /icons/login

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /icons/login HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/cgi-bin/
Entità:	default (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /cgi-bin/ A /cgi-bin/default

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /cgi-bin/default HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```


Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/cgi-bin/
Entità:	index(Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /cgi-bin/ A /cgi-bin/index

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /cgi-bin/index HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/cgi-bin/
Entità:	main (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /cgi-bin/ A /cgi-bin/main

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /cgi-bin/main HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/cgi-bin/
Entità:	logout (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /cgi-bin/ A /cgi-bin/logout

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /cgi-bin/logout HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews

Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/cgi-bin/
Entità:	login (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /cgi-bin/ A /cgi-bin/login

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /cgi-bin/login HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1f mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/assets/
Entità:	default (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /assets/ A /assets/default

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /assets/default HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/assets/
Entità:	index(Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /assets/ A /assets/index

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /assets/index HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/assets/
Entità:	main (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /assets/ A /assets/main

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /assets/main HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```


Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/assets/
Entità:	logout (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /assets/ A /assets/logout

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /assets/logout HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/assets/
Entità:	login (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /assets/ A /assets/login

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /assets/login HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found
error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/js/
Entità:	default (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /js/ A /js/default

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /js/default HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/js/
Entità:	index(Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /js/ A /js/index

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /js/index HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/js/
Entità:	main (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /js/ A /js/main

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /js/main HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/js/
Entità:	logout (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /js/ A /js/logout

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /js/logout HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/include/
Entità:	default (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /include/ A: /include/default

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /include/default HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:17:24 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language cs} {length 714}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language de} {length 773}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language en} {length 618}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {language es} {length 709}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language fr} {length 796}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ga} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language it} {length 699}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ja} {length 761}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ko} {length 764}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nl} {length 695}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nb} {length 690}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pl} {length 731}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pt-br} {length 760}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset iso-8859-1} {language pt} {length 272}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ro} {length 696}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ru} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sr} {length 882}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sv} {length 729}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language tr} {length 662}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-cn} {length 622}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-tw} {length 628}}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=89
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found
error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```


Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/js/
Entità:	login (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /js/ A /js/login

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /js/login HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/include/
Entità:	index (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione `Accept` manipolato da:
`text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7` A:
`application/whatever; q=1.0`
Percorso manipolato da: `/include/` A: `/include/index`

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /include/index HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:17:24 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language cs} {length 714}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language de} {length 773}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language en} {length 618}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {language es} {length 709}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language fr} {length 796}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ga} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language it} {length 699}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ja} {length 761}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ko} {length 764}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nl} {length 695}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nb} {length 690}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pl} {length 731}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pt-br} {length 760}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset iso-8859-1} {language pt} {length 272}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ro} {length 696}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ru} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sr} {length 882}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sv} {length 729}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language tr} {length 662}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-cn} {length 622}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-tw} {length 628}}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=89
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found
error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/include/
Entità:	main (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /include/ A: /include/main

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /include/main HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:17:24 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language cs} {length 714}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language de} {length 773}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language en} {length 618}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {language es} {length 709}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language fr} {length 796}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ga} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language it} {length 699}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ja} {length 761}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ko} {length 764}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nl} {length 695}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nb} {length 690}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pl} {length 731}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pt-br} {length 760}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset iso-8859-1} {language pt} {length 272}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ro} {length 696}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ru} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sr} {length 882}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sv} {length 729}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language tr} {length 662}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-cn} {length 622}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-tw} {length 628}}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=89
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found
error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/include/
Entità:	logout (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /include/ A: /include/logout

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /include/logout HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:17:24 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language cs} {length 714}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language de} {length 773}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language en} {length 618}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {language es} {length 709}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language fr} {length 796}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ga} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language it} {length 699}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ja} {length 761}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ko} {length 764}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nl} {length 695}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nb} {length 690}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pl} {length 731}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pt-br} {length 760}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset iso-8859-1} {language pt} {length 272}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ro} {length 696}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ru} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sr} {length 882}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sv} {length 729}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language tr} {length 662}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-cn} {length 622}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-tw} {length 628}}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=89
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found
error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/include/
Entità:	login (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /include/ A: /include/login

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /include/login HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:17:24 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language cs} {length 714}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language de} {length 773}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language en} {length 618}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {language es} {length 709}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language fr} {length 796}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ga} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language it} {length 699}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ja} {length 761}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ko} {length 764}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nl} {length 695}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language nb} {length 690}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pl} {length 731}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language pt-br} {length 760}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset iso-8859-1} {language pt} {length 272}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ro} {length 696}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language ru} {length 820}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sr} {length 882}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language sv} {length 729}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language tr} {length 662}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-cn} {length 622}}, {"HTTP_NOT_FOUND.html.var" 1 {type text/html} {charset utf-8} {language zh-tw} {length 628}}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=89
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/repository/
Entità:	default (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /repository/ A /repository/default

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /repository/default HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1f mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/repository/
Entità:	index(Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /repository/ A /repository/index

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /repository/index HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```


Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/repository/
Entità:	main (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /repository/ A /repository/main

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /repository/main HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/repository/
Entità:	logout (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /repository/ A /repository/logout

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /repository/logout HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/repository/
Entità:	login (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /repository/ A /repository/login

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /repository/login HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1f mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/css/
Entità:	default (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /css/ A /css/default

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /css/default HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/css/
Entità:	index(Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /css/ A: /css/index

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /css/index HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1f mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/css/
Entità:	main (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /css/ A /css/main

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /css/main HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1f mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/css/
Entità:	logout (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A:
application/whatever; q=1.0
Percorso manipolato da: /css/ A: /css/logout

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /css/logout HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1f mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```


Attacco Apache Multiviews	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/css/
Entità:	login (Page)
Rischio:	È possibile richiamare il percorso assoluto di installazione del server Web, che potrebbe essere utile ad un aggressore per sviluppare altri attacchi ed ottenere informazioni sulla struttura del file system dell'applicazione Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Modificare la configurazione del server in modo da disabilitare la funzione Multiviews

Differenza: Intestazione Accept manipolato da:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 A
application/whatever; q=1.0
Percorso manipolato da: /css/ A: /css/login

Motivazione: La risposta del test indica che il server rivela nella risposta alcuni dei nomi delle proprie pagine
Richieste e risposte del test:

```
GET /css/login HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: application/whatever; q=1.0
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 404 Not Found
Date: Fri, 28 Mar 2025 15:08:59 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1f mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Alternates: {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language cs) (length 714)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language de) (length 773)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language en) (length 618)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language es) (length 709)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language fr) (length 796)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ga) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language it) (length 699)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ja) (length 761)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ko) (length 764)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nl) (length 695)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language nb) (length 690)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pl) (length 731)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language pt-br) (length 760)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset iso-8859-1) (language pt) (length 272)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ro) (length 696)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language ru) (length 820)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sr) (length 882)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language sv) (length 729)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language tr) (length 662)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (charset utf-8) (language zh-cn) (length 622)}, {"HTTP_NOT_FOUND.html.var" 1 (type text/html) (language zh-tw) (length 628)}
Vary: accept-language,accept-charset
Content-Length: 315
Keep-Alive: timeout=5, max=34
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
<h1>Not Found</h1>
<p>The requested URL was not found on this server.</p>
<p>Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.</p>
</body></html>
```

