

Dobrodošli u naš svet

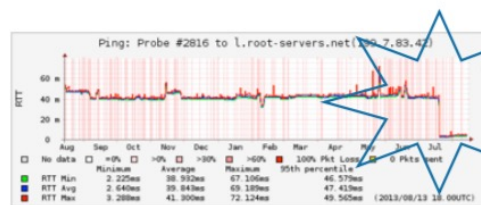
Svet merenja

Zoran Perović

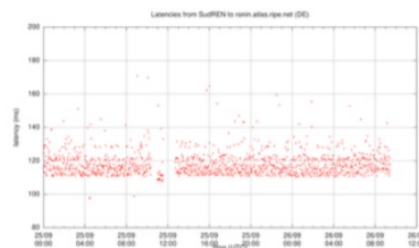
Sve je počelo od RIPE Atlas Anchor

RIPE Atlas Success Stories

- IXP: Measuring the effect of installing L-root in Belgrade / SOX
- DNS: Looking for most popular instances of .FR anycast servers
- Events: Measuring Internet outage in Sudan



Name server instance	Nr. of probes connecting to instance	Percentage
dns.th2.nic.fr	173	36%
dns.fra.nic.fr	173	36%
dns.lon.nic.fr	47	10%
dns.lyn2.nic.fr	29	6%
dns.lyn1.nic.fr	25	5%
dns.bru.nic.fr	19	4%
dns.ix1.nic.fr	18	4%



Nastavili smo sa ARK Caida

Center for Applied Internet Data Analysis [University of California's San Diego Supercomputer Center](#)
Archipelago (Ark) Measurement Infrastructure

← → ↻ caida.org/projects/ark/statistics/monitor/beg-rs/map_rtts.html 🔍 ☆ 🛒 ⚙️ ☰ 👤

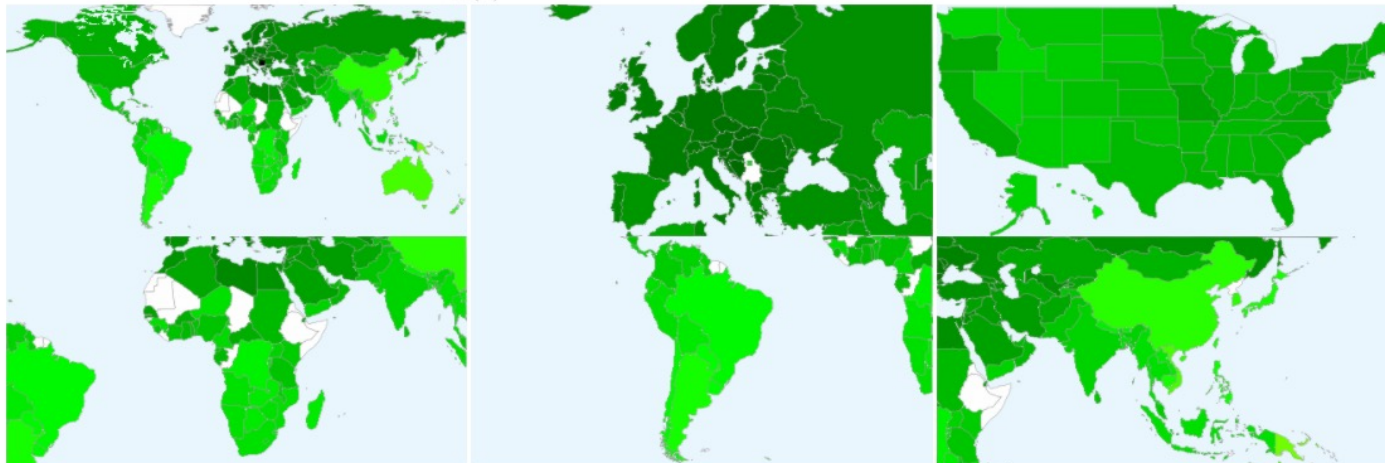
beg-rs

Serbian Open eXchange (SOX)
Belgrade, RS

IPv4 data used (switch to IPv6)

← →
Prev monitor: bed3-us Next monitor: bfh-br
Prev in Europe: bcn2-es Next in Europe: bhd-uk
+ To main statistics page

Median RTT per country and US state



Use the following link to download the data used to render this graph in ASCII, comma-separated values format here: (CSV output)

ROUTEVIEWS ROUTEVIEW


A collaborative router looking glass to share BGP views among network operators and researchers. RouteViews was founded at the University of Oregon's Advanced Network Technology Center (ANTC) in 1995. Data archives began in 1997 and amount to 22TBs (compressed) today.


