

<b>Firefox ESNI</b>	<b>(warning</b>	<b>) .....</b>	<b>3</b>
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	<b>ESNI</b>	.....	<b>3</b>



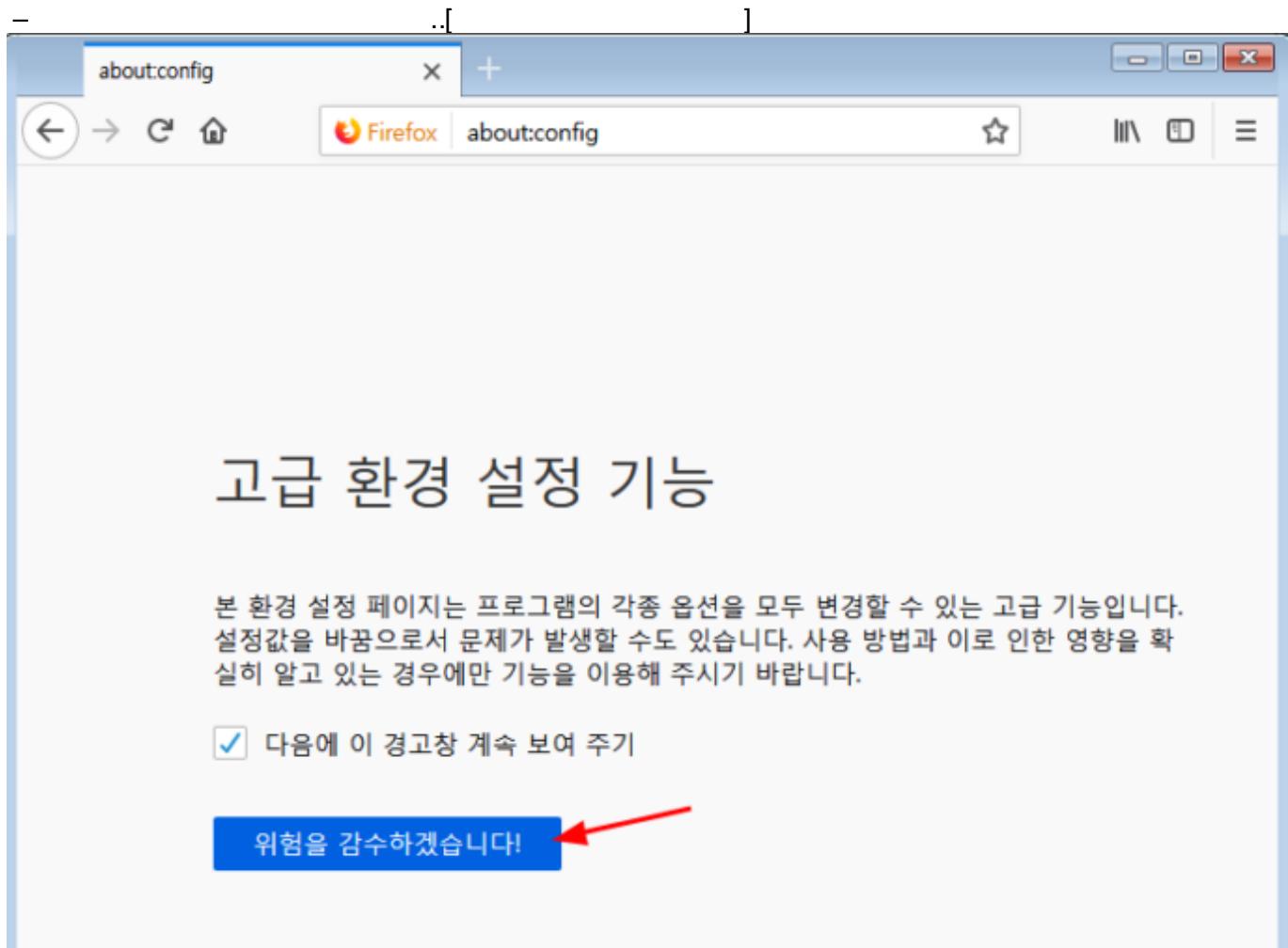
# Firefox ESNI (warning)

Firefox ESNI Firefox  
64.0.0

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

## ESNI

- about:config



- DNS (Dns over https)

network.trr  
network.trr.uri Firefox 가

network.trr.bootstrapAddress 1.1.1.1

network.trr.mode 3

network.trr.uri https://dns.cloudflare.com/.well-known/dns-query

The screenshot shows the Firefox configuration page (about:config) with a search bar containing 'network.trr'. A red box highlights the search bar. The table lists various network.trr preferences:

설정 이름	상태	유형	값
network.trr.allow-rfc1918	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

설정 이름	상태	유형	값
network.trr.allow-rfc1918	기본	불린값	false
network.trr.blacklist-duration	기본	정수	60
<b>network.trr.bootstrapAddress</b>	<b>수정됨</b>	<b>문자열</b>	<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>	<b>수정됨</b>	<b>정수</b>	<b>3</b>
network.trr.request-timeout	기본	정수	1500
<b>network.trr.uri</b>	<b>수정됨</b>	<b>문자열</b>	<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

Firefox

[Check My Browser]

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

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).

[Check My Browser](#)

## DNS

The screenshot shows a browser extension for Cloudflare. The address bar indicates the page is being served via HTTPS. A warning message from Cloudflare states: "firefox\_esni\_ %EC%A0%81%EC%9A%A9%ED%95%98%EA%B8%B0\_warning%EC%B0%A8%EB%8B%A8%EC%9A%B0%ED%9A%8C?rev=1584325028". The Cloudflare logo is visible in the top left, and a "Sign Up Now" button is in the top right.

## 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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SNI

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Last update: 2020/03/16 02:17