Intestazione "Content-Security-Policy" mancante	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	tst-secure.sistemapiemonte.it (Page)
Rischio:	È possibile raccogliere informazioni sensibili sull'applicazione Web come nomi utente, password, nome macchina e/o posizioni dei file sensibili È possibile persuadere un utente ingenuo a fornire informazioni sensibili, ad esempio nome utente, password, numero di carta di credito, numero della previdenza sociale, ecc.
Causa:	Programmazione o configurazione non sicura dell'applicazione Web
Fix:	Configurare il server per l'utilizzo dell'intestazione "Content-Security-Policy" con politiche sicure

Differenza:

Motivazione: AppScan ha rilevato che l'intestazione della risposta Content-Security-Policy non è presente o ha una politica non sicura, e questo aumenta l'esposizione a vari attacchi iniezione di tipo cross-site

Richieste e risposte del test:

```
GET /icons/small/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 200 OK
Date: Fri, 28 Mar 2025 15:00:31 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Vary: Accept-Encoding,User-Agent
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Transfer-Encoding: chunked
Content-Type: text/html; charset=ISO-8859-1

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
<head>
<title>Index of /icons/small</title>
</head>
<body>
<h1>Index of /icons/small</h1>
<table>
<tr><th valign="top"></th><th><a href="?C=N;O=D">Name</a></th><th><a href="?C=M;O=A">Last modified</a></th><th><a href=?C=S;O=A">Size</a></th><th><a href="?C=D;O=A">Description</a></th></tr>
<tr><th colspan="5"><hr></th></tr>
<tr><td valign="top"></td><td><a href="/icons/">Parent Directory</a>
</td><td><td align="right"> - </td>
<td><td></td></tr>
<tr><td valign="top"></td><td><a href="back.gif">back.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td align="right">129 </td><td><td></td></tr>
<tr><td valign="top"></td><td><a href="back.png">back.png</a>
</td><td align="right">2007-08-28 12:53 </td><td align="right">181 </td><td><td></td></tr>
<tr><td valign="top"></td><td><a href="binary.gif">binary.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td align="right">134 </td><td><td></td></tr>
<tr><td valign="top"></td><td><a href="binary.png">binary.png</a>
</td><td align="right">2007-08-28 12:53 </td><td align="right">172 </td><td><td></td></tr>
<tr><td valign="top"></td><td><a href="binhex.gif">binhex.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td align="right">131 </td><td><td></td></tr>
<tr><td valign="top"></td><td><a href="binhex.png">binhex.png</a>
</td><td align="right">2007-08-28 12:53 </td><td align="right">178 </td><td><td></td></tr>
<tr><td valign="top"></td><td><a href="blank.gif">blank.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td align="right">55 </td><td><td></td></tr>
<tr><td valign="top"></td><td><a href="blank.png">blank.png</a>
</td><td align="right">2007-08-28 12:53 </td><td align="right">100 </td><td><td></td></tr>
<tr><td valign="top"></td><td><a href="broken.gif">broken.gif</a>
</td><td align="right">2004-11-20 21:16 </td><td align="right">139 </td><td><td></td></tr>
```



```

<tr><th colspan="5"><hr></th></tr>
<tr><td valign="top"></td><td><a href="/icons/">Parent Directory</a>
<td colspan="3"></td><td align="right"> - </td>
<td colspan="5"></td></tr>
<tr><td valign="top"></td><td><a href="back.gif">back.gif</a>
<td align="right">129 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="binary.gif">binary.gif</a>
<td align="right">134 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="binhex.gif">binhex.gif</a>
<td align="right">131 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="blank.gif">blank.gif</a>
<td align="right">55 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="broken.gif">broken.gif</a>
<td align="right">139 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="burst.gif">burst.gif</a>
<td align="right">128 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="compl.gif">compl.gif</a>
<td align="right">130 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="comp2.gif">comp2.gif</a>
<td align="right">131 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="compressed.gif">compressed.gif</a>
<td align="right">128 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="continued.gif">continued.gif</a>
<td align="right">114 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="doc.gif">doc.gif</a>
<td align="right">191 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="forward.gif">forward.gif</a>
<td align="right">125 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="generic.gif">generic.gif</a>
<td align="right">116 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="generic2.gif">generic2.gif</a>
<td align="right">127 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="generic3.gif">generic3.gif</a>
<td align="right">113 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="image.gif">image.gif</a>
<td align="right">126 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td>
<tr><td valign="top"></td><td><a href="image2.gif">image2.gif</a>
<td align="right">126 </td><td colspan="3"></td><td align="right">2004-11-20 21:16 </td><td align="
...
...
...

```

B Intestazione HSTS (HTTP Strict-Transport-Security) mancante o non sicura 1

Sommario

Problema 1 di 1

Sommario

Intestazione HSTS (HTTP Strict-Transport-Security) mancante o non sicura

Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:U/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	tst-secure.sistemapiemonte.it (Page)
Rischio:	È possibile raccogliere informazioni sensibili sull'applicazione Web come nomi utente, password, nome macchina e/o posizioni dei file sensibili È possibile persuadere un utente ingenuo a fornire informazioni sensibili, ad esempio nome utente, password, numero di carta di credito, numero della previdenza sociale, ecc.
Causa:	Programmazione o configurazione non sicura dell'applicazione Web
Fix:	Implementare la politica HSTS (HTTP Strict-Transport-Security) con un valore esteso di "max-age"

Differenza:

Motivazione: AppScan ha rilevato che l'intestazione della risposta HSTS (HTTP Strict-Transport-Security) non è presente o ha un valore "max-age" insufficiente

Richieste e risposte del test:

```

GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1

