THE SUCCESS STORY OF IRNOG

THE SUCCESS STORY OF SETTING UP THE IRANIAN INTERNET NETWORK OPERATORS GROUP

NOGS MAP

WHO AM I ?

- Milad Afshari

- Enterprise Network Planning Manager @ MTN-Irancell (AS44244)

- Co-founder & PC member of IRNOG

- Former RIPE & MENOG PC member

- Scan the QR to reach my LinkedIn

WHAT IS A NOG?

- A NOG is a **N**etwork **O**perator **G**roup, and they come in many shapes and sizes. The basic idea is **to get network operators together to exchange experiences and learn from each other**.

- Whether this happens every two weeks in a bar or every year in a conference center doesn't really matter: all types of NOG are extremely valuable. They help raise the quality of the Internet by providing support and opportunities for network operators in their area.

*Thanks to **nogalliance.org** for the simple explanation!*

THE INTERNET COMMUNITY IN IRAN

- The local technical community in Iran was not organized in the form of a network operators forum or similar group before 2014.

- To provide a neutral platform for the community to come together, the RIPE NCC organized a **RIPE NCC Regional Meeting in Iran**, which was held on 18 November 2014

- Sometime after the regional meeting in Tehran, the RIPE NCC arranged a member lunch with Iranian LIRs, and this led to the creation of a **Persian-LIR mailing list in 2015**

- In **2016**, the meeting was held under the title "**Independent Event of Iranian LIRs**" and was attended by 60 RIPE NCC members; at the end, some active members got together to create a team to set up a local Network Operators Group called IRNOG.

- **MENOG17** was held in Muscat, Oman, on 18 and 19 April 2017, with the largest-ever Iranian participation at a MENOG event. MENOG17 provided an excellent chance for the Iranian participants to gain experience organizing a successful NOG.

THE FIRST IRNOG MEETING

■ After many calls, the IRNOG program committee decided to organize an event on 3 June 2017 with about 130 local participants. Many good talks were given on IPv6, IXP operations, DDoS mitigation, etc. Followed by many positive news articles, tweets, reports, and emails, IRNOG1 proved to be a very successful event in Iran.

   ■ Venue: **Tehran**

   ■ Number of registered participants: **< 200**

   ■ Number of checked-in participants: **130**

   ■ Duration: 1 day - Number of presentations: **6**

   ■ Number of sponsors: **3**

   ■ Read more on RIPE Labs (Scan the QR)

PC STRUCTURE

- After the first meeting, the PC decided to modify the structure based on the ideas and suggestions put forth by all members. Additionally, the PC decided to initiate a call for new volunteers to join as PC members.

- **First PC selection method:**

  - Online election platform (electionrunner.com)

  - Voting report:

    - Number of candidates: **10**

    - Number of votes: **144**

- **IRNOG Constitution**

  - Three working groups: **Technical, PR, and Event Planning**

  - Number of PC members: **9** (1 as a secretary)

