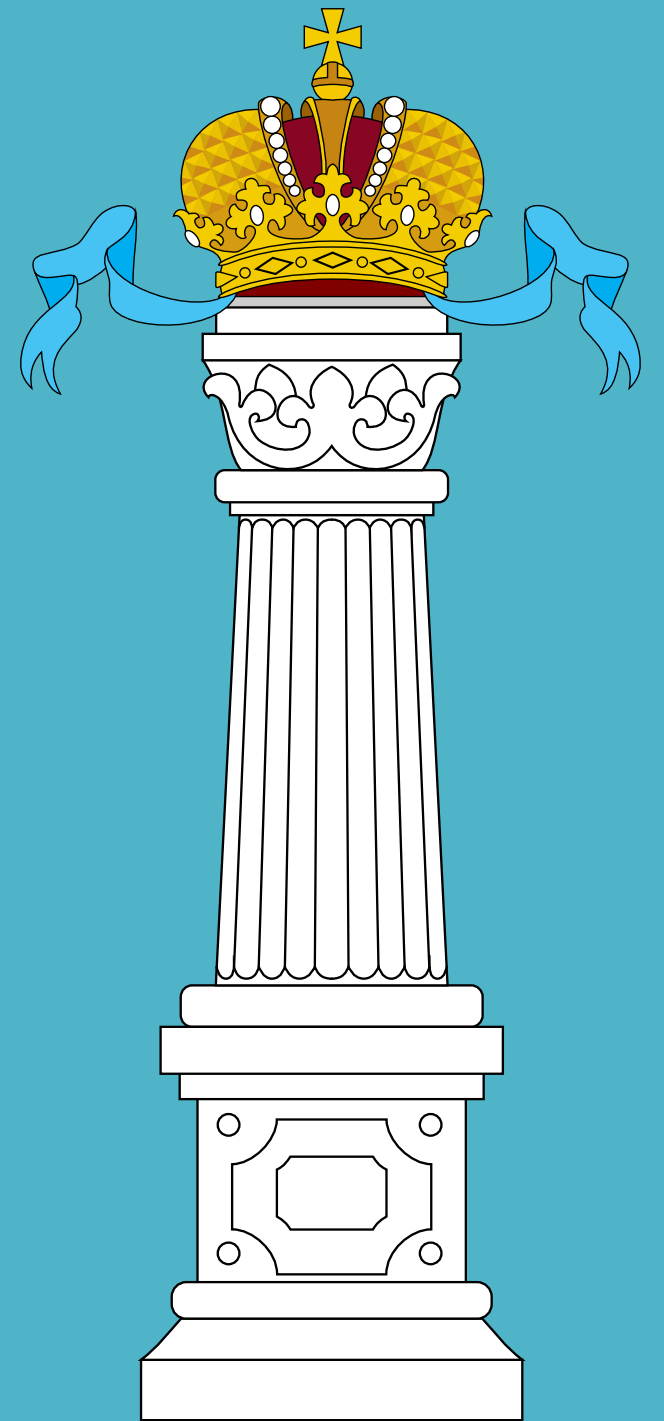


ULN-IX

Ulyanovsk Internet Exchange

by [Konstantin Bekreyev](#)
Internet Society, Russia

[ENOG9 Meeting](#), Kazan, 9-10 June 2015



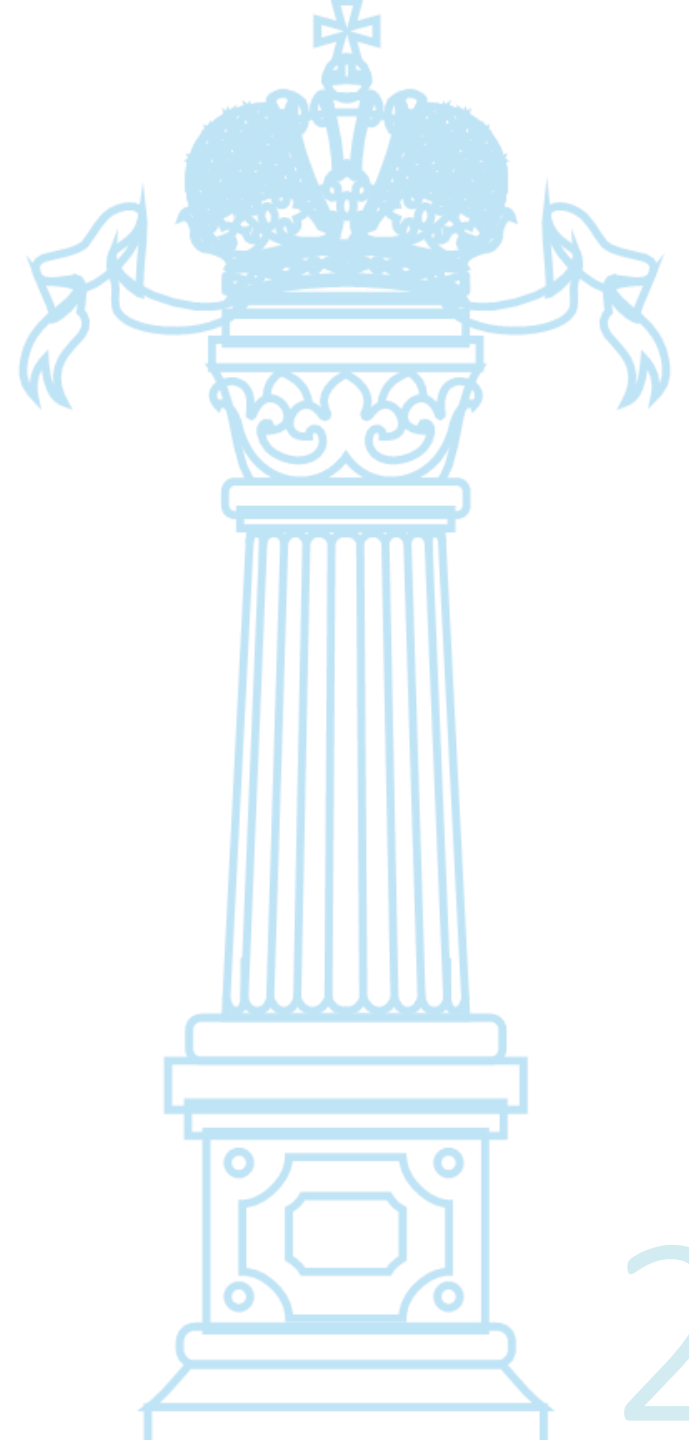
ULN-IX Today

What it is:

- ISP and Carrier neutral Internet Exchange

Where it is:

