

# Administration of .am national domain

*Anna Karakhanyan*  
**AMNIC**

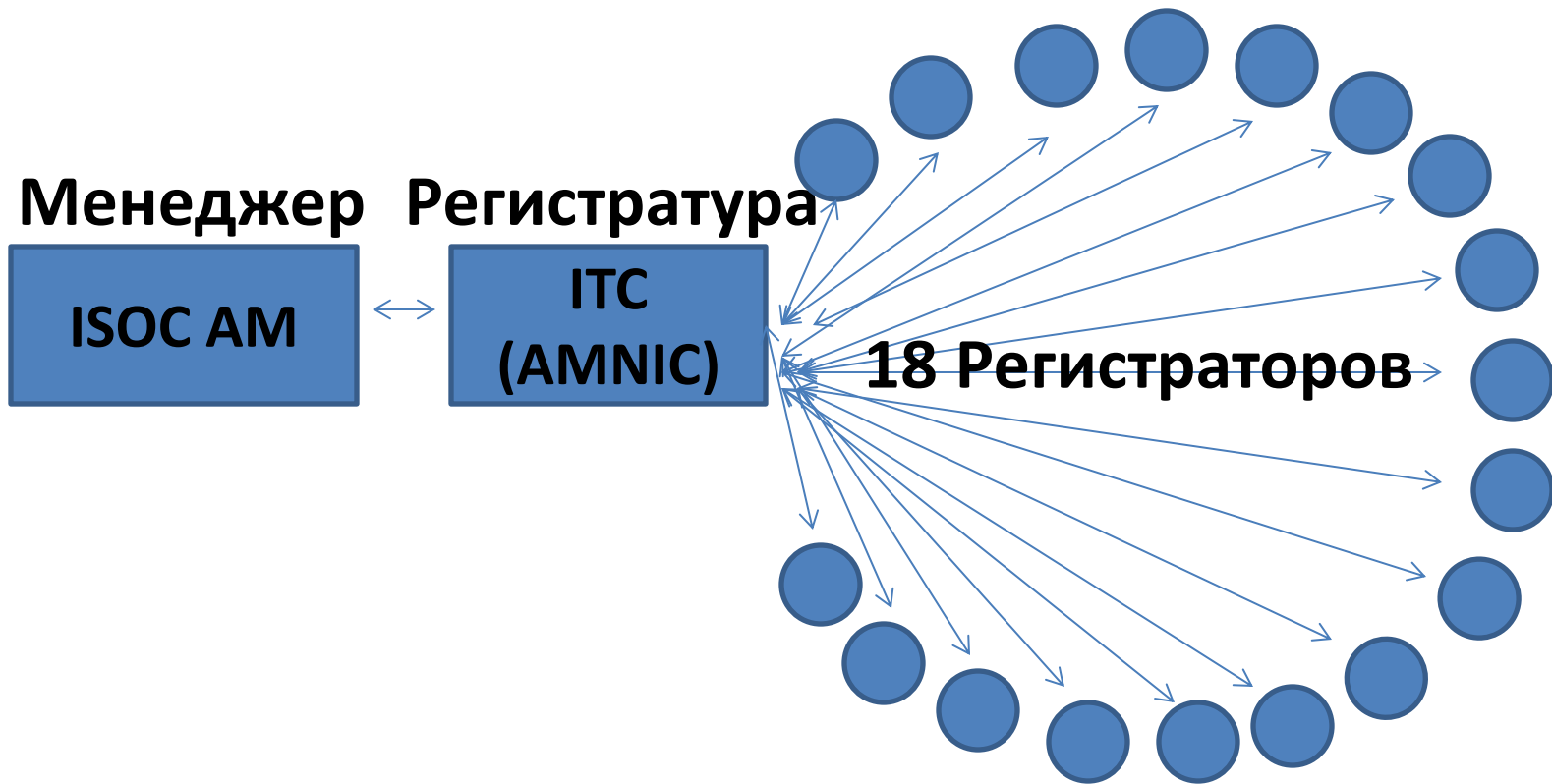
# AM REGISTRY

## AMNIC is an AM Registry



TLDCON-2015, Yerevan, Sept. 9 – 11, 2015

# Структура AM TLD

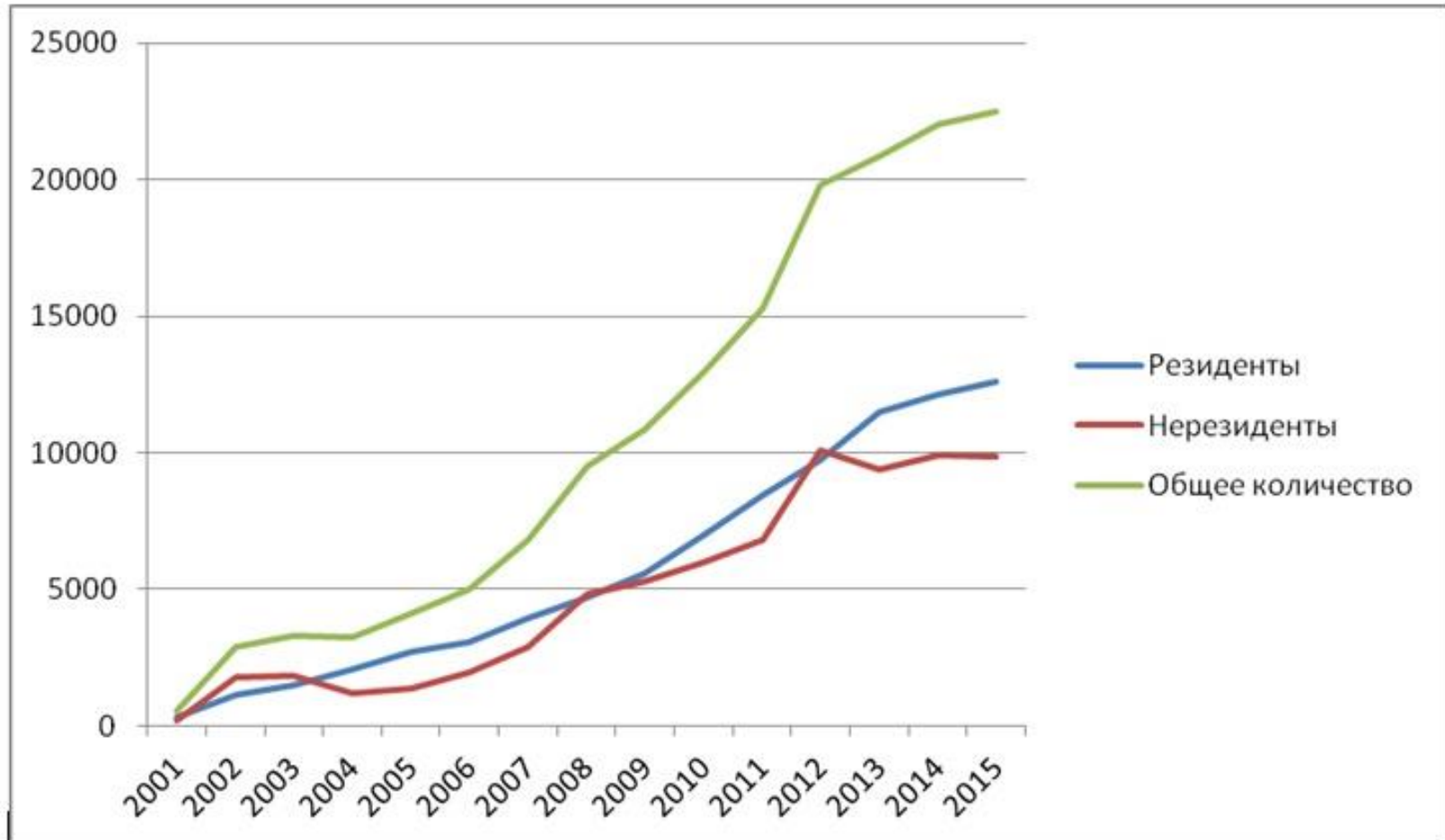


# 23202 records in .am domain database

Residents: 13037

Non-residents: 10165

31. August 2015



# Domain name registration

- AMNIC is a holder and manager of AM zone database
- Registrars are provided with special interface for management of their part of AM zone
- Non-residents are submitting an offering type of agreement
- Residents are signing either a paper contract and submit an offering type of agreement where extracts from the local laws are provided. The reason is to make sure that residents understand their responsibilities

# Dispute resolution

AMNIC relies on UDRP for dispute resolution decisions as well as decisions of local arbitration court.