```

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173199_6bbc_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsisgas; _shibstate_1743173199_6bbc=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsisgas; _opensaml_req_cookie%3A1743173199_6bbc_fgvars= 8732165262fe42a645347515739e4121; _opensaml_req_cookie%3A1743173199_6bbc= 8732165262fe42a645347515739e4121; _shibstate_1743173208_e36e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsisgas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsisgas; _opensaml_req_cookie%3A1743173208_e36e_fgvars=_5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e=_5e14ffc9e42de5304115421a5587dc3d
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:39 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFF2U%2BBuAcSWLobK41ECdoi5UEXG1W9IANDYgkwtZ1Hv30NSVZs1UZVL%2BvTiP175jcPMwWk4fvkHuS%2BjuDHAYTUz1VZC9Q5ZvqB14gRQQWgSQUcYQxd7VeiJFCDWeSZazUNvC14JKy2mO1OFTA
MFAjzeAlWs70vZSNQKypHwkyA4cDBVPQkUaChWJRhUnkIOSunPdQJ8nWUlogF58uLiMiN812Cz9k28p2nkSpB7QwhmtiSWG5wzGsLhU5r0kK8T3k6nYw2ktHPtiMgCYedUoOp6ihoCddwEeSUQyZnJDe6FixmejKaZJbIpI4zmj
w9PhelkgPEEn4pA0zZ5yKQdbyYQ4QFALSwo5062R5QxH9tB6jsePyHQPFmua%2BGLXZ9pndN6d7%2B36UUK0Jc4DoeXErFARVeeBujzh4fB5UzbUaGogPeGdz8%2BuU1Mh2M%2F2gaen4TRZhs%2FCjBvcca%2BQYocOyv3DDwV5t1
7BtBnCyr22o72FwQKogBW7AU3NstvhAlaK4pgEhKSZj81tyzZyeNLMz0sW6%2Bqa%2Fi6zZC3u2mlw7uLDWVQ3hVLRdgDRUZK8PA%2B3Si4Fr1SFR1D8T19aWQE58G6pEM1Q1kZTF76pR/h%2FvRb7p3TzQe98EODH891e4d
sL3LFj%2B%2FiwspFWPbyPQbL%2FBUnTLQq%2BfOj85u3%2FUue%2FAA%3D%3D&RelayState=cookie%3A1743173739_af81
Content-Length: 1055
Keep-Alive: timeout=5, max=72
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173199_6bbc_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173199_6bbc=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173739_af81_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsisgas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173739_af81=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsisgas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173739_af81_fgvars= 09c225b5509748fafa16a5abbc7def33; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173739_af81= 09c225b5509748fafa16a5abbc7def33; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMFF2U%2BBuAcSWLobK41ECdoi5UEXG1W9IANDYgkwtZ1Hv30NSVZs1UZVL%2BvTiP175jcPMwWk4fvkHuS%2BjuDHAYTUz1VZC9Q5ZvqB14gRQQWgSQUcYQxd7VeiJFCDWeSZazUNvC14JKy2mO1OFTA
MFAjzeAlWs70vZSNQKypHwkyA4cDBVPQkUaChWJRhUnkIOSunPdQJ8nWUlogF58uLiMiN812Cz9k28p2nkSpB7QwhmtiSWG5wzGsLhU5r0kK8T3k6nYw2ktHPtiMgCYedUoOp6ihoCddwEeSUQyZnJDe6FixmejKaZJbIpI4zmj
w9PhelkgPEEn4pA0zZ5yKQdbyYQ4QFALSwo5062R5QxH9tB6jsePyHQPFmua%2BGLXZ9pndN6d7%2B36UUK0Jc4DoeXErFARVeeBujzh4fB5UzbUaGogPeGdz8%2BuU1Mh2M%2F2gaen4TRZhs%2FCjBvcca%2BQYocOyv3DDwV5t1
7BtBnCyr22o72FwQKogBW7AU3NstvhAlaK4pgEhKSZj81tyzZyeNLMz0sW6%2Bqa%2Fi6zZC3u2mlw7uLDWVQ3hVLRdgDRUZK8PA%2B3Si4Fr1SFR1D8T19aWQE58G6pEM1Q1kZTF76pR/h%2FvRb7p3TzQe98EODH891e4d
sL3LFj%2B%2FiwspFWPbyPQbL%2FBUnTLQq%2BfOj85u3%2FUue%2FAA%3D%3D&RelayState=cookie%3A1743173739_af81">here.</p>
</body></html>

Rilevamento di directory nascoste

Severità:	Bassa
Punteggio CVSS: 3,7	
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MJI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	cgi-bin/ (Page)
Rischio:	È possibile richiamare le informazioni relative alla struttura del file system del sito, che possono essere utili all'aggressore per mappare il sito Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Immettere un codice di stato di risposta "404 - Not Found" per una risorsa proibita o rimuoverlo completamente

Differenza: Percorso manipolato da: /sigas A: /cgi-bin/

Motivazione: Il test ha tentato di rilevare directory/file nascosti sul server. Lo stato della risposta era 200 OK o 403 Proibito. Lo stato 200 indica che il test è riuscito a recuperare il contenuto della directory/file richiesto. Lo stato 403 ne rivela l'esistenza, anche se l'accesso non è consentito.

Richieste e risposte del test:

```
GET /cgi-bin/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 403 Forbidden
Date: Fri, 28 Mar 2025 15:00:32 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fcgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Vary: accept-language,accept-charset,User-Agent
Strict-Transport-Security: max-age=0
Accept-Ranges: bytes
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=utf-8
Content-Language: en
```

Rilevamento di directory nascoste	
Severità:	Bassa
Punteggio CVSS:	3,7
Vettore CVSS:	AV:N/AC:H/PR:NU/I:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MJI:X/MS:X/MC:X/M:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	small/ (Page)
Rischio:	È possibile richiamare le informazioni relative alla struttura del file system del sito, che possono essere utili all'aggressore per mappare il sito Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Immettere un codice di stato di risposta "404 - Not Found" per una risorsa proibita o rimuoverlo completamente

Differenza: Percorso manipolato da: /sigas A /icons/small/

Motivazione: Il test ha tentato di rilevare directory/file nascosti sul server. Lo stato della risposta era 200 OK o 403 Proibito. Lo stato 200 indica che il test è riuscito a recuperare il contenuto della directory/file richiesto. Lo stato 403 ne rivela l'esistenza, anche se l'accesso non è consentito.