- Located in Lva Tolstogo 54, Ulyanovsk, Russia
- <http://www.uln-ix.ru>



ULN-IX Connected parties

- 11 connected ISPs

- 3 Anycast DNS Services

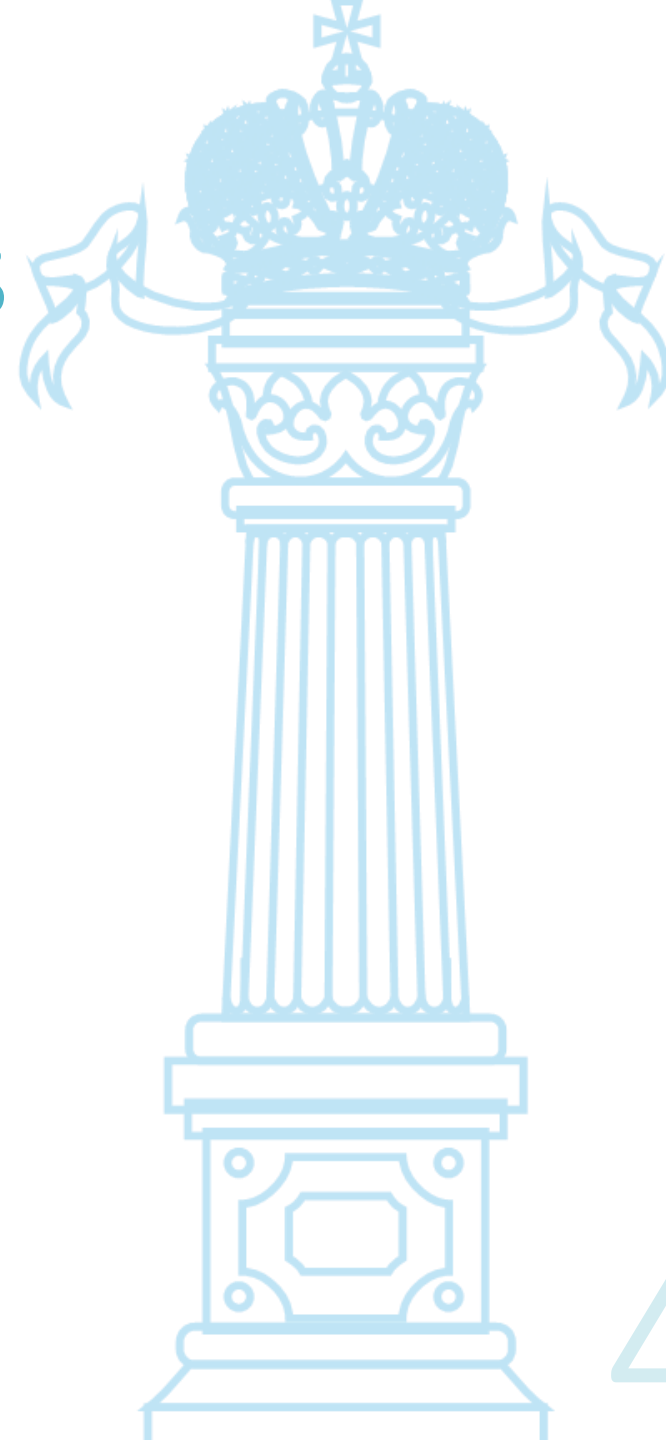


Ультрамарин



ULN-IX IPv4 Connected parties

| | | | |
|--------------|---------------------------------|---------------|-----------------------------|
| <u>112</u> | <u>AS112 Project</u> | <u>42909</u> | <u>CommunityDNS</u> |
| <u>2854</u> | <u>Orange Business Services</u> | <u>43782</u> | <u>TTK</u> |
| <u>3217</u> | <u>Ultramarine</u> | <u>43975</u> | <u>Rostelecom</u> |
| <u>8402</u> | <u>Beeline</u> | <u>49816</u> | <u>MTS</u> |
| <u>9049</u> | <u>ER-Telecom</u> | <u>50716</u> | <u>EVO</u> |
| <u>12772</u> | <u>Enforta</u> | <u>60564</u> | <u>Esgob</u> |
| <u>31138</u> | <u>IPTelecom</u> | <u>198207</u> | <u>Electronic Ulyanovsk</u> |



ULN-IX IPv6 Connected parties

112 [AS112 Project](#)

2854 [Orange Business Services](#)

31138 [IPTelecom](#)

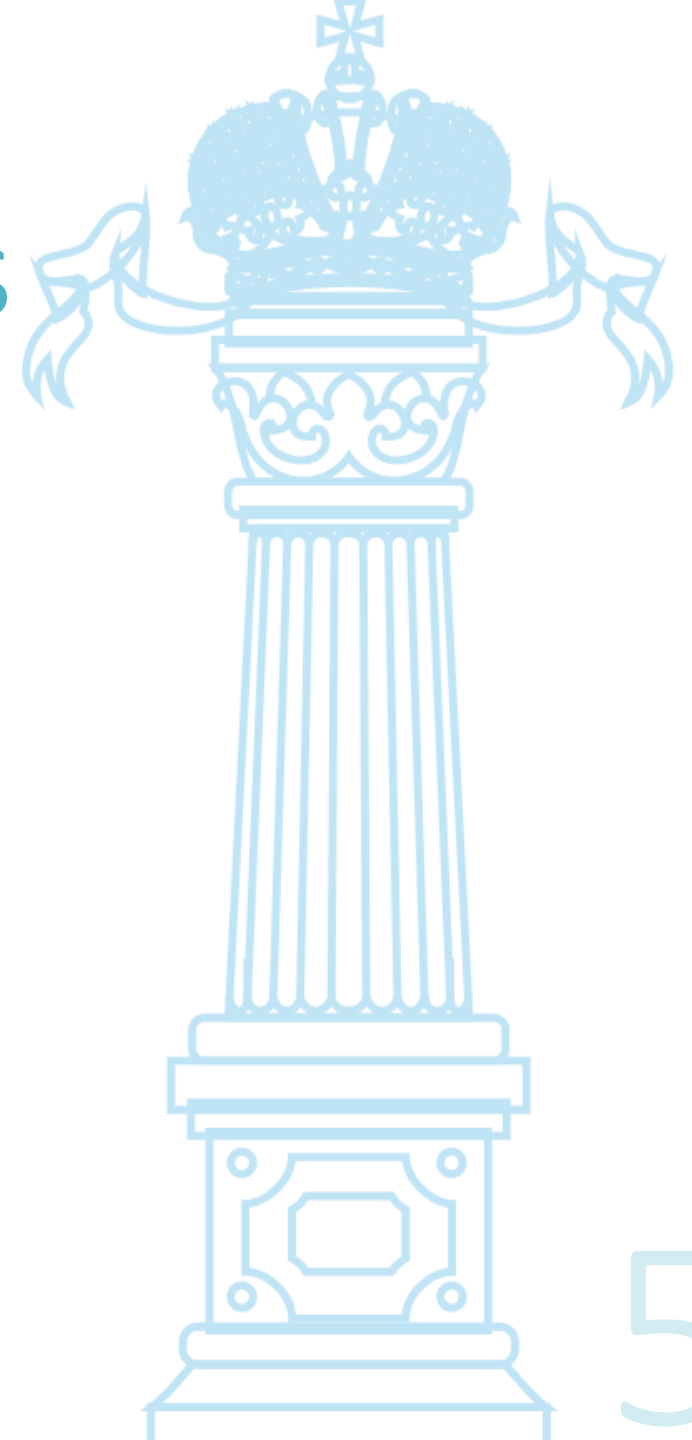
42909 [CommunityDNS](#)

43782 [TTK](#)

43975 [Rostelecom](#)

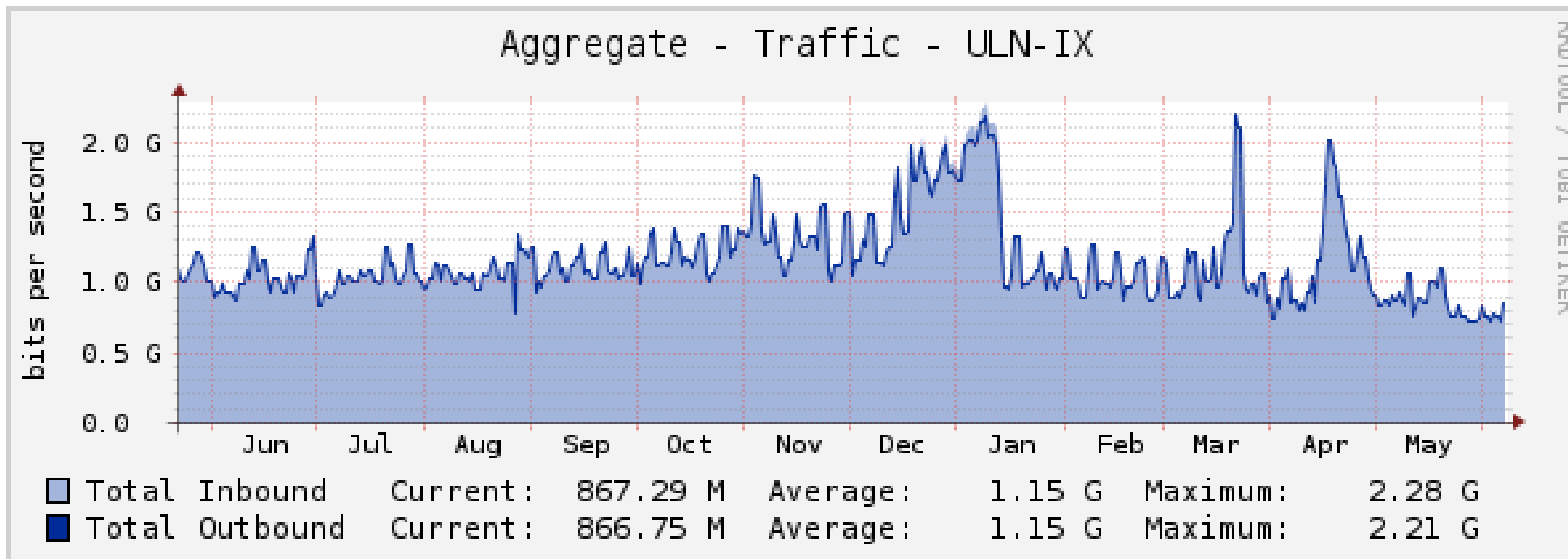
50716 [EVO](#)