  - Working language: **Farsi**

MEETINGS STATISTICS

IRNOG Meetings Growth
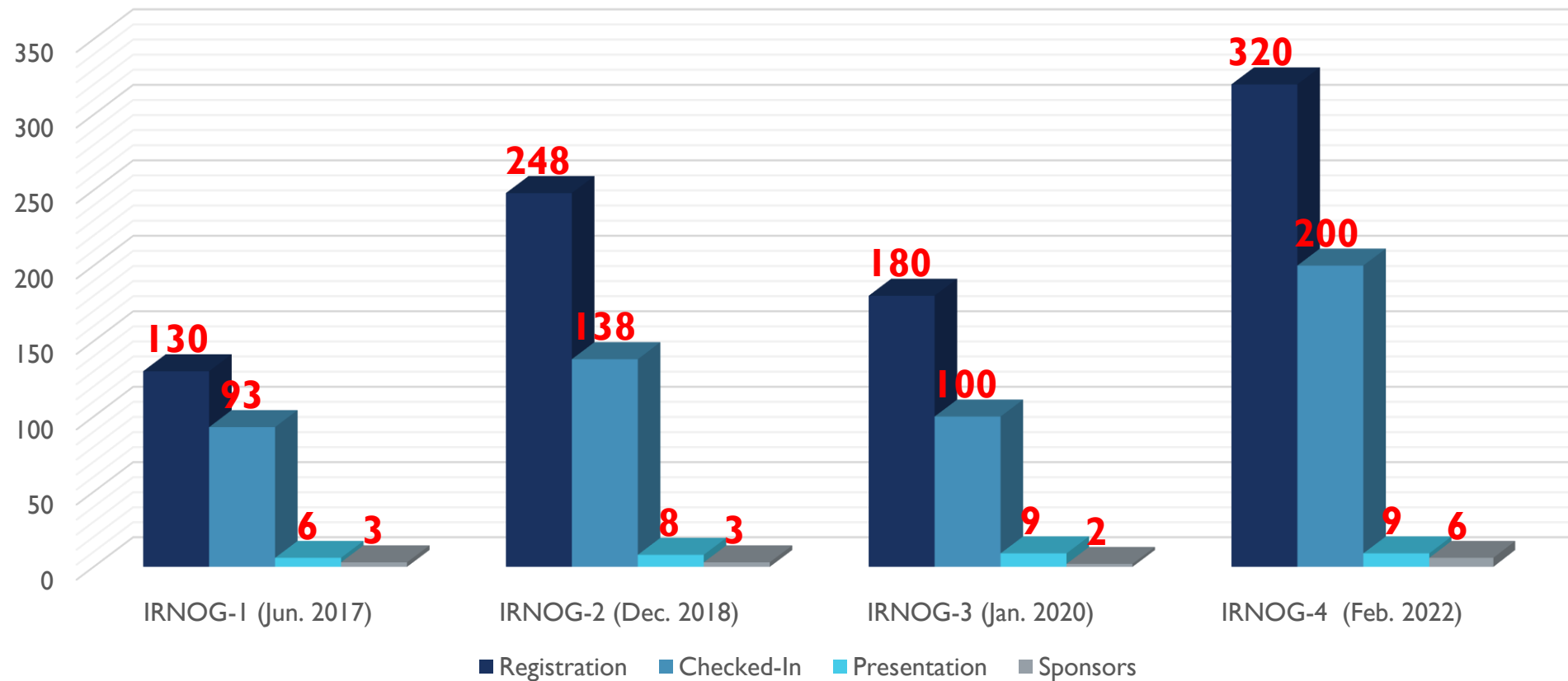
IRNOG-4 MEETING DURING COVID-19 PANDEMIC

- We decided attendees would be allowed to attend the meeting in person, under the requirement that everyone taking part would be required to comply with all relevant health protocols - e.g., social distancing, checking vaccination records, fever measuring, etc. Of course, many IRNOG members wanted to participate in the event remotely, so we also prepared to broadcast the event live online.

- IRNOG4 broke several records for previous IRNOG meetings in terms of:

  - **Number of participants: 200 In-person and many more online**

  - **Number of sponsors: 6 sponsors**

  - **Number of presentations: 9 presentations**

  - **Providing high-quality live streaming for remote participants**

  - **Possibility of presenting online**

  - **Having a connectivity sponsor for the first time**

  - **Read more on RIPE Labs (Scan the QR)**
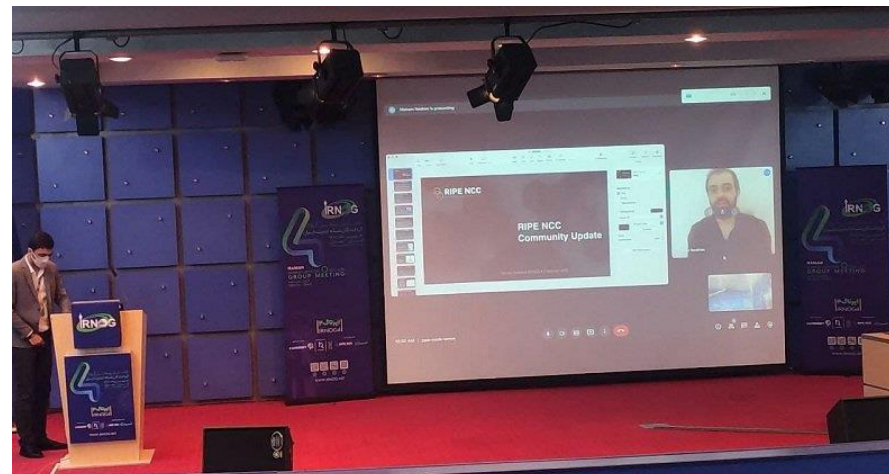
IRNOG MAIN GOALS

- Organizing at least one meeting per year

- Share news and updates regarding the Telecom/Internet Industry

- Exchange best practices

- Discuss new technologies or protocols

- Teach and learn from each other

- Discuss current network and Internet-related issues and challenges

- Informing the community about the recent updates of RIPE policies

- Encouraging members to participate in RIPE-related events, especially RIPE GMs

ACHIEVEMENTS

- **RIPE Atlas** probes and anchors growths in Iran

- Successful candidates increase in global community fellowship programs such as RIPE, MENOG, ISOC, ICANN, CAPIF, etc.