FOOTPRINT

COLLECTOR LOCATIONS

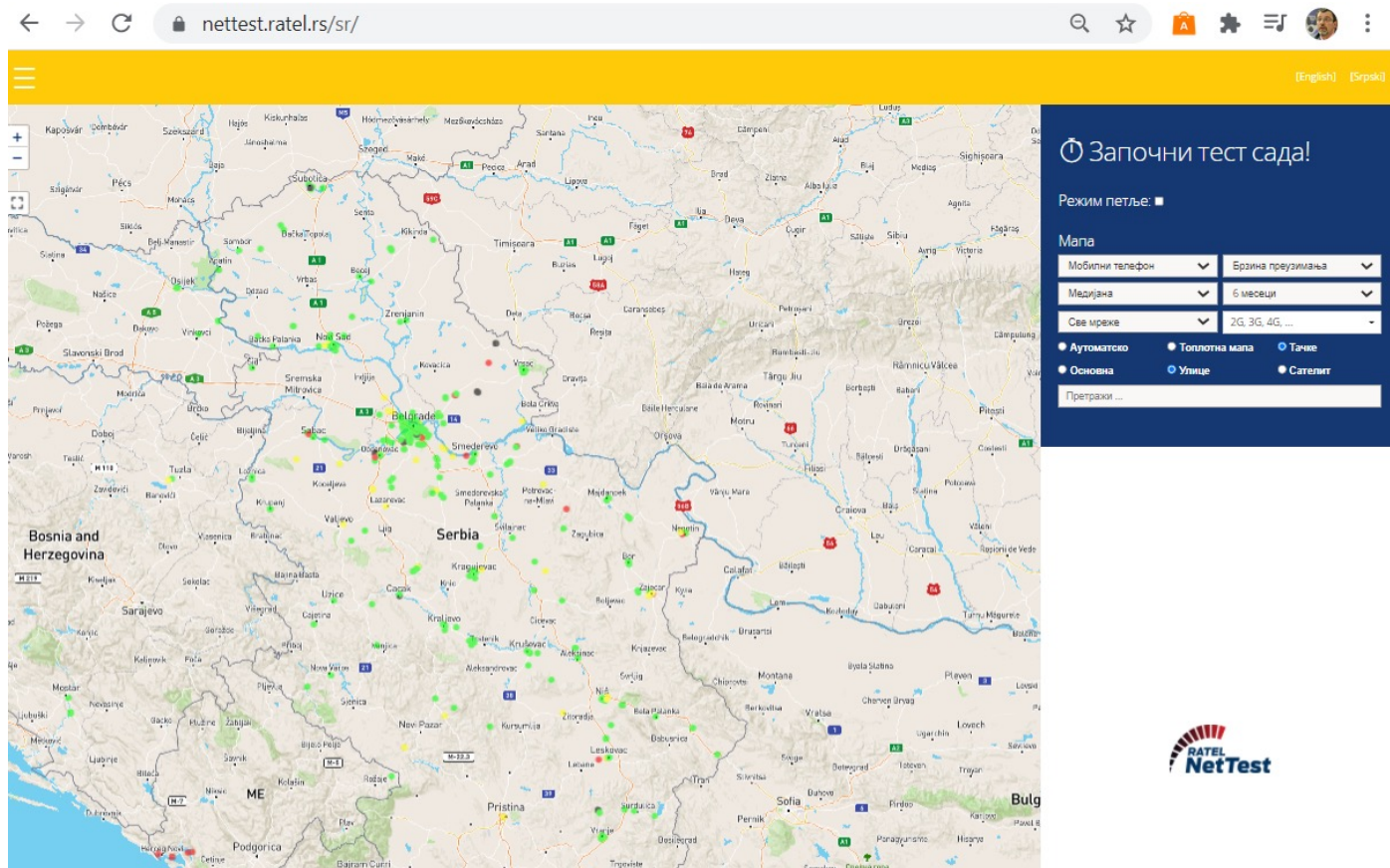
- ✓ Atlanta (digital realty)
- ✓ Chicago (equinix)
- ✓ Chile
- ✓ DC (eqix)
- ✓ Eugene (Multi-hop)
- ✓ Johannesburg (JINX, NAPAfrica)
- ✓ London (LINX)
- ✓ Miami (flix)
- ✓ Nairobi (kixp)
- ✓ Palo Alto (PAIX)
- ✓ Perth (WAIX)
- ✓ Portland (NWAX)
- ✓ Sao Paulo (IX.br x4)
- ✓ San Francisco (sfmix)
- ✓ Singapore (Equinix SG)
- ✓ Serbia (sox)
- ✓ Sydney (equinix)
- ✓ Tokyo (DIX-IE)
- ✓ Cape Town

