



IPv6 Web Resource Checker

IETF Hackathon

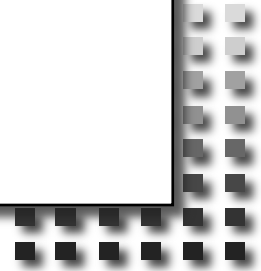
IETF 124

1–2 November 2025

Montreal, Canada



I E T F



Problem

- Will my Web app work from an IPv6-only client?
 - Web apps use resources from many sources
 - Web apps are composed dynamically
- The only chance is to use a real browsers
 - Existing browsers plugins like IPvFoo require stable & verified dual-stack on client side

What got done

- We released a Selenium based IPv6 testing service a few days before IETF and tried to get people intresed
 - GitHub: <https://github.com/sap/webres6>
 - Demo: <https://webres6.dev.sap/>

- Did some improvemnts during Hackathon...

IPv6 Web Resource Checker

https://webres6.dev.sap

IPv6 Web Resource Checker

Enter URL to analyze

https://sap.com

Screenshot:
 WHOIS lookups:
 Wait time: s

Analyze

https://ietf.org 02/11/2025, 18:35:57 GMT-5

IPv6-Only Ready: YES

Hosts

Hostname	Protocols	ASN	IP Addresses
analytics.ietf.org	h3	QUIC	13335 2606:4700::6810:2d63
static.ietf.org	h3	QUIC	13335 2606:4700::6810:2d63
www.ietf.org	h2	TLS 1.3	
	h3	QUIC	13335 2606:4700::6810:2d63
	h3	null	

Screenshot

News & blog Search

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IETF 124 Live

More than 1000 leading Internet technologists are gathering 1-7 November for an IETF Hackathon, 100+ working sessions, and more in Montreal and online.

IPv6 Web Resource Checker

https://webres6.dev.sap

IPv6 Web Resource Checker

Enter URL to analyze

https://sap.com

Screenshot:
 WHOIS lookups:
 Wait time: s

Analyze

https://github.com 02/11/2025, 18:39:08 GMT-5

IPv6-Only Ready: NO

Hosts

Hostname	Protocols	ASN	IP Addresses
images.ctfassets.net	h2	TLS 1.3	16509 2600:9000:2022:5200:12:94b3:c380:93a1
videos.ctfassets.net	h2	TLS 1.3	16509 64:ff9b::54.230.114.61
github.com	h2	TLS 1.3	8075 64:ff9b::4.208.26.197
api.github.com	h2	TLS 1.3	8075 64:ff9b::4.208.26.200
collector.github.com	h2	TLS 1.3	36459 64:ff9b::140.82.113.22
github.ctfassets.com	h2	TLS 1.3	54113 64:ff9b::185.199.109.154

Screenshot

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Wrap Up

Team members:

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