Richieste e risposte del test:

```
GET /icons/small/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 200 OK
Date: Fri, 28 Mar 2025 15:00:31 GMT
```

Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1it mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Vary: Accept-Encoding,User-Agent
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Transfer-Encoding: chunked
Content-Type: text/html; charset=ISO-8859-1

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
<head>
<title>Index of /icons/small</title>
</head>
<body>
<h1>Index of /icons/small</h1>
<table>
<tr><th valign="top"></th><th><a href="?C=N;O=D">Name</a></th><th><a href="?C=M;O=A">Last modified</a></th><th><a href="?C=S;O=A">Size</a></th><th><a href="?C=D;O=A">Description</a></th></tr>
<tr><th colspan="5"><hr></th></tr>
<tr><td valign="top"></td><td><a href="/icons/">Parent Directory</a>
<td><td align="right">
-
</td>
<td align="right">
2004-11-20 21:16
</td>
</tr>
<tr><td valign="top"></td><td><a href="back.gif">back.gif</a>
<td align="right">129
<td align="right">2007-08-28 12:53
</td>
</tr>
<tr><td valign="top"></td><td><a href="back.png">back.png</a>
<td align="right">181
<td align="right">2004-11-20 21:16
</td>
</tr>
<tr><td valign="top"></td><td><a href="binary.gif">binary.gif</a>
<td align="right">134
<td align="right">2007-08-28 12:53
</td>
</tr>
<tr><td valign="top"></td><td><a href="binary.png">binary.png</a>
<td align="right">172
<td align="right">2004-11-20 21:16
</td>
</tr>
<tr><td valign="top"></td><td><a href="binhex.gif">binhex.gif</a>
<td align="right">131
<td align="right">2007-08-28 12:53
</td>
</tr>
<tr><td valign="top"></td><td><a href="binhex.png">binhex.png</a>
<td align="right">178
<td align="right">2004-11-20 21:16
</td>
</tr>
<tr><td valign="top"></td><td><a href="blank.gif">blank.gif</a>
<td align="right">55
<td align="right">2007-08-28 12:53
</td>
</tr>
<tr><td valign="top"></td><td><a href="blank.png">blank.png</a>
<td align="right">100
<td align="right">2004-11-20 21:16
</td>
</tr>
<tr><td valign="top"></td><td><a href="broken.gif">broken.gif</a>
<td align="right">139
<td align="right">2007-08-28 12:53
</td>
</tr>
<tr><td valign="top"></td><td><a href="broken.png">broken.png</a>
<td align="right">184
<td align="right">2004-11-20 21:16
</td>
</tr>
<tr><td valign="top"></td><td><a href="burst.gif">burst.gif</a>
<td align="right">128
<td align="right">2007-08-28 12:53
</td>
</tr>
<tr><td valign="top"></td><td><a href="burst.png">burst.png</a>
<td align="right">210
<td align="right">2004-11-20 21:16
</td>
</tr>
<tr><td valign="top"></td><td><a href="compl.gif">compl.gif</a>
<td align="right">130
<td align="right">2007-08-28 12:53
</td>
</tr>
<tr><td valign="top"></td><td><a href="compl.png">compl.png</a>
<td align="right">216
<td align="right">2004-11-20 21:16
</td>
</tr>
<tr><td valign="top"></td><td><a href="comp2.gif">comp2.gif</a>
<td align="right">131
<td align="right">
</td>
</tr>
<tr><td valign="top"></td><td><a href="comp2.png">comp2.png</a>
<td align="right">216
<td align="right">
</td>
</tr>
</table>
...
...
...

```

Rilevamento di directory nascoste	
Severità:	Bassa
Punteggio CVSS: 3,7	
Vettore CVSS:	AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/IAR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/M:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	icons/ (Page)
Rischio:	È possibile richiamare le informazioni relative alla struttura del file system del sito, che possono essere utili all'aggressore per mappare il sito Web
Causa:	Il server Web o il server di applicazioni sono configurati in un modo non sicuro
Fix:	Immettere un codice di stato di risposta "404 - Not Found" per una risorsa proibita o rimuoverlo completamente

Differenza: Percorso manipolato da: /sigas A: /icons/

Motivazione: Il test ha tentato di rilevare directory/file nascosti sul server. Lo stato della risposta era 200 OK o 403 Proibito. Lo stato 200 indica che il test è riuscito a recuperare il contenuto della directory/file richiesto. Lo stato 403 ne rivela l'esistenza, anche se l'accesso non è consentito.

Richieste e risposte del test:


```

GET /icons/ HTTP/1.1
Host: tst-secure.sistenapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 200 OK
Date: Fri, 28 Mar 2025 15:00:31 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Vary: Accept-Encoding,User-Agent
Access-Control-Allow-Origin: https://tst-screen-sistenapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Transfer-Encoding: chunked
Content-Type: text/html; charset=ISO-8859-1

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
<head>
<title>Index of /icons</title>
</head>
<body>
<h1>Index of /icons</h1>
<table>
<tr><th valign="top"></th><th><a href="?C=N;O=D">Name</a></th><th><a href="?C=M;O=A">Last modified</a></th><th><a href="?C=S;O=A">Size</a></th><th><a href="?C=D;O=A">Description</a></th></tr>
<tr><th colspan="5"><hr></th></tr>
<tr><td valign="top"></td><td><a href="/">Parent Directory</a> </td><td align="right"> - </td><td align="right">
</td></tr>
<tr><td valign="top"></td><td><a href="a.gif">a.gif</a> </td><td align="right">2004-11-20 21:16 </td><td align="right">246
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="a.png">a.png</a> </td><td align="right">2007-09-11 07:11 </td><td align="right">306
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="alert.black.gif">alert.black.gif</a> </td><td align="right">2004-11-20 21:16 </td><td align="right">242
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="alert.black.png">alert.black.png</a> </td><td align="right">2007-09-11 07:11 </td><td align="right">293
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="alert.red.gif">alert.red.gif</a> </td><td align="right">2004-11-20 21:16 </td><td align="right">247
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="alert.red.png">alert.red.png</a> </td><td align="right">2007-09-11 07:11 </td><td align="right">314
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="apache_pb.gif">apache_pb.gif</a> </td><td align="right">2013-05-04 14:52 </td><td align="right">4.4K
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="apache_pb.png">apache_pb.png</a> </td><td align="right">2012-10-03 14:35 </td><td align="right">9.5K
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="apache_pb.svg">apache_pb.svg</a> </td><td align="right">2012-10-05 16:55 </td><td align="right">260K
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="apache_pb2.gif">apache_pb2.gif</a> </td><td align="right">2013-05-04 14:52 </td><td align="right">4.1K
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="apache_pb2.png">apache_pb2.png</a> </td><td align="right">2012-10-03 14:35 </td><td align="right">10K
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="back.gif">back.gif</a> </td><td align="right">2004-11-20 21:16 </td><td align="right">216
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="back.png">back.png</a> </td><td align="right">2007-09-11 07:11 </td><td align="right">308
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="ball.gray.gif">ball.gray.gif</a> </td><td align="right">2004-11-20 21:16 </td><td align="right">233
</td><td align="right"></td></tr>
<tr><td valign="top"></td><td><a href="ball.gray.png">ball.gray.png</a> </td><td align="right">2007-09-11 07:11 </td><td align="right">298
</td><td align="right"></td></tr>
<tr><td valign="top">https://tst-secure.sistemapiemonte.it/</a>                                                              |
| Entità:         | assets/ (Page)                                                                                                                                           |
| Rischio:        | È possibile richiamare le informazioni relative alla struttura del file system del sito, che possono essere utili all'aggressore per mappare il sito Web |
| Causa:          | Il server Web o il server di applicazioni sono configurati in un modo non sicuro                                                                         |
| Fix:            | Immettere un codice di stato di risposta "404 - Not Found" per una risorsa proibita o rimuoverlo completamente                                           |

Differenza: Percorso manipolato da: /sigas A: /assets/

Motivazione: Il test ha tentato di rilevare directory/file nascosti sul server. Lo stato della risposta era 200 OK o 403 Proibito. Lo stato 200 indica che il test è riuscito a recuperare il contenuto della directory/file richiesto. Lo stato 403 ne rivela l'esistenza, anche se l'accesso non è consentito.