60564 [Esgob](#)



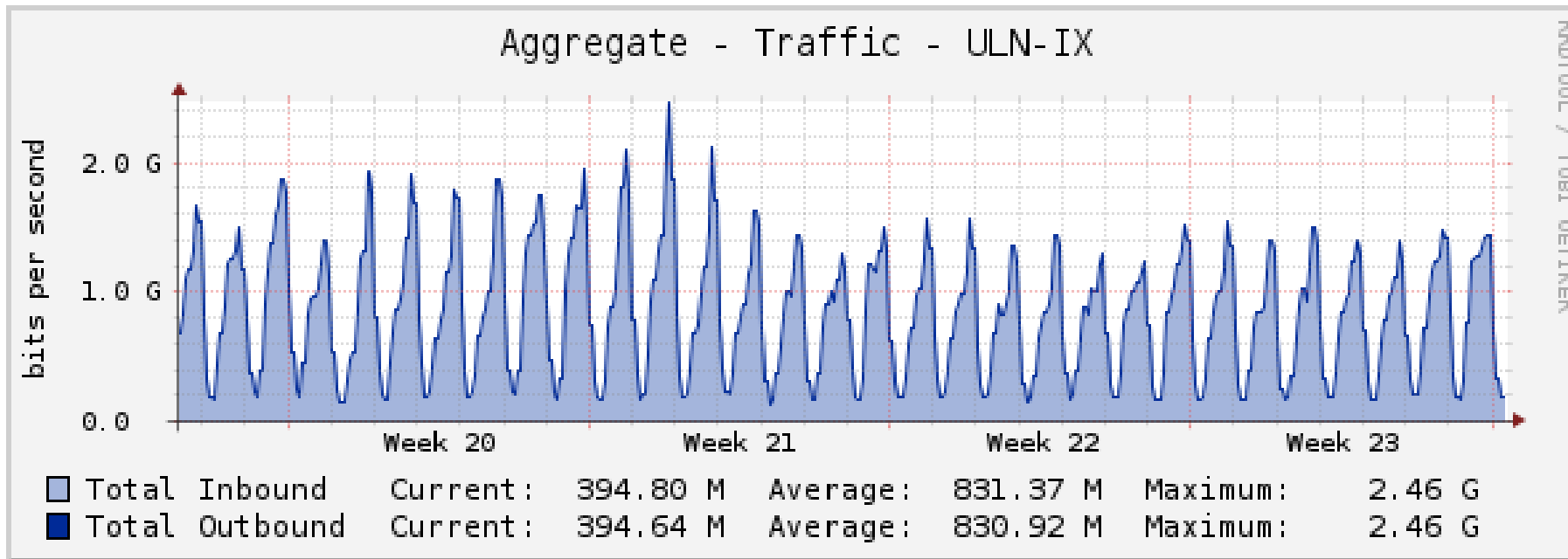
ULN-IX Traffic summary

Last year: average 1.15G
 maximum 2.28G



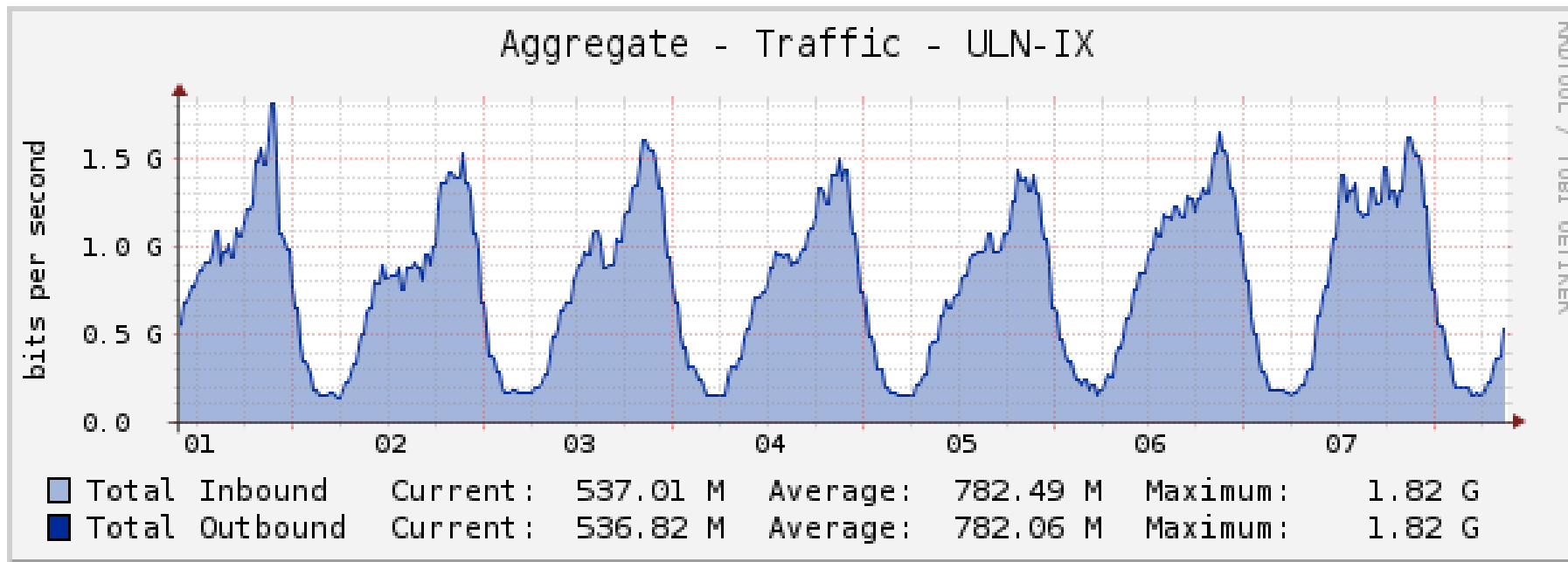
ULN-IX Traffic summary

Last month: average 0.83G
maximum 2.46G



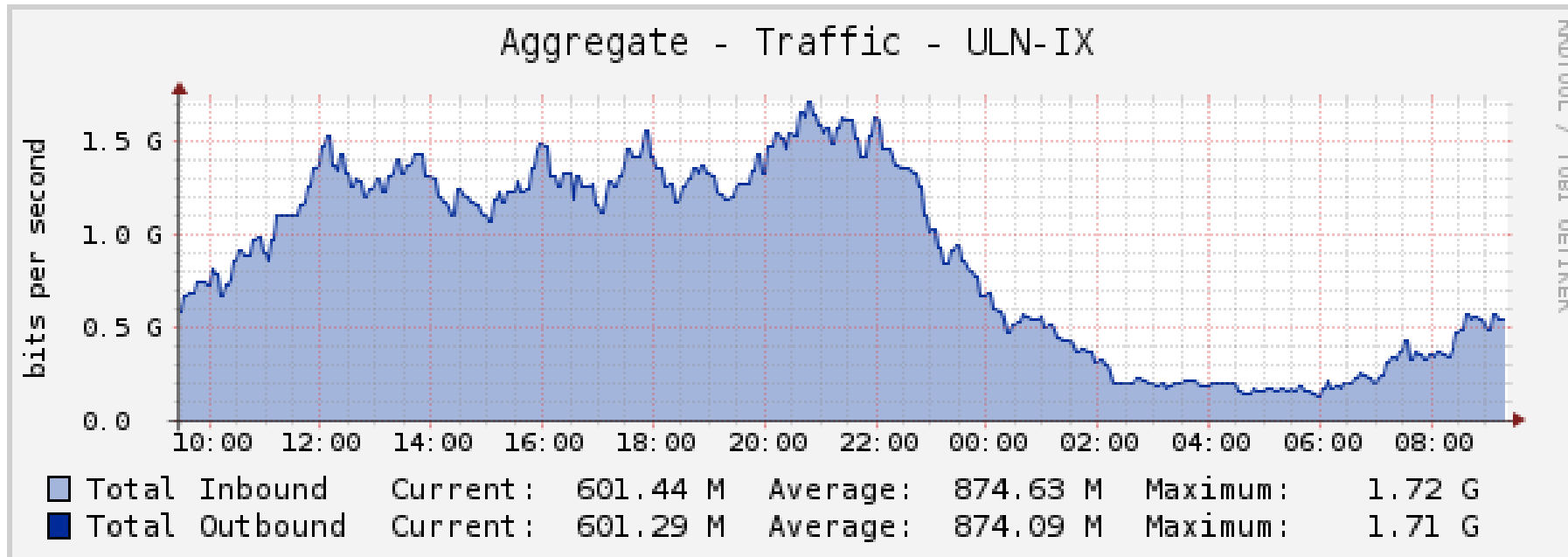
ULN-IX Traffic summary