ROUTEVIEWS

 UNIVERSITY OF OREGON

 **NSRC**
Network Security Research Center

A onda je došao RATEL Nettest




The screenshot shows the RATEL Nettest website interface. The browser address bar displays `nettest.ratel.rs/sr/`. The page features a map of Serbia with various test points marked by colored dots. A dark blue sidebar on the right contains the following elements:

- Header: **Започни тест сада!**
- Section: **Режим петље:**
- Configuration table:

Mana	
Мобилни телефон	Брзина преузимања
Медијана	6 месеци
Све мреже	2G, 3G, 4G, ...

- Аутоматско
- Топлотна мапа
- Тачке
- Основна
- Улице
- Сателит

Претражи ...



Pa Google-ov projekat Measurement Lab

Test brzine interneta

8.86 Mb/s za preuzimanje	0.96 Mb/s za otpremanje
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Kašnjenje 8 ms
Server Belgrade

Брзина интернета је добра.

Интернет веза би требало да је довољно брза да подржи стримовање HD видеа. Ако се видео истовремено стримује на више уређаја, може да дође до повремених застоја.

SAZNAJTE VIŠE [TESTIRAJ PONOVO](#)

[Povratne informacije](#)

google.com/search?q=speed+test&oq=speed+test&aqs=chrome.0.69159j69160l2j69165.3

Google speed test

Sve Slike Mape Knjige Vesti Još Alatke

Oko 3.540.000.000 rezultata (0,42 sekunde/)

Test brzine interneta

Proverite brzinu interneta za manje od 30 sekundi. Ovaj test obično prenosi manje od **40 MB podataka**, ali pri brzim vezama može da prenese i više.

Da bi se pokrenulo testiranje, povežemo vas sa uslugom Measurement Lab (M-Lab) i deliti vašu IP adresu sa njom, a usluga će obrađivati podatke u skladu sa [privacy policy](#). M-Lab obavlja testiranje i objavljuje sve rezultate testiranja radi promocije istraživanja interneta. Objavljene informacije obuhvataju vašu IP adresu i rezultate testiranja, ali ne obuhvataju druge informacije o vama kao korisniku interneta.

Osnovni podaci [POKRENI TEST BRZINE](#)

<https://www.speedtest.net> [Prevedi ovu stranicu](#)

[Speedtest by Ookla - The Global Broadband Speed Test](#)

Use **Speedtest** on all your devices with our free desktop and mobile apps.

Ovu stranicu ste posetili više puta. Poslednja poseta: 27.9.21.