Richieste e risposte del test:

```
GET /assets/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 403 Forbidden
Date: Fri, 28 Mar 2025 15:00:32 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Vary: accept-language,accept-charset,User-Agent
Strict-Transport-Security: max-age=0
Accept-Ranges: bytes
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=utf-8
Content-Language: en
```

## Problema 5 di 8

Sommario

## Rilevamento di directory nascoste

|                 |                                                                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Severità:       | Bassa                                                                                                                                                    |
| Punteggio CVSS: | 3,7                                                                                                                                                      |
| Vettore CVSS:   | AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X                                             |
| URL:            | <a href="https://tst-secure.sistemapiemonte.it/">https://tst-secure.sistemapiemonte.it/</a>                                                              |
| Entità:         | js/ (Page)                                                                                                                                               |
| Rischio:        | È possibile richiamare le informazioni relative alla struttura del file system del sito, che possono essere utili all'aggressore per mappare il sito Web |
| Causa:          | Il server Web o il server di applicazioni sono configurati in un modo non sicuro                                                                         |
| Fix:            | Immettere un codice di stato di risposta "404 - Not Found" per una risorsa proibita o rimuoverlo completamente                                           |

Differenza: Percorso manipolato da: /sigas A: /js/

Motivazione: Il test ha tentato di rilevare directory/file nascosti sul server. Lo stato della risposta era 200 OK o 403 Proibito. Lo stato 200 indica che il test è riuscito a recuperare il contenuto della directory/file richiesto. Lo stato 403 ne rivela l'esistenza, anche se l'accesso non è consentito.

Richieste e risposte del test:

```
GET /js/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 403 Forbidden
Date: Fri, 28 Mar 2025 15:00:32 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Vary: accept-language,accept-charset,User-Agent
Strict-Transport-Security: max-age=0
Accept-Ranges: bytes
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=utf-8
Content-Language: en
```

| Rilevamento di directory nascoste |                                                                                                                                                          |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Severità:                         | Bassa                                                                                                                                                    |
| Punteggio CVSS:                   | 3,7                                                                                                                                                      |
| Vettore CVSS:                     | AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MA:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X                                              |
| URL:                              | https://tst-secure.sistemapiemonte.it/                                                                                                                   |
| Entità:                           | include/ (Page)                                                                                                                                          |
| Rischio:                          | È possibile richiamare le informazioni relative alla struttura del file system del sito, che possono essere utili all'aggressore per mappare il sito Web |
| Causa:                            | Il server Web o il server di applicazioni sono configurati in un modo non sicuro                                                                         |
| Fix:                              | Immettere un codice di stato di risposta "404 - Not Found" per una risorsa proibita o rimuoverlo completamente                                           |

Differenza: Percorso manipolato da: /sigas A /include/

Motivazione: Il test ha tentato di rilevare directory/file nascosti sul server. Lo stato della risposta era 200 OK o 403 Proibito. Lo stato 200 indica che il test è riuscito a recuperare il contenuto della directory/file richiesto. Lo stato 403 ne rivela l'esistenza, anche se l'accesso non è consentito.

Richieste e risposte del test:

```
GET /include/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 403 Forbidden
Date: Fri, 28 Mar 2025 15:00:32 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Vary: accept-language,accept-charset,User-Agent
Strict-Transport-Security: max-age=0
```

```
Accept-Ranges: bytes
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=utf-8
Content-Language: en
```

## Problema 7 di 8

[Sommaro](#)

### Rilevamento di directory nascoste

|                 |                                                                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Severità:       | Bassa                                                                                                                                                    |
| Punteggio CVSS: | 3,7                                                                                                                                                      |
| Vettore CVSS:   | AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/M:X/MA:X                                              |
| URL:            | <a href="https://tst-secure.sistemapiemonte.it/">https://tst-secure.sistemapiemonte.it/</a>                                                              |
| Entità:         | repository/ (Page)                                                                                                                                       |
| Rischio:        | È possibile richiamare le informazioni relative alla struttura del file system del sito, che possono essere utili all'aggressore per mappare il sito Web |
| Causa:          | Il server Web o il server di applicazioni sono configurati in un modo non sicuro                                                                         |
| Fix:            | Immettere un codice di stato di risposta "404 - Not Found" per una risorsa proibita o rimuoverlo completamente                                           |

Differenza: Percorso manipolato da: `/sigas` A: `/repository/`

**Motivazione:** Il test ha tentato di rilevare directory/file nascosti sul server. Lo stato della risposta era 200 OK o 403 Proibito. Lo stato 200 indica che il test è riuscito a recuperare il contenuto della directory/file richiesto. Lo stato 403 ne rivela l'esistenza, anche se l'accesso non è consentito.

**Richieste e risposte del test:**

```
GET /repository/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 403 Forbidden
Date: Fri, 28 Mar 2025 15:00:32 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1l mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Vary: accept-language,accept-charset,User-Agent
Strict-Transport-Security: max-age=0
Accept-Ranges: bytes
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=utf-8
Content-Language: en
```

## Problema 8 di 8

[Sommaro](#)

## Rilevamento di directory nascoste

|                 |                                                                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Severità:       | Bassa                                                                                                                                                    |
| Punteggio CVSS: | 3,7                                                                                                                                                      |
| Vettore CVSS:   | AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X                                             |
| URL:            | <a href="https://tst-secure.sistemapiemonte.it/">https://tst-secure.sistemapiemonte.it/</a>                                                              |
| Entità:         | css/ (Page)                                                                                                                                              |
| Rischio:        | È possibile richiamare le informazioni relative alla struttura del file system del sito, che possono essere utili all'aggressore per mappare il sito Web |
| Causa:          | Il server Web o il server di applicazioni sono configurati in un modo non sicuro                                                                         |
| Fix:            | Immettere un codice di stato di risposta "404 - Not Found" per una risorsa proibita o rimuoverlo completamente                                           |

**Differenza:** Percorso manipolato da: `/sigas` A `/css/`

**Motivazione:** Il test ha tentato di rilevare directory/file nascosti sul server. Lo stato della risposta era 200 OK o 403 Proibito. Lo stato 200 indica che il test è riuscito a recuperare il contenuto della directory/file richiesto. Lo stato 403 ne rivela l'esistenza, anche se l'accesso non è consentito.