Last week: average 0.78G
 maximum 1.82G

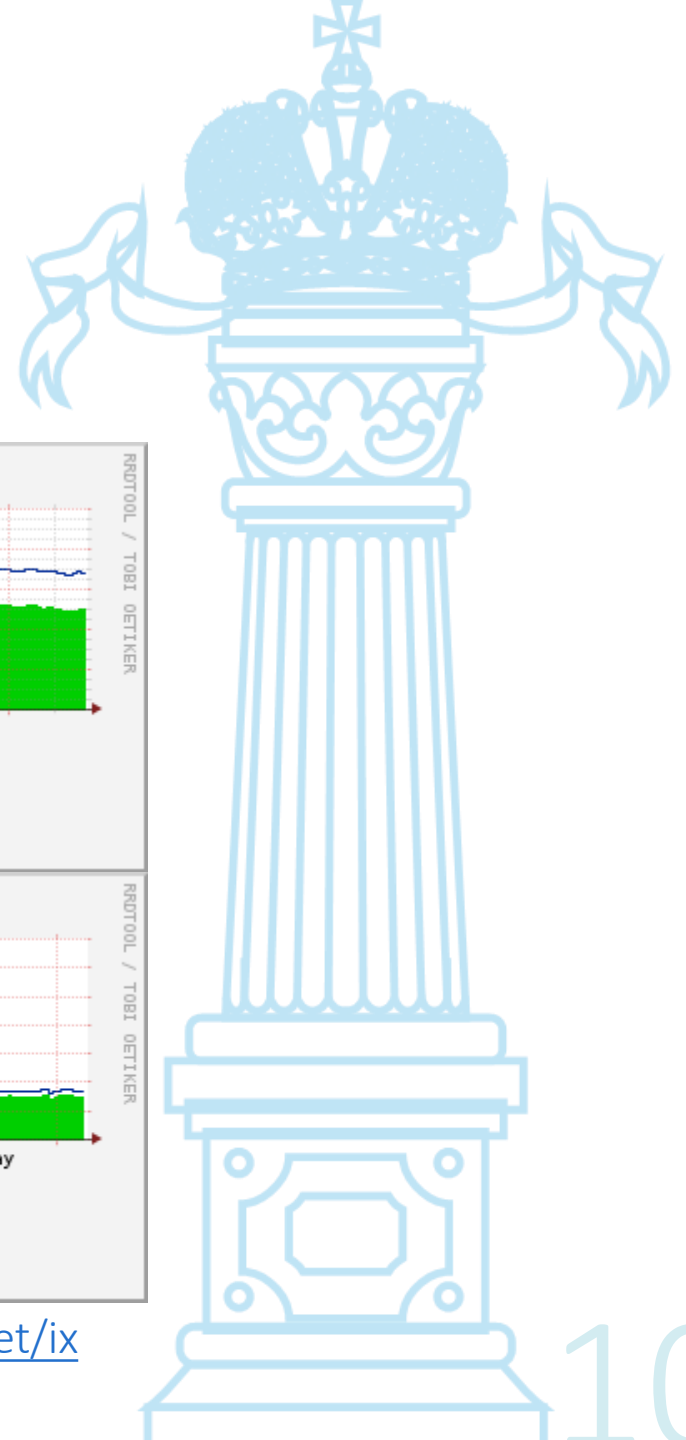


ULN-IX Traffic summary

Last day: average 0.87G
 maximum 1.72G

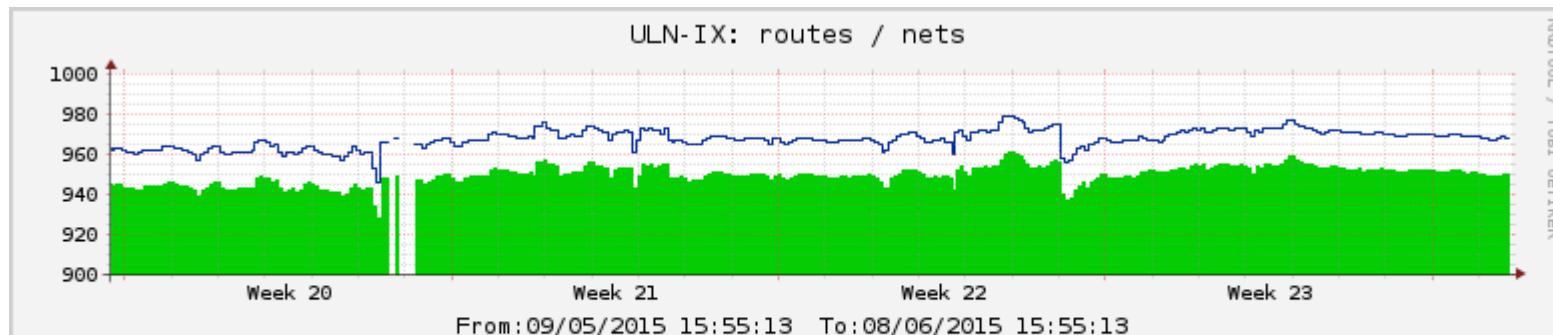


ULN-IX routes/networks

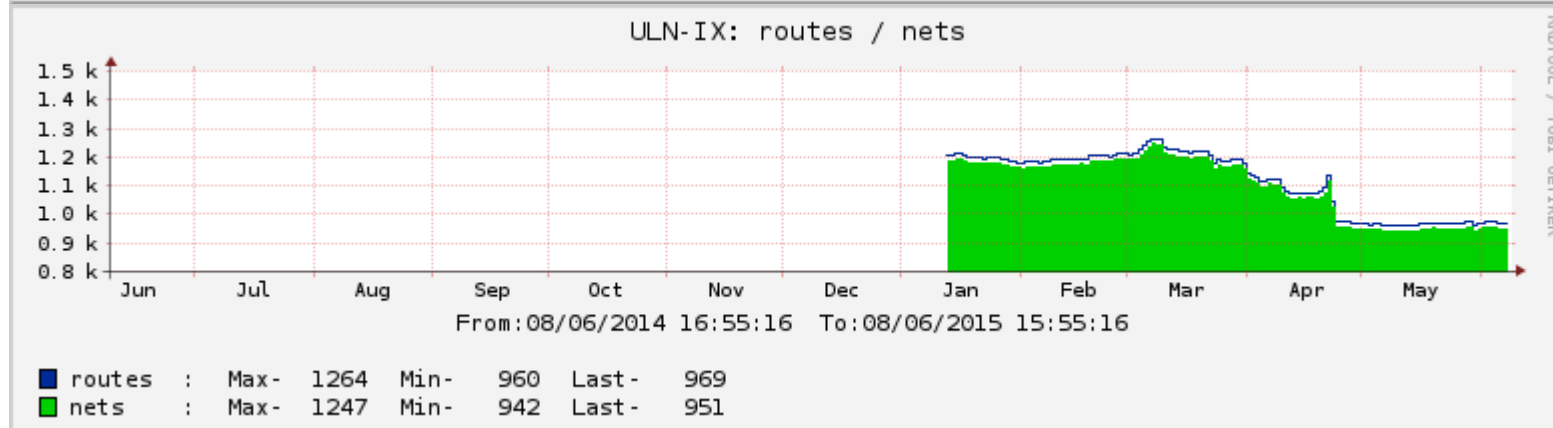


Maximum announced 1264 routes and 1247 networks.

