

# Website Speed Testing dan Reporting (Testing Jaringan)

Imam Suharjo

FTI Universitas Mercu Buana Yogyakarta

[fti.mercubuana-yogya.ac.id](http://fti.mercubuana-yogya.ac.id) / [Imam.web.id](http://Imam.web.id)

2021

# Pengantar

- Materi ini memebrikan contoh pengujian/testing sebuah web dari luar jaringan.
- Ada banyak tool online yang bisa digunakan
- Disini akan dicontohkan : Pingdom Website Speed Test dan

# Pingdom Website Speed Test (1)

- Buka : [tools.pingdom.com](https://tools.pingdom.com)
- Tulis nama web yang ingin dites, misal sedayu.net
- Pilih salah satu lokasi test mau dari server mana. Misal kita pilih Asia – Japan - Tokyo
- Start Test
- Tunggu hasilnya

solarwinds pingdom Product Pricing Resources Support Tools

## Pingdom Website Speed Test

Enter a URL to test the page load time, analyze it, and find bottlenecks.

URL: sedayu.net

Test from: Europe - Germany - Frankfurt

- Asia - Japan - Tokyo
- Europe - Germany - Frankfurt
- Europe - United Kingdom - London
- North America - USA - Washingto...
- North America - USA - San Franci...
- Pacific - Australia - Sydney

The internet is fragile. Be the first to know w

START YOU

# Pingdom Website Speed Test (2)



Product ▾ Pricing Resources ▾ Support Tools ▾

Hang on, running test!



We're almost done...

**The internet is fragile. Be the first to know when your site is in danger.**








**START YOUR FREE 14-DAY TRIAL**



# Hasil bisa dilihat, download (json) atau bagikan

- Contoh hasil yang

Content size by content type


CONTENT TYPE	PERCENT	SIZE
 Image	51.57%	1.4 MB
 Script	25.98%	711.2 KB
 Font	12.11%	331.5 KB
 CSS	6.30%	172.6 KB
 HTML	3.29%	90.0 KB
 XHR	0.51%	14.1 KB
 other	0.25%	6.8 KB
Total	100.00%	2.7 MB

Content size by domain

10/06/2021

Your Results:

 DOWNLOAD HAR

 SHARE RESULT



Performance grade

**D 69**

Page size






**4.9 MB**

Load time

**6.56 s**

Requests

**119**

	PERCENT	
 Script	40.52%	47
 Image	16.38%	19
 CSS	14.66%	17
 Font	9.48%	11
 HTML	7.76%	9
Total		

Requests by domain


Imam Suharjo - <https://fti.mercubuana-yogya.ac.id>

# Tes web lain (Web lain sebagai pembandingan)

http://nunuhost.com/ Asia - Japan - Tokyo **START TEST**

**The internet is fragile. Be the first to know when your site is in danger.**

**START YOUR FREE 14-DAY TRIAL**



## Your Results:

DOWNLOAD HAR

SHARE RESULT



Performance grade

**C 72**

Page size

**4.2 MB**

Load time

**2.13 s**

Requests

**40**

# Hasil yang bisa dibaca / Kesimpulan

- Pengujian dilakukan ke sedayu.net dengan test server dari Jepang dengan membeikan hasil skor 69 (grade D). Jika dibandingkan dengan web lain nunuhost.com skor web ini 72 (Grade C).
- Ukuran file home sedayu.net 4,9 MB dengan waktu laoding 6,56 detik dengan jumlah request yang dikirim sebanyak 119.
- Jumlah konten file sebesar 2,7 MB yang terbanyak berupa image sebesar 1,4 MB (mencapai 51.575).

*\*) Sebagai gambaran test bisa dibandingkan antara 2 atau beberapa web untuk mengetahui perbedaan skor keduanya.*

# Tool dari dotcom-tools.com

- [dotcom-tools.com](https://dotcom-tools.com)



## Free Network Tools

- Website Speed Test
- Web Server Test
- Traceroute Test
- DNS Test
- FTP Test
- Email Server Test
- Streaming Media Test
- Email DNS Blacklist Test
- Ping Test

Pro Solutions Company Pricing Log in Sign up Free

## Website Speed Test

# Instantly Test your Website Speed

Receive a detailed, element level waterfall chart from this browser-based website speed test.