### Richieste e risposte del test:

```
GET /css/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 403 Forbidden
Date: Fri, 28 Mar 2025 15:00:32 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Vary: accept-language,accept-charset,User-Agent
Strict-Transport-Security: max-age=0
Accept-Ranges: bytes
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=utf-8
Content-Language: en
```

B Trovate intestazioni di risposta Http non necessarie nell'applicazione 1

Sommario

Problema 1 di 1

Sommario

# Trovate intestazioni di risposta Http non necessarie nell'applicazione

|                 |                                                                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Severità:       | Bassa                                                                                                                                           |
| Punteggio CVSS: | 3,7                                                                                                                                             |
| Vettore CVSS:   | AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X                                    |
| URL:            | https://tst-secure.sistemapiemonte.it/sigas                                                                                                     |
| Entità:         | tst-secure.sistemapiemonte.it (Page)                                                                                                            |
| Rischio:        | È possibile raccogliere informazioni sensibili sull'applicazione Web come nomi utente, password, nome macchina e/o posizioni dei file sensibili |
| Causa:          | Programmazione o configurazione non sicura dell'applicazione Web                                                                                |
| Fix:            | Non consentire la perdita di informazioni sensibili.                                                                                            |

## Differenza:

Motivazione: La risposta contiene intestazioni non necessarie, che potrebbero essere utili agli aggressori per pianificare ulteriori attacchi.

## Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:54:56 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xV1bjpswEH30fgXiPUAg5GI1kShBW6RcKgaJqi%2BIwCSxBjJazmX%2FvoYkK7Zqo6ovsXgYmcczZ87MeMKTiQ%2BQcxSHMoSFR%2BBOjRR5yVHjmKpHViKacMJRmRTAkUgRdpYLZGoGqhgVNW5qjicAxOEli4t%2BbEzHcGdSapv4WfGhSoQnJlWuWQ3pkoM14AogkL1DQuoBGM55FefkZ4MS11hmzCuSxa80DuLQe%2FQXK0%2FHE7Ld0hzBQsOc6jUTUw%2FWOFKVuaRoyqQm8Tn1%2BYzW6kha09s%2BkUkY7CUadFnHjuRwCxdCRhikQsd4rSr%2BfKrGnNgZY3Y3H9mhkG8PBcLDN%2BpY56Pd7I3s7zWwJ4%2FwIfs1FUogpahgn3TWsrjrnKenlky2%2FwQ1WQnlxfSjrnRcv9Y2%2B0VxN6XAg61xI3wHrIngSos5eXzvW6LahhgFnNe9x%2FOTeM6W6vXDJu14chQUNP%2FQGHvuW%2Bhp2MeRt3QC31uuv5Gn%2BVG88DdWLP8HtWxG0PDnnxo00VtcfmNyozV4c8DmpFUXGhynJ5dBonAgdpT9Q%2FUDXyRsia2XTxc12E4tKiShjhtQpwSVLR0qGjXJVoX3BzWwGJu%2F2FRpYbtIAPWDB/KUjPW0eSF77Yx6n27FfundINO6zyJ4PP53bfbwP39FQvH5b2wnxE7zmUrH%2BhpChX1F8mdHb3tp%2FU2S8%3D&RelayState=cookie%3A1743173696_68ea
Content-Length: 1063
Keep-Alive: timeout=5, max=96
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173696_68ea_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173696_68ea=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173696_68ea_fgvars= e25d0399588507676bd432644185b7d0; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173696_68ea= e25d0399588507676bd432644185b7d0; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xV1bjpswEH30fgXiPUAg5GI1kShBW6RcKgaJqi%2BIwCSxBjJazmX%2FvoYkK7Zqo6ovsXgYmcczZ87MeMKTiQ%2BQcxSHMoSFR%2BBOjRR5yVHjmKpHViKacMJRmRTAkUgRdpYLZGoGqhgVNW5qjicAxOEli4t%2BbEzHcGdSapv4WfGhSoQnJlWuWQ3pkoM14AogkL1DQuoBGM55FefkZ4MS11hmzCuSxa80DuLQe%2FQXK0%2FHE7Ld0hzBQsOc6jUTUw%2FWOFKVuaRoyqQm8Tn1%2BYzW6kha09s%2BkUkY7CUadFnHjuRwCxdCRhikQsd4rSr%2BfKrGnNgZY3Y3H9mhkG8PBcLDN%2BpY56Pd7I3s7zWwJ4%2FwIfs1FUogpahgn3TWsrjrnKenlky2%2FwQ1WQnlxfSjrnRcv9Y2%2B0VxN6XAg61xI3wHrIngSos5eXzvW6LahhgFnNe9x%2FOTeM6W6vXDJu14chQUNP%2FQGHvuW%2Bhp2MeRt3QC31uuv5Gn%2BVG88DdWLP8HtWxG0PDnnxo00VtcfmNyozV4c8DmpFUXGhynJ5dBonAgdpT9Q%2FUDXyRsia2XTxc12E4tKiShjhtQpwSVLR0qGjXJVoX3BzWwGJu%2F2FRpYbtIAPWDB/KUjPW0eSF77Yx6n27FfundINO6zyJ4PP53bfbwP39FQvH5b2wnxE7zmUrH%2BhpChX1F8mdHb3tp%2FU2S8%3D&RelayState=cookie%3A1743173696_68ea">here.</p>
</body></html>
```

Difesa scripting tra frame mancante o non sicura - Estesa e informativa	
Severità:	Informazioni
Punteggio CVSS:	0,0
Vettore CVSS:	AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X
URL:	https://tst-secure.sistemapiemonte.it/
Entità:	tst-secure.sistemapiemonte.it (Page)
Rischio:	È possibile raccogliere informazioni sensibili sull'applicazione Web come nomi utente, password, nome macchina e/o posizioni dei file sensibili È possibile persuadere un utente ingenuo a fornire informazioni sensibili, ad esempio nome utente, password, numero di carta di credito, numero della previdenza sociale, ecc.
Causa:	Programmazione o configurazione non sicura dell'applicazione Web
Fix:	Configurare il server per l'utilizzo dell'intestazione "X-Frame-Options" con il valore DENY o SAMEORIGIN

Differenza:

**Motivazione:** AppScan ha rilevato che l'intestazione della risposta X-Frame-Options non è presente o ha un valore non sicuro, e potrebbe consentire attacchi Cross-Frame Scripting

Richieste e risposte del test:

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Cookie: _shibstate_1743173208_e36e_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173208_e36e=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173208_e36e_fgvars=_5e14ffc9e42de5304115421a5587dc3d; _opensaml_req_cookie%3A1743173208_e36e=_5e14ffc9e42de5304115421a5587dc3d; _shibstate_1743173213_2803_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _shibstate_1743173213_2803=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; _opensaml_req_cookie%3A1743173213_2803_fgvars=_454879ab241761d6a979879bale5508; _opensaml_req_cookie%3A1743173213_2803=_454879ab241761d6a979879bale5508
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:55:39 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBuIfnpptYSSRK0BYpD4rZqOoF0TBJAGmtvPot68hyYqt2qjgJT6NmL9nfVwY0HKokbeQe6rGH4cQEjtxBaVQK1joh94hRgRvKCK1CCQzBD2FnPkGBaQ0ZMsY4WueUIA15RVpQvEcQSOgR9p
Bm%2FxfKlpawfMk0pZF9AdbBgHgSS1JTKfklwaDSFKJOC3p0U%2BvrlScvNc3Tvw9HaRy8hgtlYOI93WkYAXJvCMHMsQxoxV0dG2m0GLFGoiPKU%2Bnk9FEEMcrZdkQl4bETajBVHvtawDVcdDnlEkT45WuhbOJntrEtoab0ZZs
wK15hk%2F22zpjmW80M1G5CV84tEOEFZCkKpOchdyBn3L7TvDxdH5GgwFYR9911Ibc26zOtcLrt7vd2cxEJ9CVJov6Lx5W0ZanBPr06a130eNnVKg14J3h3Y9HbhPTpziI16EfpFG8WoezIE5x4L%2FFgyFDnAQLLwgDxWgZBEaYpP
Nw7abce9RYTogjcFZhQG0zw%2FibYYZWliKcRayg2U%2FN8wp28jkQCRPd1s139Vv83UbI2930m8GapeazsiaciqlCcCaZ7PSnp1060b3gF6rQGlb%2F05dGtoUoeLtUiGQoa6RqC98Glmj59Vrsn9JNe53zIMDH891e4fsL3LFJ8%
2Fiwsuf0PhzIHIn%2FggRpf9VnR683Z%2FqNf6RelayState=cookie%3A1743173739_4998
Content-Length: 1033
Keep-Alive: timeout=5, max=97
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e_fgvars=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173208_e36e=; expires=Mon, 01 Jan 2001 00:00:00 GMT; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _shibstate_1743173739_4998_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173739_4998=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173739_4998_fgvars=_1a108b9fafe274e61b8d1c00e83c9a'd; path=/; secure; HttpOnly
```