Last month:



Last year:



Filters by IRR
enabled at
April 2015.

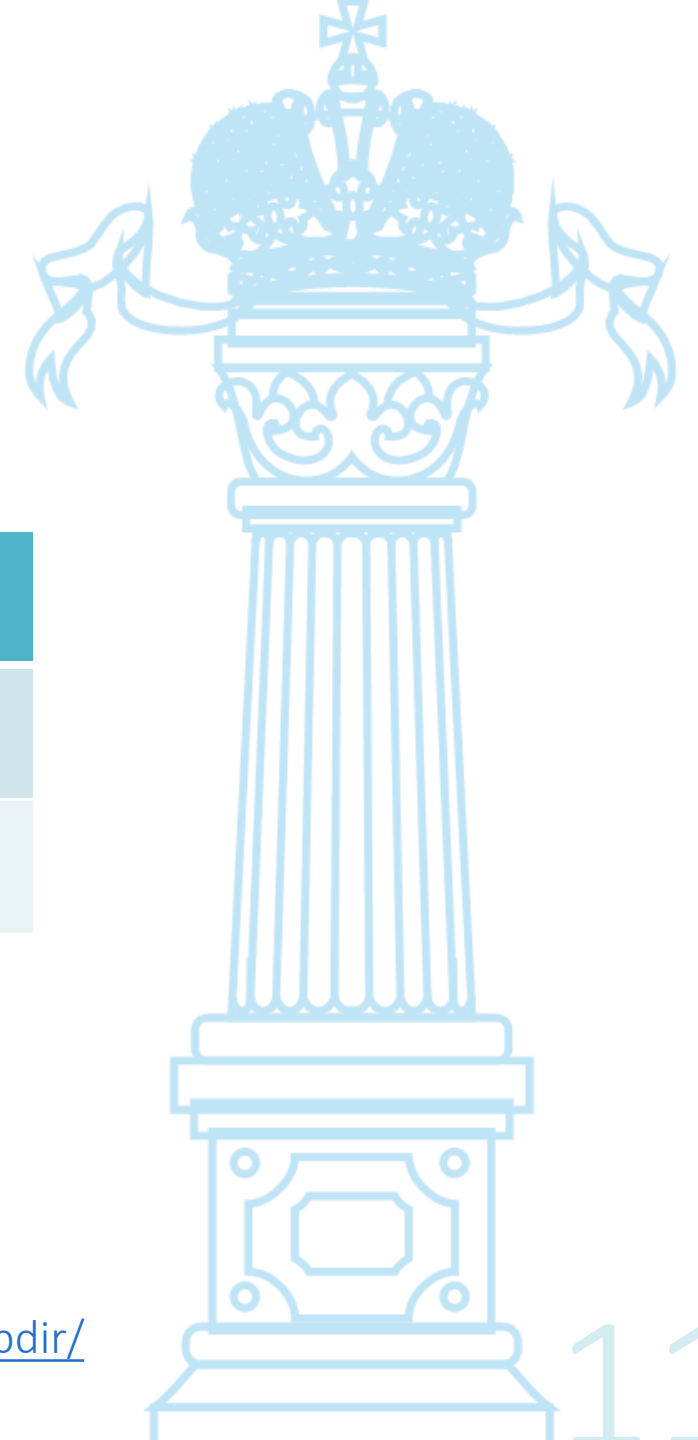
<http://ru.map-ix.net/ix>

ULN-IX rating at PCH IXPDIR

| it ranks at | Russia | Europe | World |
|-----------------|--------|--------|-------|
| by participants | 13 | 95 | 189 |
| by traffic | 12 | 86 | 158 |

With 16 participants and peaks at 1.66 Gbit/s of traffic each day.

<https://prefix.pch.net/applications/ixpdir/>



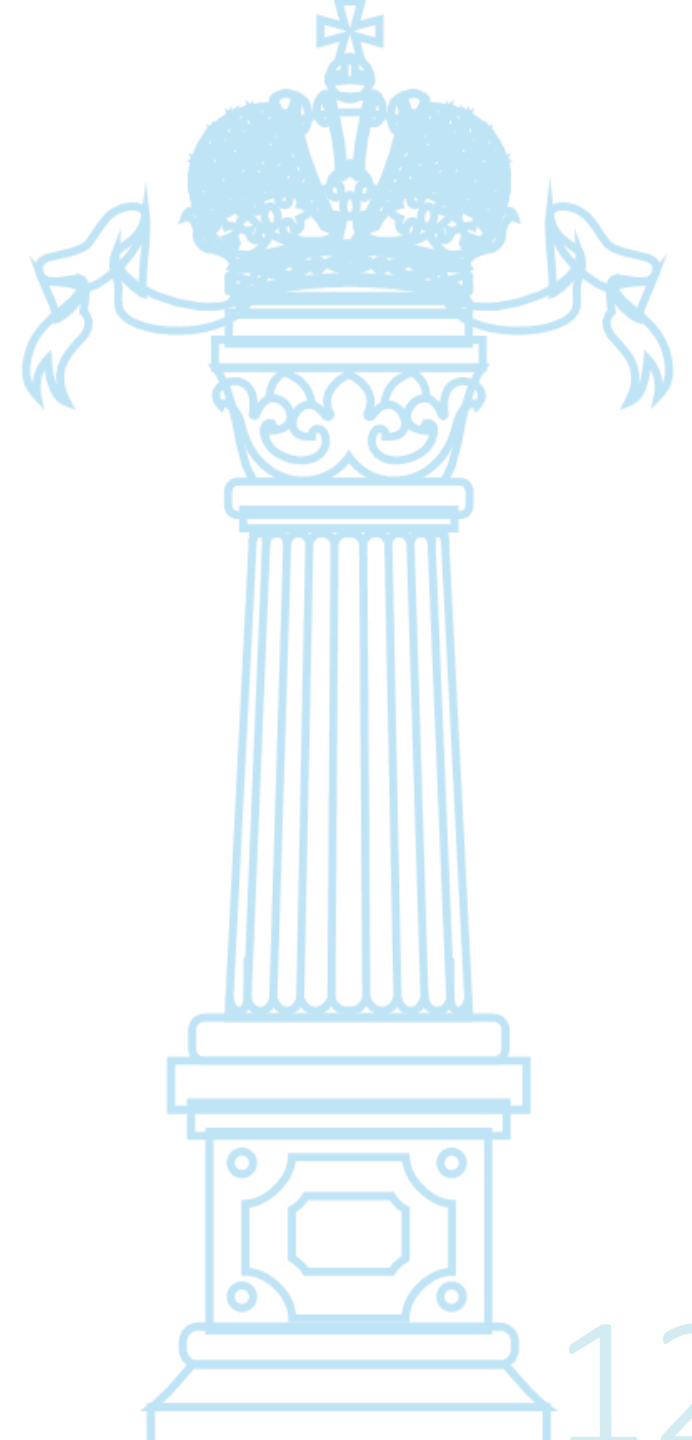
ULN-IX ports

Available port types:

- Gigabit Ethernet 1000BaseT
- Gigabit Ethernet 1000Base-X SFP
- 10-Gigabit Ethernet 10GBASE-SR / LR / ER SFP+

Available port configuration:

- Access port
- VLAN tagging IEEE 802.1Q (VLAN id = 7)
- Link aggregation IEEE 802.3ad