- Reduction of invalid **ROA** records among Iran's ASNs

- Organize free webinars and in-person training courses on various topics such as IPv6, RIPE Database, and RIPE Measurements Tools

- Providing a great communication channel for technical people of operators to solve their mutual issues on their network

- Motivating the ASNs to join the Tehran IXP

- Helping the members to participate in the **RIPE Academy** exams and getting certified

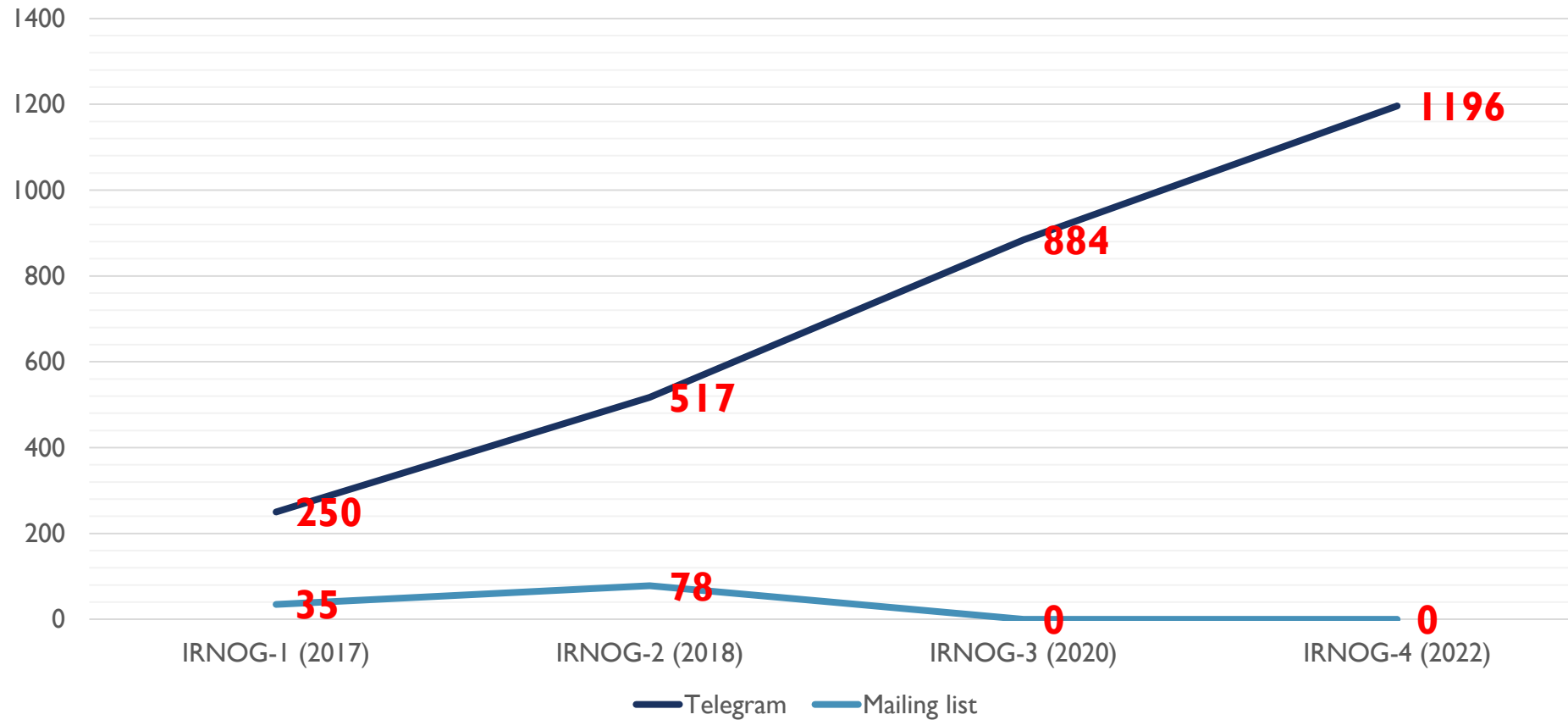- Increasing the number of **MANRS** participants from IR ASNs

CHALLENGES

- Members authentication

- No name IDs in the Telegram group

- Spam control in the Telegram group

- Meetings sponsors

- IRNOG constitution drawbacks

- PC elections

- etc.

IRNOG MEMBERS GROWTH

Members Growth

Telegram — Mailing list

FUTURE OUTLOOK

- Organizing the IRNOG-5 meeting

- Encouraging people to apply to be a PC member

- Working on a Code of Conduct document

- Aiming to increase the membership base by reaching out to more network operators, researchers, and related professionals

- Planning to organize more frequent and advanced technical workshops and conferences

Q/A ?

Reach me here: