

**Firefox ESNI (warning )** ..... 3

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# Firefox ESNi (warning )

: <http://jaewook.net/archives/9176>



. v85 **v85** Firefox ECH (warning )

ESNi가 v85  
<https://www.mozilla.org/ko/firefox/all/#product-desktop-esr> ESR

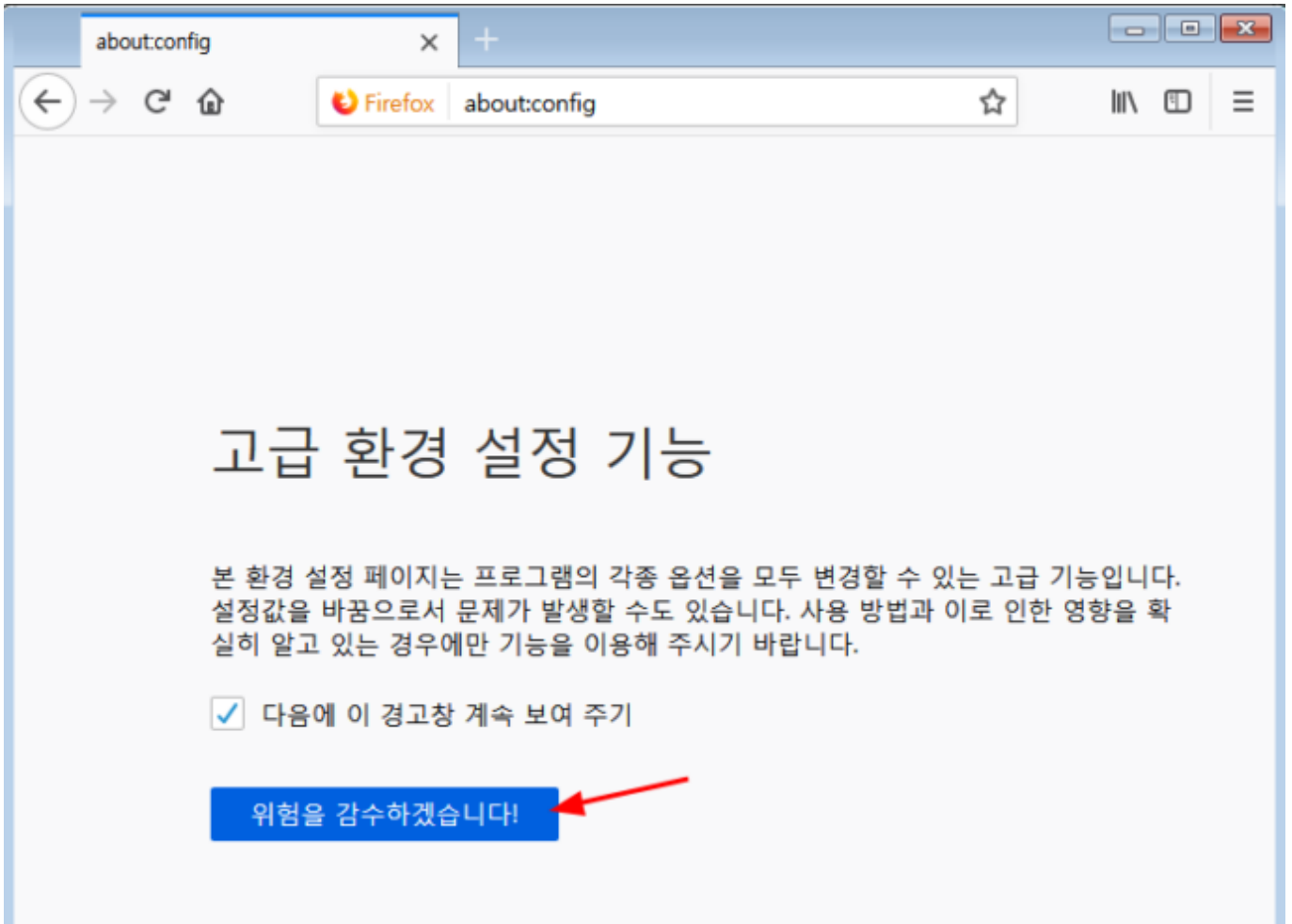
64.0.0 Firefox ESNi Firefox

: <https://www.mozilla.org/ko/firefox/new/>

## ESNi

- about:config

– .[ ]



- DNS (Dns over https )  
network.trr 가 .  
network.trr.uri Firefox .

```
network.trr.bootstrapAddress 1.1.1.1  
network.trr.mode 3  
network.trr.uri https://dns.cloudflare.com/.well-known/dns-query
```

Firefox about:config page showing search results for 'network.trr'. The search bar contains 'network.trr'. The table below lists various settings with their status, type, and value.