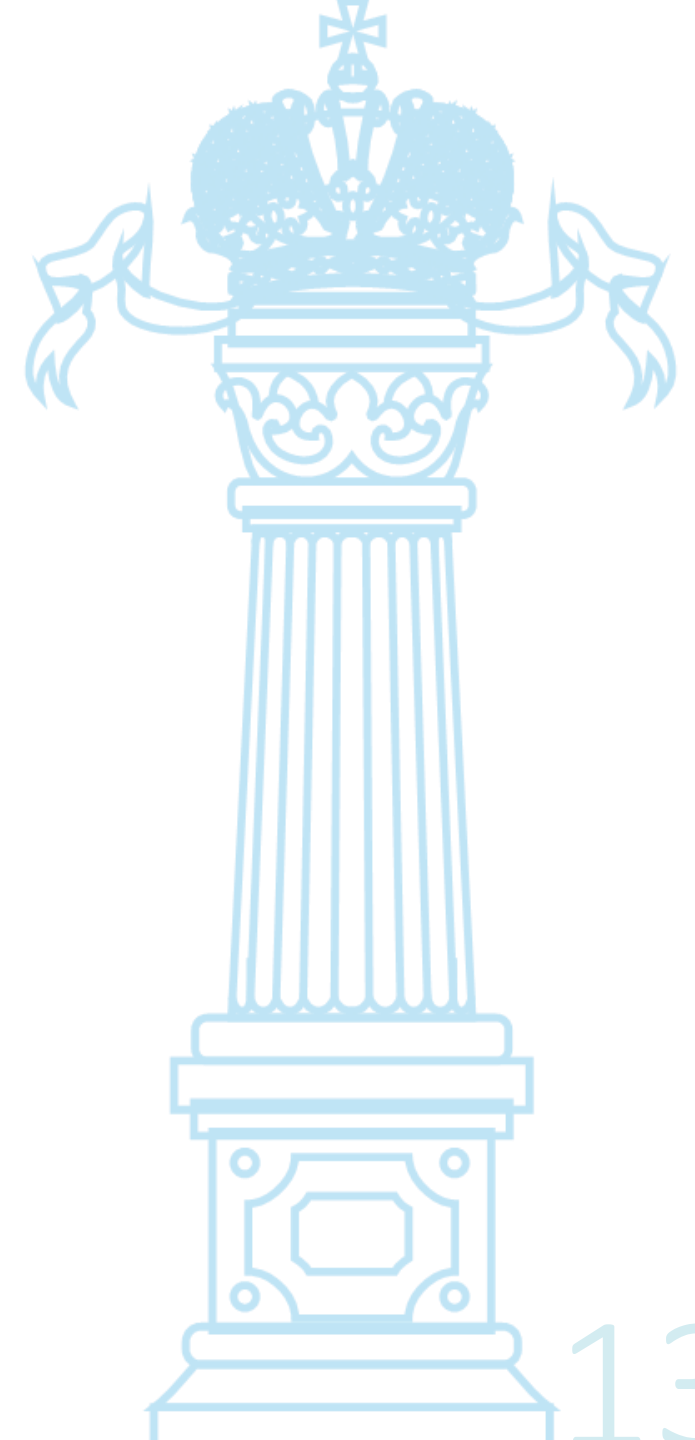
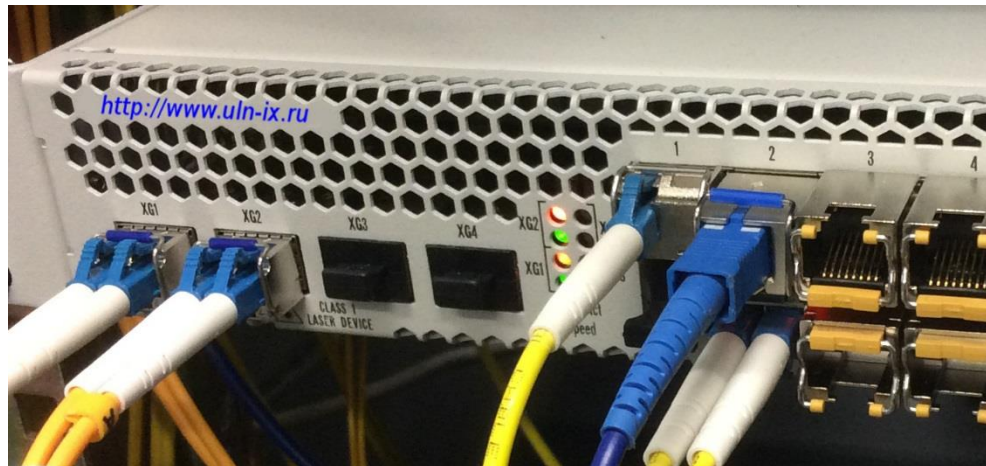
ULN-IX equipment

Route server:

- [BIRD](#) on [FreeBSD](#)

Switch:

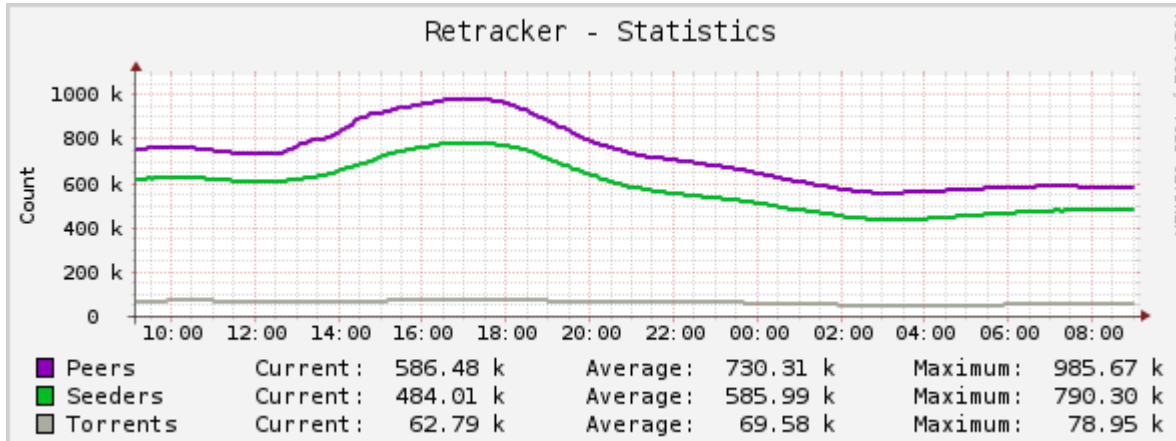
- [Eltex MES-3124F](#)



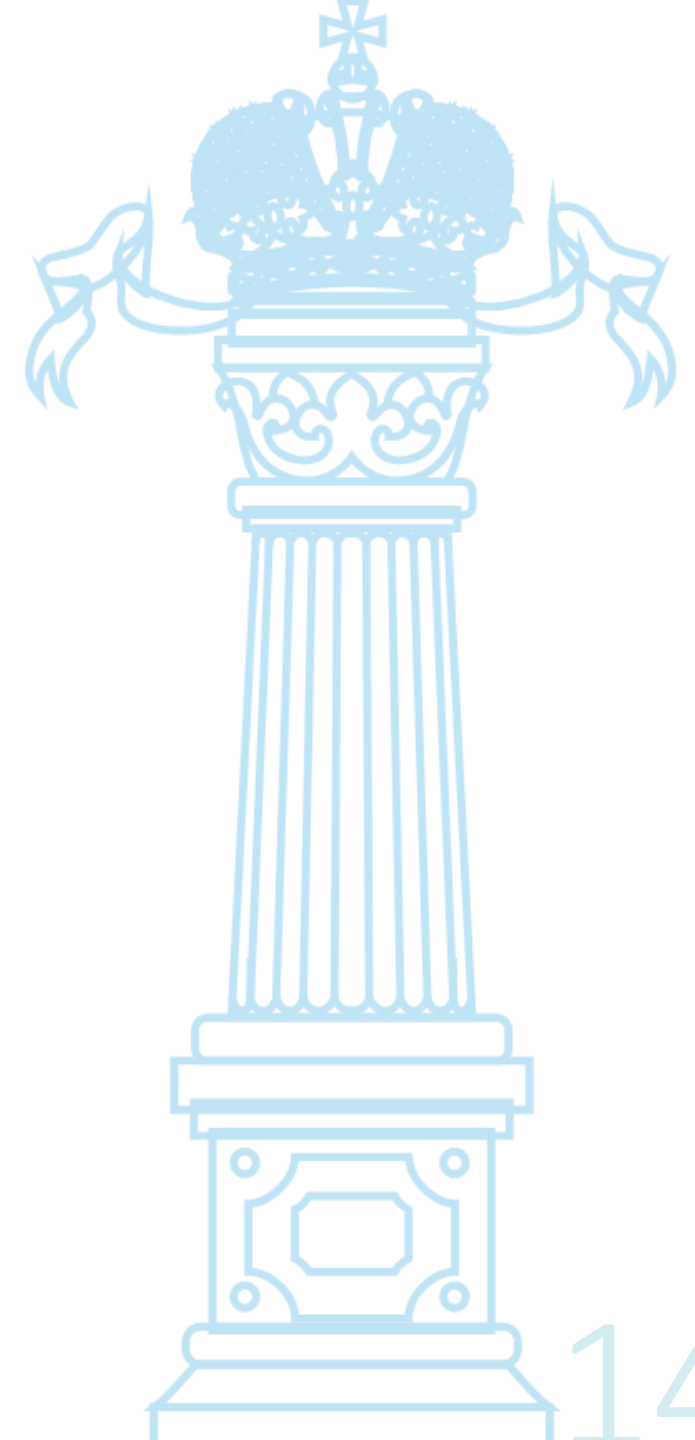
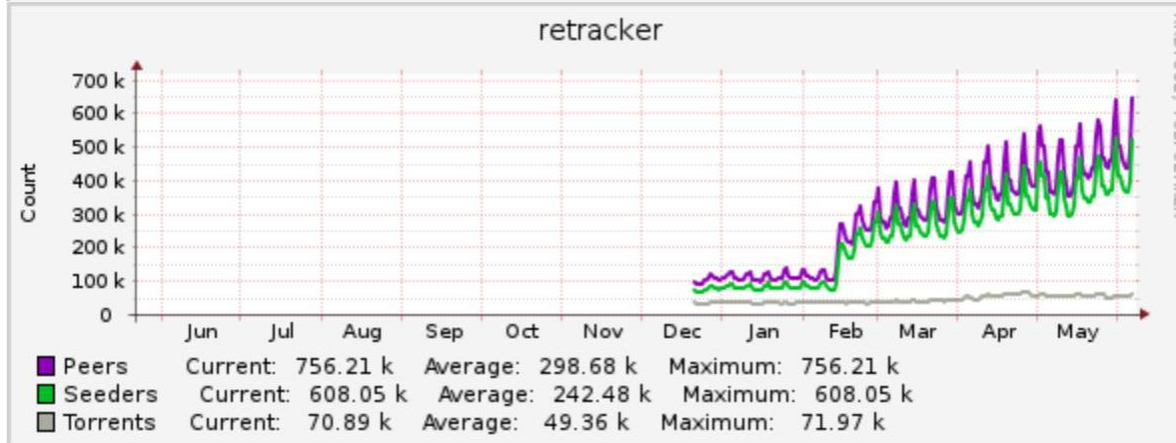
ULN-IX retracker