Set-Cookie: \_opensaml\_req\_cookie%3A1743173739\_4998=\_1a108b9fafa274e61b8d1c00e83c9a7d; path=/; secure; HttpOnly; SameSite=None

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved here.</p>
</body></html>
```

## Individuazione pattern indirizzo e-mail 1

Sommario

### Problema 1 di 1

Sommario

#### Individuazione pattern indirizzo e-mail

Severità:

Informazioni

Punteggio CVSS: 0,0

Vettore CVSS: AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A/N/E:X/RL:X/RC:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X

URL: <https://tst-secure.sistemapiemonte.it/icons/>

Entità: (Page)

Rischio: È possibile raccogliere informazioni sensibili sull'applicazione Web come nomi utente, password, nome macchina e/o posizioni dei file sensibili

Causa: Programmazione o configurazione non sicura dell'applicazione Web

Fix: Rimuovere gli indirizzi e-mail dal sito Web

#### Differenza:

Motivazione: La risposta contiene un indirizzo e-mail che potrebbe essere privato.

#### Richieste e risposte del test:

```
GET /icons/ HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0
```

```
HTTP/1.1 200 OK
Date: Fri, 28 Mar 2025 15:00:31 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fgid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Vary: Accept-Encoding,User-Agent
Access-Control-Allow-Origin: https://tst-screen-sistemapiemonte.isan.csi.it
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Transfer-Encoding: chunked
Content-Type: text/html; charset=ISO-8859-1
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
<head>
<title>Index of /icons</title>
</head>
<body>
```

```

<h1>Index of /icons</h1>
<table>
 <tr><th valign="top"></th><th>Name</th><th>Last modified</th><th><a href=?
C=S;O=A">Size</th><th>Description</th></tr>
 <tr><th colspan="5"><hr></th></tr>
 <tr><td valign="top"></td><td>Parent Directory </td><td><td align="right"> - </td><td><td align="right">
</td></tr>
 <tr><td valign="top"></td><td>a.gif </td><td align="right">2004-11-20 21:16 </td><td align="right">246
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>a.png </td><td align="right">2007-09-11 07:11 </td><td align="right">306
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>alert.black.gif </td><td align="right">2004-11-20 21:16 </td><td align="right">242
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>alert.black.png </td><td align="right">2007-09-11 07:11 </td><td align="right">293
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>alert.red.gif </td><td align="right">2004-11-20 21:16 </td><td align="right">247
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>alert.red.png </td><td align="right">2007-09-11 07:11 </td><td align="right">314
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>apache_pb.gif </td><td align="right">2013-05-04 14:52 </td><td align="right">4.4K
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>apache_pb.png </td><td align="right">2012-10-03 14:35 </td><td align="right">9.5K
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>apache_pb.svg </td><td align="right">2012-10-05 16:55 </td><td align="right">260K
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>apache_pb2.gif </td><td align="right">2013-05-04 14:52 </td><td align="right">4.1K
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>apache_pb2.png </td><td align="right">2012-10-03 14:35 </td><td align="right">10K
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>back.gif </td><td align="right">2004-11-20 21:16 </td><td align="right">216
</td><td><td align="right"></td></tr>
 <tr><td valign="top"></td><td>back.png </td><td align="right">200
</td><td><td align="right"></td></tr>
 ...
 ...
 ...

<p>These icons were originally made for Mosaic for X and have been
included in the NCSA httpd and Apache server distributions in the
past. They are in the public domain and may be freely included in any
application. The originals were done by Kevin Hughes (kevinh@kevinc.com).
Andy Polyakov tuned the icon colors and added few new images.</p>
...
...
...

<p>Almost all of these icons are 20x22 pixels in size. There are
alternative icons in the "small" directory that are 16x16 in size,
provided by Mike Brown (mike@hyperreal.org).</p>
...
...
...

```

## Intestazione sicurezza "politica referente mancante"

Severità: **Informazioni**

Punteggio CVSS: 0,0

Vettore CVSS: AV:N/AC:L/PR:NU/I:N/S:U/C:N/I:N/A:N/E:X/RL:O/R:C/CR:X/IR:X/AR:X/MAV:X/MAC:X/MPR:X/MUI:X/MS:X/MC:X/MI:X/MA:X

URL: <https://tst-secure.sistemapiemonte.it/>

Entità: [tst-secure.sistemapiemonte.it \(Page\)](#)

**Rischio:** È possibile raccogliere informazioni sensibili sull'applicazione Web come nomi utente, password, nome macchina e/o posizioni dei file sensibili. È possibile persuadere un utente ingenuo a fornire informazioni sensibili, ad esempio nome utente, password, numero di carta di credito, numero della previdenza sociale, ecc.

**Causa:** Programmazione o configurazione non sicura dell'applicazione Web

**Fix:** Configurare il server per l'utilizzo dell'intestazione "Referrer Policy" con politiche sicure

Differenza:

**Motivazione:** AppScan ha rilevato che l'intestazione della risposta Referrer Policy non è presente o ha una politica non sicura e questo aumenta l'esposizione a vari attacchi iniezione di tipo cross-site

**Richieste e risposte del test:**

```
GET /sigas HTTP/1.1
Host: tst-secure.sistemapiemonte.it
Connection: keep-alive
sec-ch-ua: "Not;A=Brand";v="24", "Chromium";v="128"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/128.0.0.0 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Language: en-US
Content-Length: 0

HTTP/1.1 302 Found
Date: Fri, 28 Mar 2025 14:52:30 GMT
Server: Apache/2.4.55 (Unix) OpenSSL/1.1.1t mod_fogid/2.3.9 mod_jk/1.2.46 PHP/5.6.40
Strict-Transport-Security: max-age=0
Expires: Wed, 01 Jan 1997 12:00:00 GMT
Cache-Control: private,no-store,no-cache,max-age=0
Location: https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBfA8E2LSJlURKcdoi5UEXG1W9IAcmSXAlHYe%2B%2BlrSLJicqzaeolPI%2Bbmd88zejsIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMUYHUNJUZ04pAVIrFJMpos5dswwergRXPOU5MqZSg1CM1x
4v5aEaQUAcwQy0XyM9kpVEluWkqorIT0IMHU8BQWtGBS8VGAYZU1ZJTK7uon2NzaTyIplyouUeNkwSrpW%2BRPdtseA5qB0rJrZrEscIViZE%0%2BispDXex5Sn08msI5ntbDuglWjYaTVVuo4ty%2BEaLoRMCuiVRogKgcFsjB
Kafuq7kNgDz9mzs%2BlNtr3Z2M5wsB0QMEy3PS2T8gBBGRUt1Rg5Paff7bldZxDbz7jvYlf3AvnhtV1fWJmxcne%2Ft5uLSOKvcRcZLyWuQcimFCLAk6enzuWM61HhkhC0hnc%2FPr1NDE2IH60Dz0%2FCaLUOZn6UEN97jXyTBCT2
F9Mw8BerZeybQZzMG7Mb609hbTkJCYPZhwQNrBbLb4QJXmgYBbynKvVxjTP%2BckTQBNMkY2sd%2FVfVfNlGyJrd9OrBnZXh8aKigsm6C3QmgWrl0WNoOtG%2B4OW60Ai2%2F9OXWraFDESzVJmOK2j6Qvf%2B73h8tu12D%2Blm3
Ra50GAj%2Be7vcL3F7jXj%2FrcEW3PnXt4j0Fy%2FwXJMC6qv2zo5OZt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97
Content-Length: 1061
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Set-Cookie: _shibstate_1743173550_5d97_fgvars=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly
Set-Cookie: _shibstate_1743173550_5d97=https%3A%2F%2Ftst-secure.sistemapiemonte.it%2Fsigas; path=/; secure; HttpOnly; SameSite=None
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97_fgvars=ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly
Set-Cookie: _opensaml_req_cookie%3A1743173550_5d97=_ac653ec187d42b5d11bb1298f92e9cf0; path=/; secure; HttpOnly; SameSite=None

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://tst-www.spid.piemonte.it/gasp_regione/profile/SAML2/Redirect/SSO?
SAMLRequest=xZRLj5swEMfP2U%2BBfA8E2LSJlURKcdoi5UEXG1W9IAcmSXAlHYe%2B%2BlrSLJicqzaeolPI%2Bbmd88zejsIq%2Fw9KD2ZQQ%2FDyCvcS7yUuLGMUYHUNJUZ04pAVIrFJMpos5dswwergRXPOU5MqZSg1CM1x
4v5aEaQUAcwQy0XyM9kpVEluWkqorIT0IMHU8BQWtGBS8VGAYZU1ZJTK7uon2NzaTyIplyouUeNkwSrpW%2BRPdtseA5qB0rJrZrEscIViZE%0%2BispDXex5Sn08msI5ntbDuglWjYaTVVuo4ty%2BEaLoRMCuiVRogKgcFsjB
Kafuq7kNgDz9mzs%2BlNtr3Z2M5wsB0QMEy3PS2T8gBBGRUt1Rg5Paff7bldZxDbz7jvYlf3AvnhtV1fWJmxcne%2Ft5uLSOKvcRcZLyWuQcimFCLAk6enzuWM61HhkhC0hnc%2FPr1NDE2IH60Dz0%2FCaLUOZn6UEN97jXyTBCT2
F9Mw8BerZeybQZzMG7Mb609hbTkJCYPZhwQNrBbLb4QJXmgYBbynKvVxjTP%2BckTQBNMkY2sd%2FVfVfNlGyJrd9OrBnZXh8aKigsm6C3QmgWrl0WNoOtG%2B4OW60Ai2%2F9OXWraFDESzVJmOK2j6Qvf%2B73h8tu12D%2Blm3
Ra50GAj%2Be7vcL3F7jXj%2FrcEW3PnXt4j0Fy%2FwXJMC6qv2zo5OZt%2F1InwA%3D&RelayState=cookie%3A1743173550_5d97">here.</p>
</body></html>
```

# Dati di applicazione

## URL visitati 22

Sommario

URL
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/icons/small/
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/icons/
https://tst-secure.sistemapiemonte.it/icons/small/?C=M;O=A
https://tst-secure.sistemapiemonte.it/icons/?C=D;O=A
https://tst-secure.sistemapiemonte.it/
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas
https://tst-secure.sistemapiemonte.it/sigas

## Parametri 2

Sommario

Nome	Valore	URL	Tipo
C	M;O=A	https://tst-secure.sistemapiemonte.it/icons/small/?C=M;O=A	Link semplice
C	D;O=A	https://tst-secure.sistemapiemonte.it/icons/?C=D;O=A	Link semplice