<https://fast.com> [Prevedi ovu stranicu](#)

[Fast.com: Internet Speed Test](#)

How fast is your download speed? In seconds, FAST.com's simple internet **speed test** will

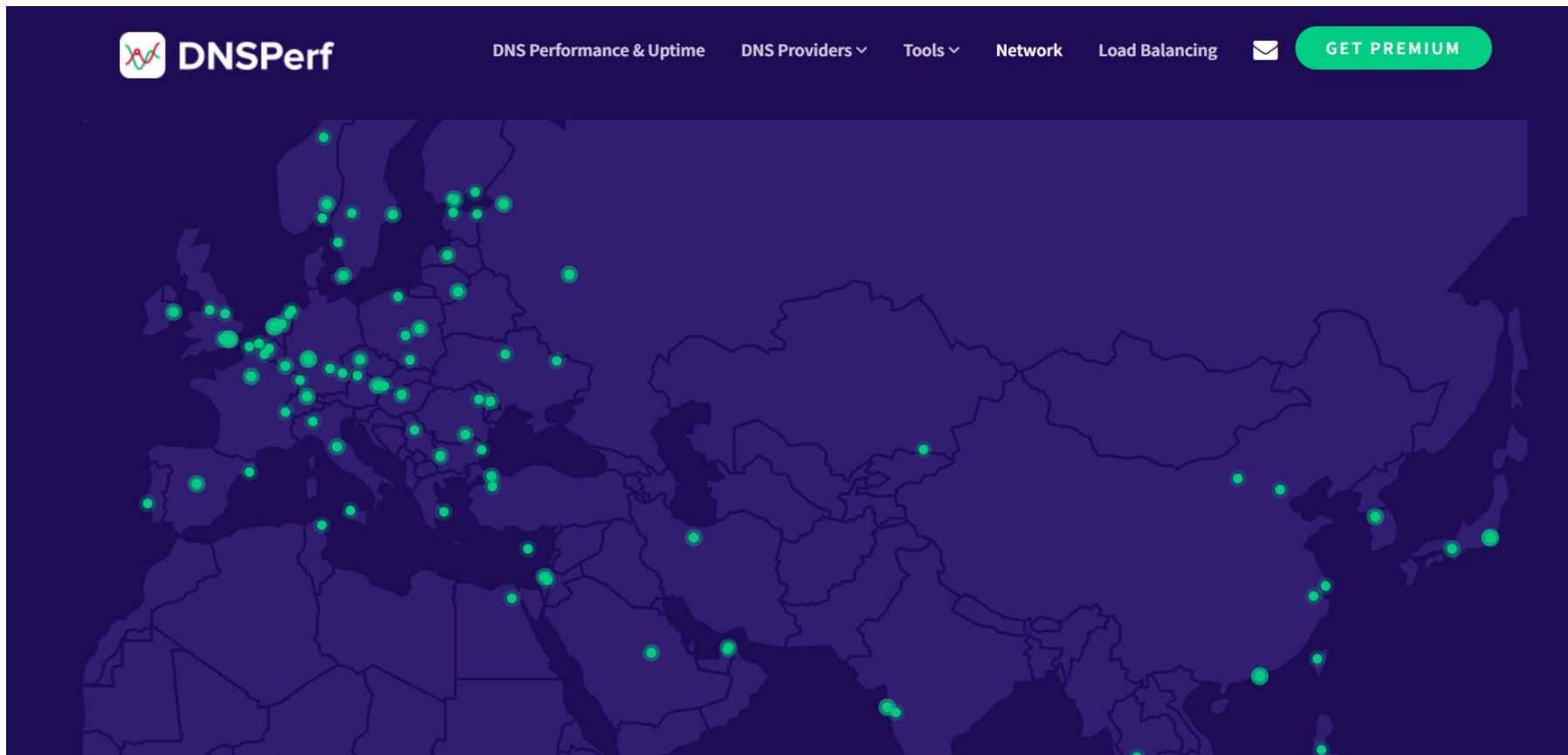
Ookla !!!