By decision of WIPO domain names allianz.am and taobao.am were returned to trademark owner.

Domain name thepiratebay.am was suspended by decision of ISOC AM in accordance with the letter of Motion Pictures because of false registration data.

# Reliability of DNS service in Armenia

## *AMNIC activity*

- Two independent Internet connections
- Ongoing upgrade of servers
- Secondary DNS servers in NAS
- DNSSEC
- Community DNS anycast server's instance
- k.root anycast server's instance

## *Other companies' activity*

- i.root, j.root and l.root anycast servers' instances

# DNSSEC

- **DNSSEC - completed in July 2011.**
  - a. **all zones, except the .am itself, have been signed in July 2010:**
    - amnic.net**
    - c.1.2.0.c.7.6.0.1.0.0.2.ip6.arpa**
    - 74.43.195.in-addr.arpa**
    - 75.43.195.in-addr.arpa**
  - b. **.am zone has been signed in February 2011**
  - c. **Registrar interface has been updated to accept signatures in July 2011**
- **DNS updates - completed in November 2011.**

**Now DNS updates don't wait for manual approval, they're automatically processed and .am zone reloaded once a 5 minutes. This is a part of ongoing interface update.**



# DNSSEC

- **Registrar interface update - in process.**
  - **Many parts of interface have been rewritten, some are still waiting,**
  - **Improved security, operation convenience and adoption to the new hardware are in mind, when working on this project.**
- **Redundant DC setup has been setup.**
  - **Internet connectivity is now redundant, but will be improved more.**
  - **All public services including DNS, whois and web are now fully redundant.**
  - **Database read access is redundant, write access redundancy isn't planned - needs manual switchover.**
- **Everything above said about .am is valid for .hwj**

# ARM-IX

ISOC is a co-founder of ARM-IX.

This improves connectivity of AMTLD infrastructure with Armenian ISPs.

# Armenian IDN ccTLD



**June 25, 2015. Buenos Aires, Argentina.** ISOC AM president I.Mkrtumyan on behalf of ISOC AM signed with ICANN an Accountability Framework agreement on .AM domain and letters of exchange on .huj domain. On behalf of ICANN the documents were signed by ICANN CEO Fadi Chehade.

# Armenian IDN ccTLD

The use of ".hայ" domain name will stimulate the use of the Armenian keyboard in the Diaspora, to input Armenian fonts in modern mobile devices. It will enable to develop the knowledge of Armenian in the internet.

# Armenian IDN ccTLD history

- **November 20, 2014. ICANN, USA.** The Armenian IDN ccTLD domain (.հայ) was approved by ICANN.
- **November 21, 2014. Yerevan, Armenia.** The announcement about Armenian IDN ccTLD domain (.հայ) approval was published on the government site.
- **December 12, 2014. IANA, USA.** ISOC AM applied to IANA with a request of delegation of rights of management of the IDN ccTLD domain (.հայ) to ISOC AM.
- **December 17, 2014. IANA, USA.** ISOC AM submitted an application for the delegation of the .xn--y9a3aq.
- **February 3, 2015. ICANN, USA.** Generation Panel for the Armenian Script Root Zone Label Generation Rules (LGR) is established.

# Armenian IDN ccTLD history



- **February 11, 2015, ICANN52, Singapore.** Armenian Generation Panel members made a remote presentation “Update on Armenian GP” at the ICANN52 IDN Root Zone LGR Workshop.
- **April 29, 2015. ICANN, USA.** ICANN Board of Directors passed a resolution supporting the request to delegate the .xn--y9a3aq (.hwj) domain to Internet Society (Armenia).
- **June 24, 2015. Buenos Aires, Argentina.** ISOC AM president I.Mkrtumyan on behalf of Armenian Generation Panel presented an update on Armenian GP

**Thank you!**

# **Anna Karakhanyan**

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