Million peers, 800000 seeders, 80000 torrents

Last day:



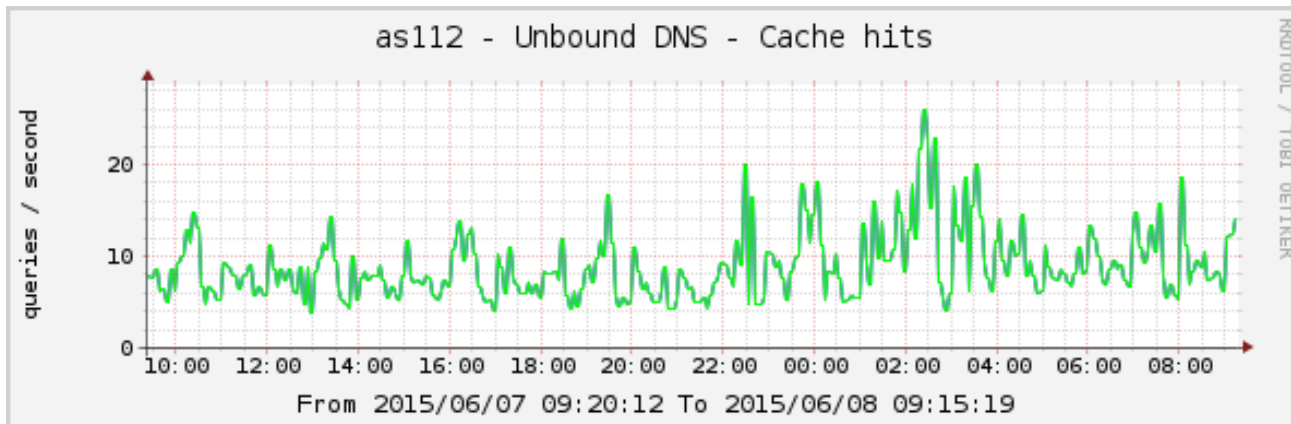
Last year:



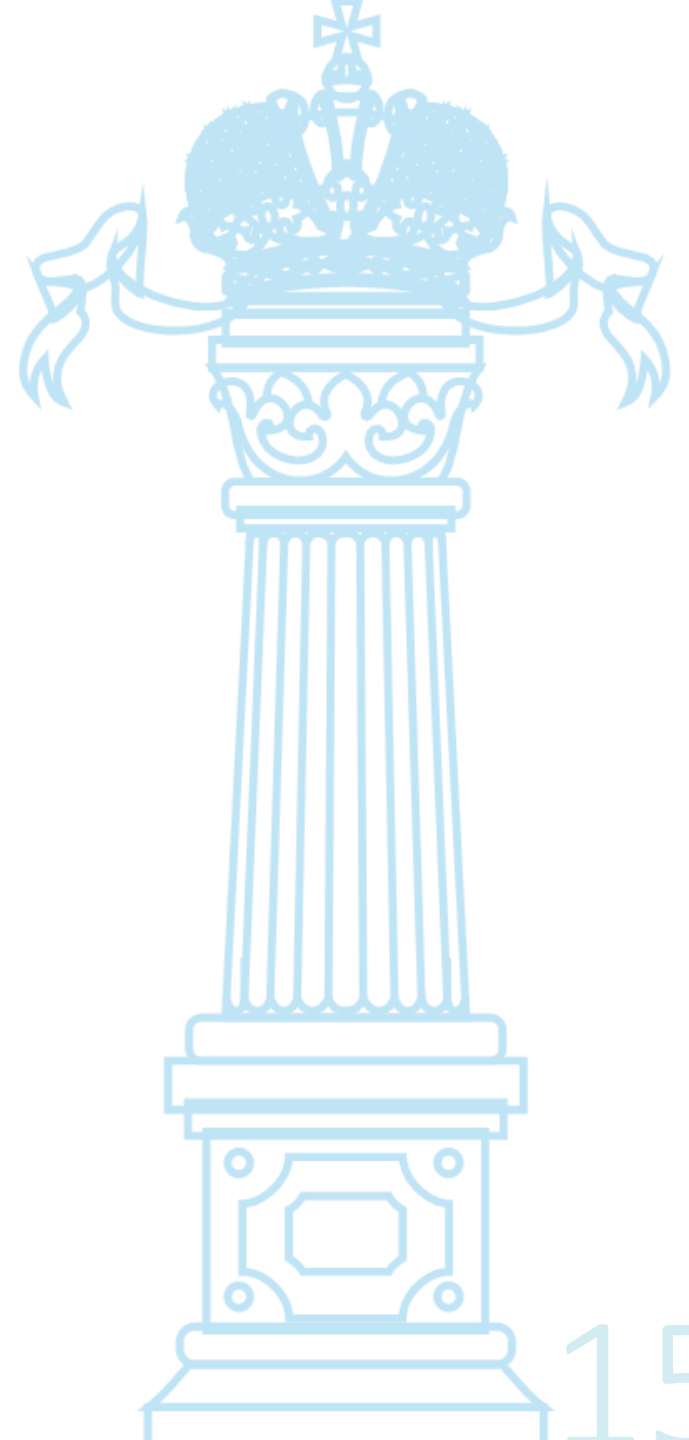
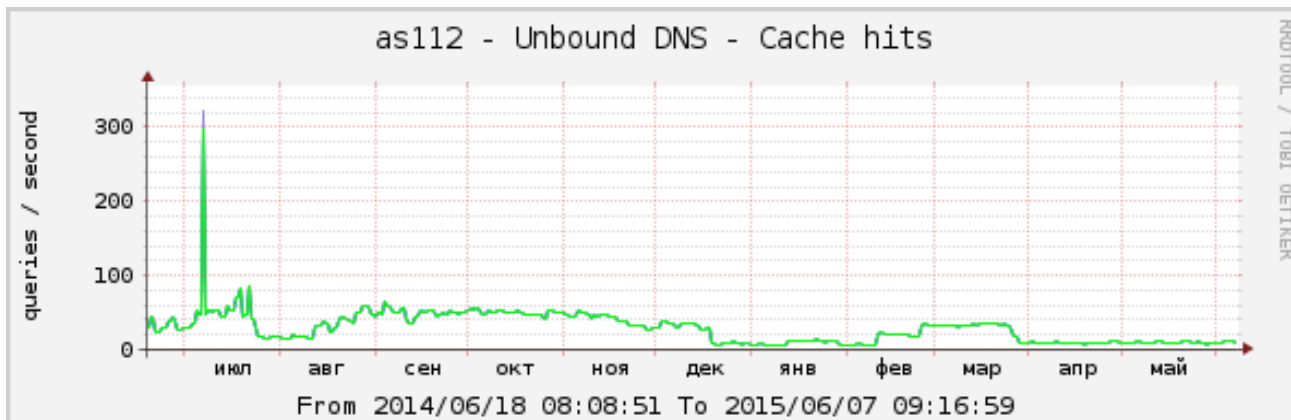
ULN-IX AS112 statistics