The screenshot shows the Ookla Speedtest website interface. At the top, there is a navigation bar with "SPEEDTEST" and links for "Apps", "Insights", "Network", and "Developers". Below the navigation bar, there are several promotional banners. On the left, a "Lansweeper" banner advertises a "Download IP Scanner Tool" with a description: "Complete IP scanner tool that uses all available ports to retrieve detailed info." and an "Open" button. In the center, a "FOX 4K OSETI RAZLIKU" banner is visible. On the right, a "webOS TV" banner is powered by "POGLEDAJ PONUDU". The main content area features a search interface for "UNLIMITED.RS" in "Belgrade". It includes a search input field and a list of servers close to the user:

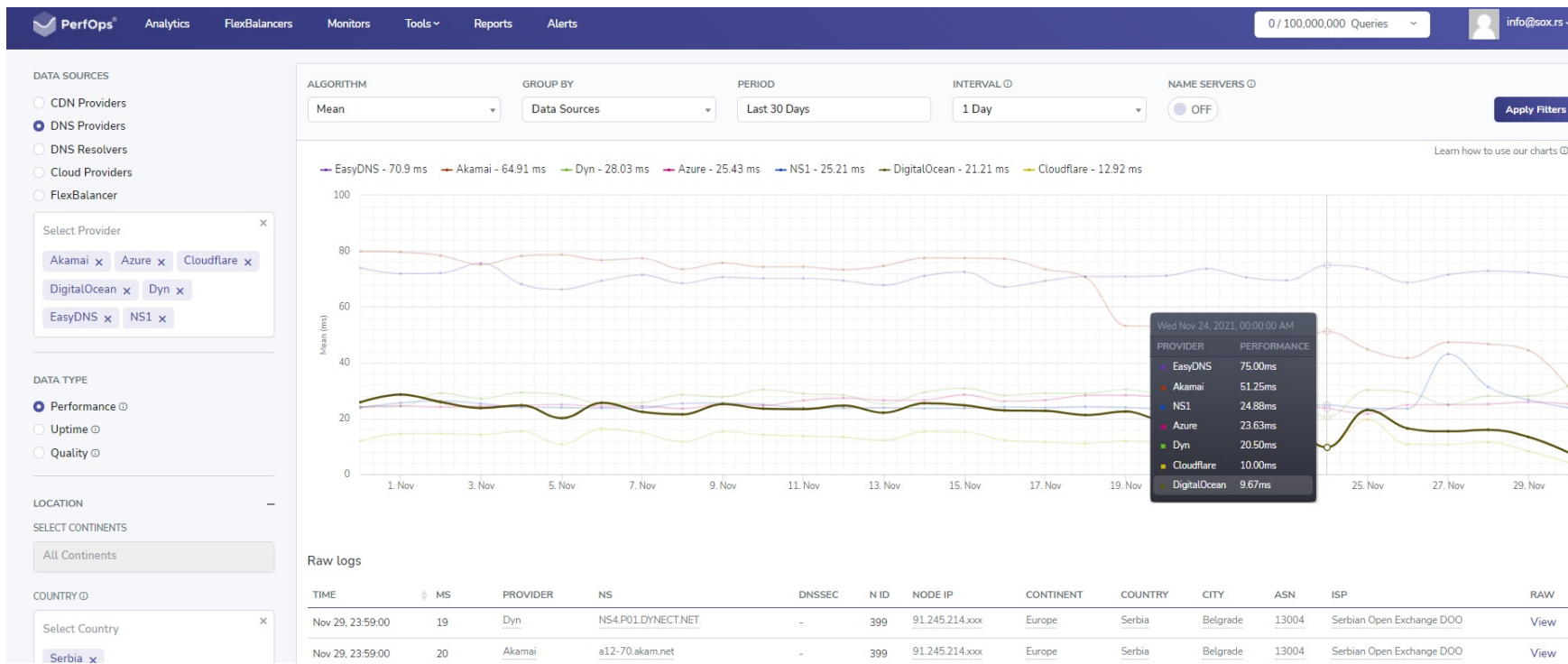
- Belgrade - UNLIMITED.RS
- Belgrade - Serbia BroadBand
- Belgrade - Telenor d.o.o.
- Beograd - Orion Telekom
- Arandjelovac - Optel Telekom
- Cuprija - InterCom Computers
- Aleksinac - Home Network

On the right side of the search results, there is a "BECOME A HOST" section with the text: "Join us in providing the world's most accurate speedtest platform." and a "Sign Up" button.

DNS Perf

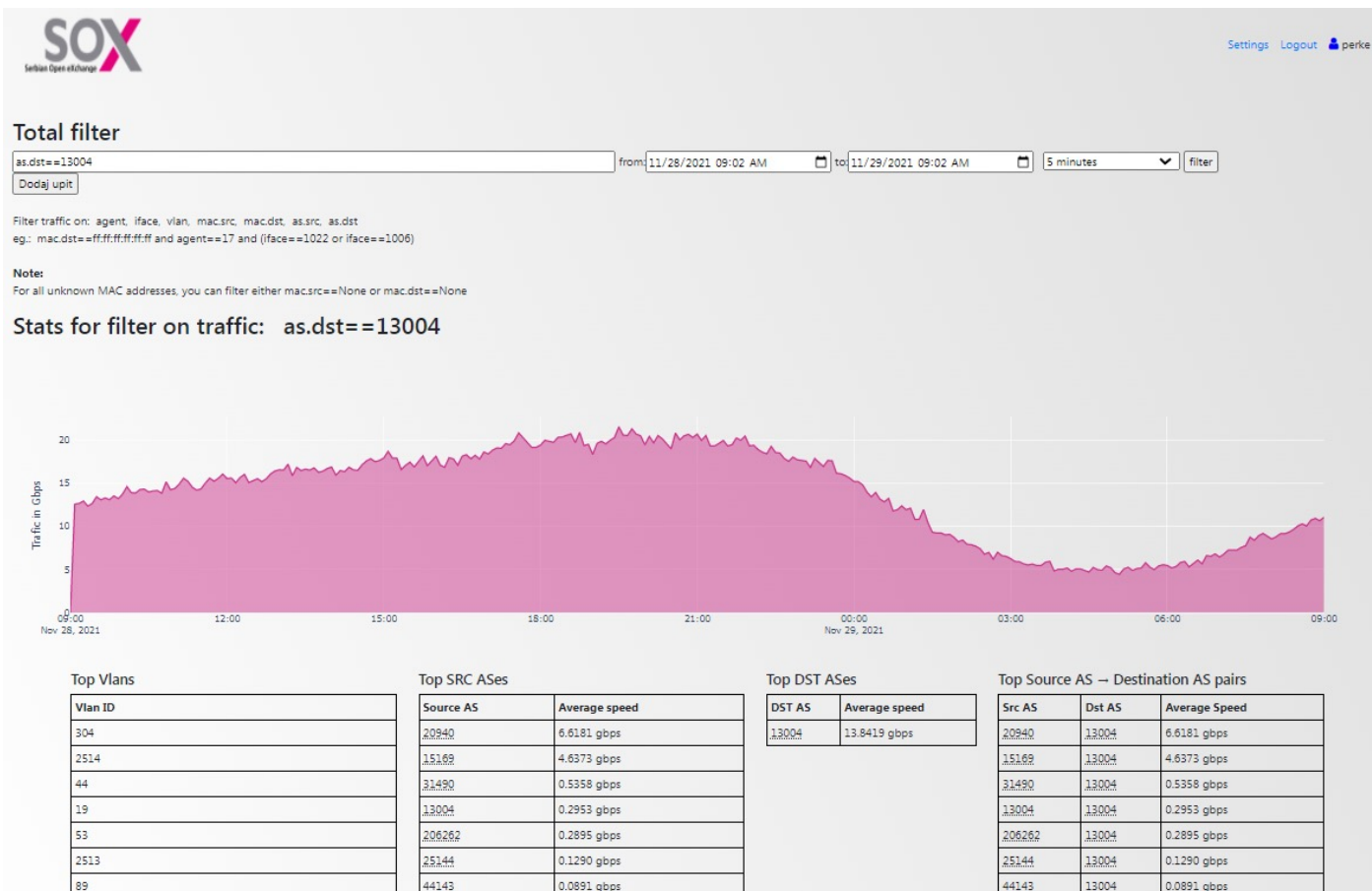


PerfOps



Google,
Akamai,
Limelight,
Packet Clearing House,
DNS Oarc – AS112,
M247

SOX sistem za analizu SFLOW



Hvala na pažnji

Pitanja?

Zoran Perović, SOX CEO