설정 이름	상태	유형	값
network.trr.allow-rtc1918	기본	불린값	false
network.trr.blacklist-duration	기본	정수	60
<b>network.trr.bootstrapAddress</b>	수정됨	문자열	<b>1.1.1.1</b>
network.trr.confirmationNS	기본	문자열	example.com
network.trr.credentials	기본	문자열	
network.trr.custom_uri	기본	문자열	
network.trr.disable-ECS	기본	불린값	true
network.trr.early-AAAA	기본	불린값	false
network.trr.max-fails	기본	정수	5
<b>network.trr.mode</b>	수정됨	정수	<b>3</b>
network.trr.request-timeout	기본	정수	1500
<b>network.trr.uri</b>	수정됨	문자열	<b>https://dns.cloudflare.com/well-known/dns-query</b>
network.trr.useGET	기본	불린값	false
network.trr.wait-for-portal	기본	불린값	true

- ESNI

esni

network.security.esni.enabled true

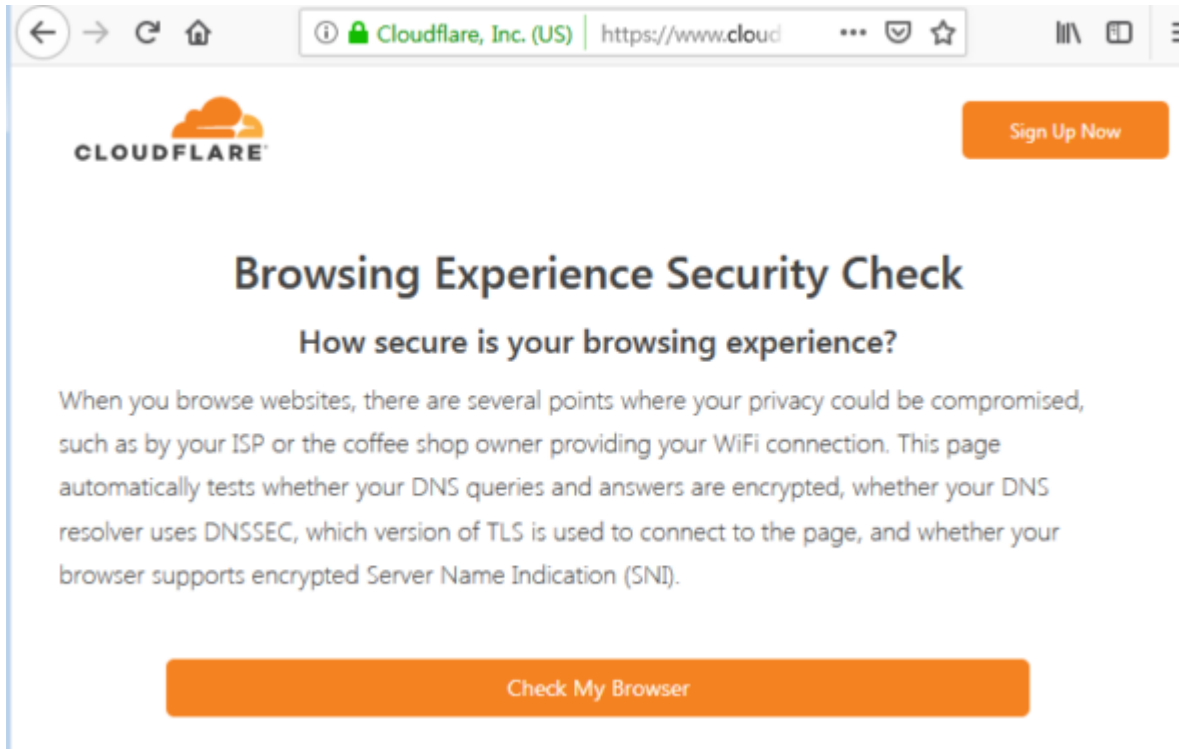
Firefox about:config page showing search results for 'network.security.esni.enabled'. The search bar contains 'network.security.esni.enabled'. The table below shows the search result.

설정 이름	값
<b>network.security.esni.enabled</b>	<b>true</b>

- ESNI

Firefox [Check My Browser]

<https://www.cloudflare.com/ssl/encrypted-sni/>



DNS



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## Browsing Experience Security Check

How secure is your browsing experience?

When you browse websites, there are several points where your privacy could be compromised, such as by your ISP or the coffee shop owner providing your WiFi connection. This page automatically tests whether your DNS queries and answers are encrypted, whether your DNS resolver uses DNSSEC, which version of TLS is used to connect to the page, and whether your browser supports encrypted Server Name Indication (SNI).

[Run the test again](#)

### ✓ Secure DNS

You are using encrypted DNS transport with 1.1.1.1

Nobody listening on the wire can see the DNS queries you make when you are browsing the Internet.

[Learn More...](#)

### ✓ DNSSEC

Your resolver validates DNS responses with DNSSEC.

Attackers cannot trick you into visiting a fake website by manipulating DNS responses for domains that are outside their control.

[Learn More...](#)

### ✓ TLS 1.3

Your browser supports TLS 1.3, which encrypts the server certificate.

Nobody snooping on the wire can see the certificate of the website you made a TLS connection to.

[Learn More...](#)

### ✓ Encrypted SNI

Your browser encrypted the SNI when visiting this page.

Nobody listening on the wire can see the website you made a TLS connection to.

[Learn More...](#)

- Firefox SNI

Firefox

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PC

Firefox

SNI

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