Up to 300 queries per second

Last day:

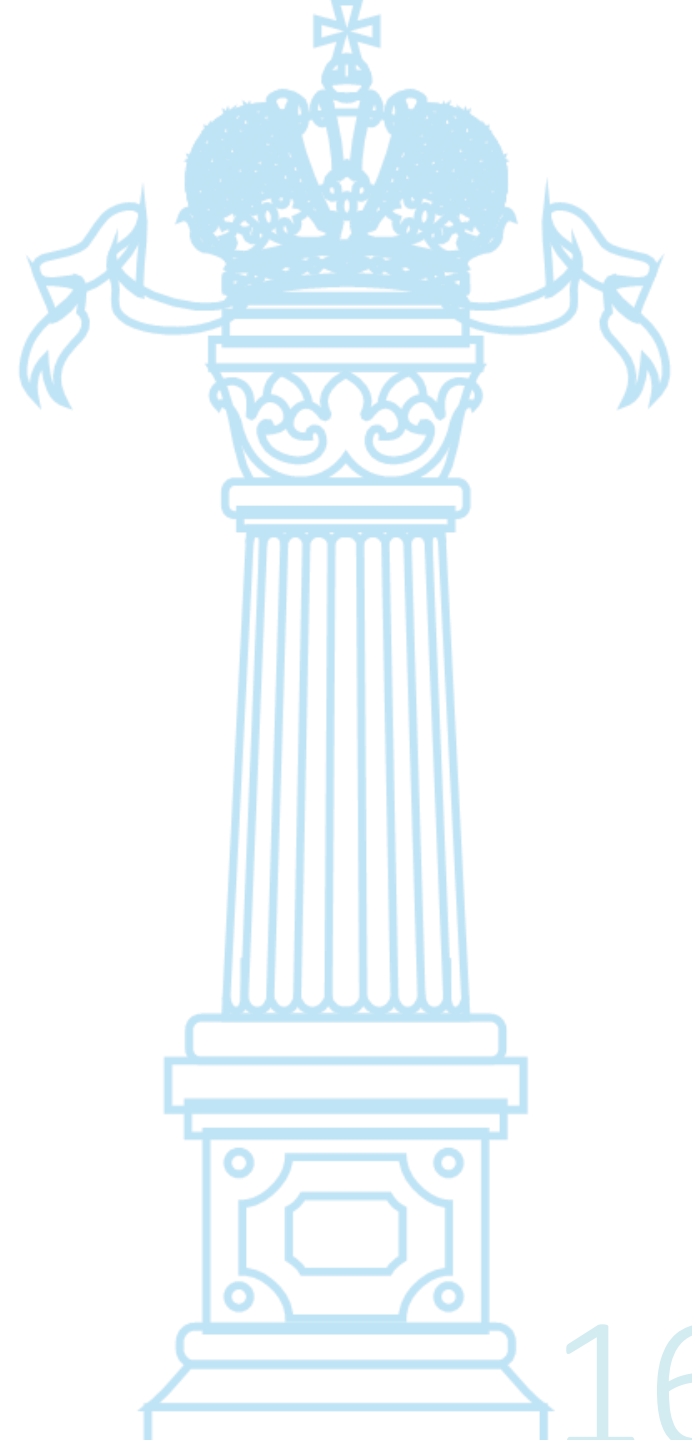


Last year:



ULN-IX network attributes

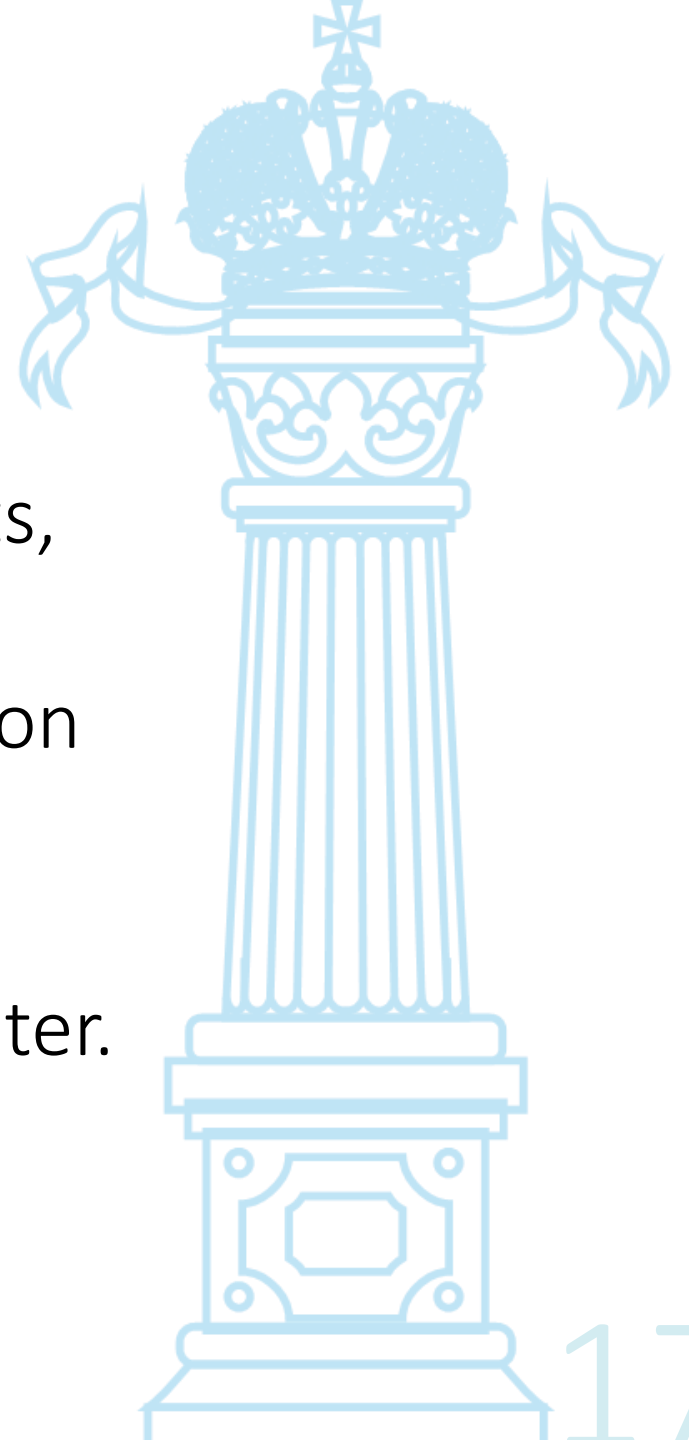
ASN: AS50125
as-set: AS-ULNIX
IPv4 subnet: 185.1.19.0/26
IPv6 subnet: 2001:7f8:7d::/64



ULN-IX plans

We are interested in attracting more participants, CDN's, the organization of local NTP Stratum 1, which will create a better environment interaction of people in the Volga region.

There is a place for **ten 19” racks** in our data center.



Welcome to the ULN-IX!

Address:

54, Lva Tolstogo str., Ulyanovsk, Russia

Administrative contacts:

adm@uln-ix.ru +78422248000

Technical contacts:

noc@uln-ix.ru +78422248108

Social networks:

@ulnix