Start Test

Target, Request Name	Status	Domain
ftp.fileserver.com ftp	OK	192.168.1
hostname.com http/s	Validation -x1	yahoo.co
https://site.com/scap...	HTTP	cdn.cdn...
hostname.com rest	Validation	yahoo.co
ftp.fileserver.com (SS...	OK	i.cdn.cn...
mediat.com/video.swf	Media	agility.c...
voip.example.com	OK	cdn.jsf...
mail.sample.com pop3	TCP	yahoo.co
mail.sample.com smtp	OK	192.168.1
mail.sample.com round	SMTP - DNS	yahoo.co
user@mail.com active...	Validation -x1	cdn.cdn...
hostname.com DNSBL	OK	i.cdn.cn...
hostname.com DNS	OK	agility.c...



# Tool dari dotcom-tools.com

dotcom-tools.com menyediakan tool online yaitu :


- Free Network Tools
- Website Speed Test
- Web Server Test
- Traceroute Test
- DNS Test
- FTP Test
- Email Server Test
- Streaming Media Test
- Email DNS Blacklist Test
- Ping Test

# Web Speed Test dari dotcom-tools.com



## Free Network Tools

 Website Speed Test


 Web Server Test


 Traceroute Test

 DNS Test

 FTP Test

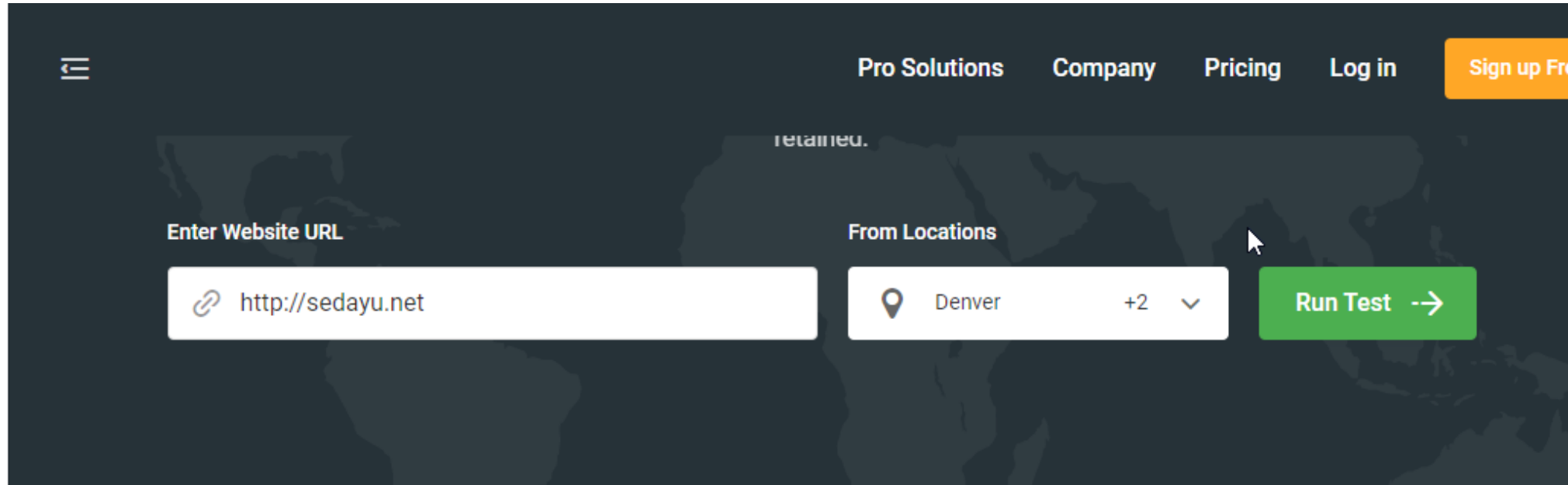
 Email Server Test

 Streaming Media Test

 Email DNS Blacklist Test

 Ping Test

10/00/2021





Pro Solutions Company Pricing Log in Sign up Free

retained.

Enter Website URL

From Locations

 http://sedayu.net

 Denver +2 ▾

Run Test →



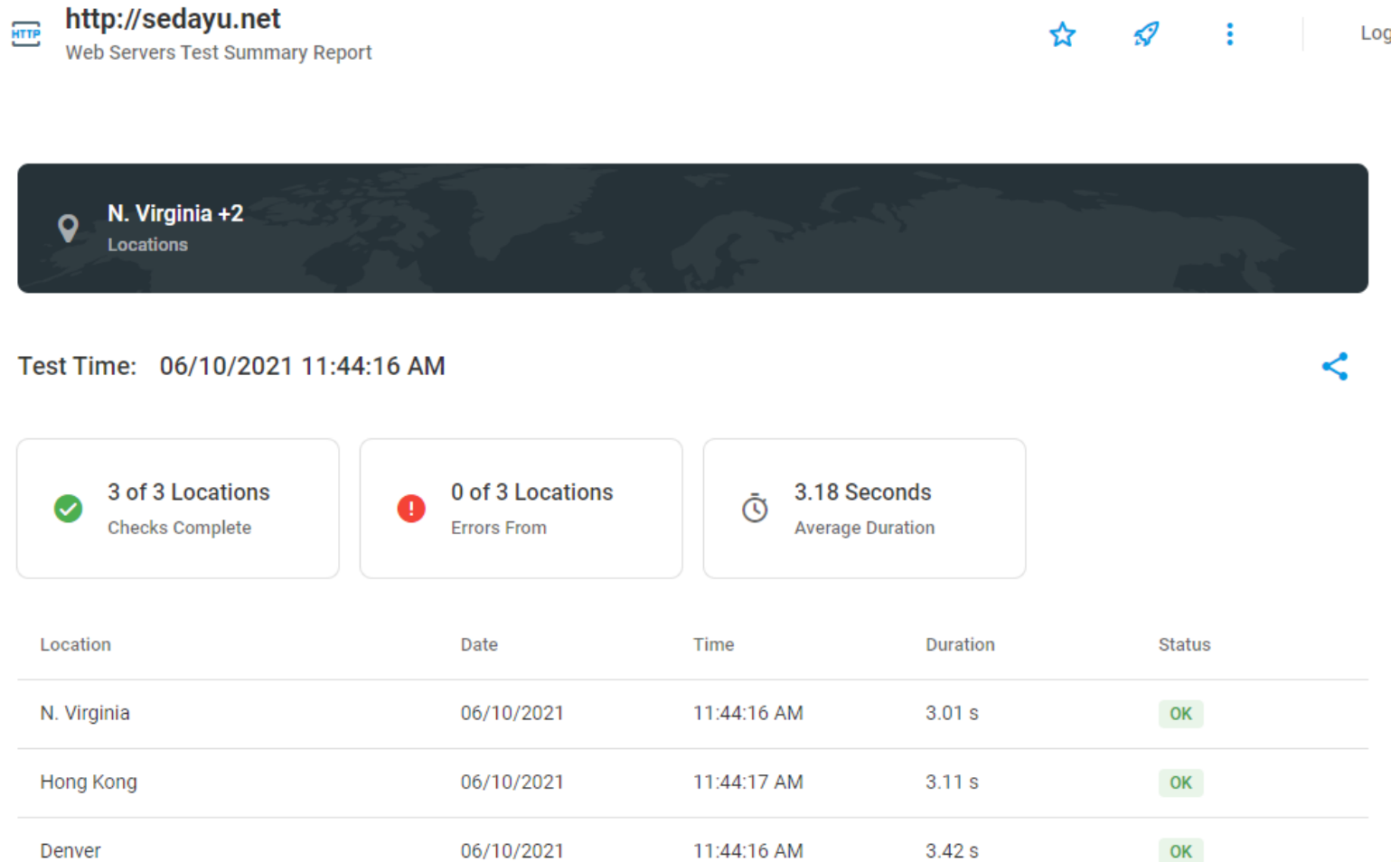
**Sign up free to save test history and get more features**

Get started in 60 seconds. No credit card necessary. Cancel anytime.

Get Started Free

# Hasil

- Status akses OK dengan rata-rata durasi (lama akses/load) sekitar 3 detik.
- Dicoba dar 3 lokasi yang berbeda yaitu : Virginia, Hongkong dan Denver.



# Tugas

- Lakukan test dengan dotcom-tools.com dan tools.pingdom.com terhadap web [teknikinformatika-s1.com](http://teknikinformatika-s1.com) dan [sisteminformasi-s1.com](http://sisteminformasi-s1.com)
- Buat laporan dan kesimpulan anda.