



MINISTRY OF INFORMATION AND COMMUNICATIONS
VIETNAM INTERNET NETWORK INFORMATION CENTER

VNNIC UPDATE

Presented by : An Nguyen

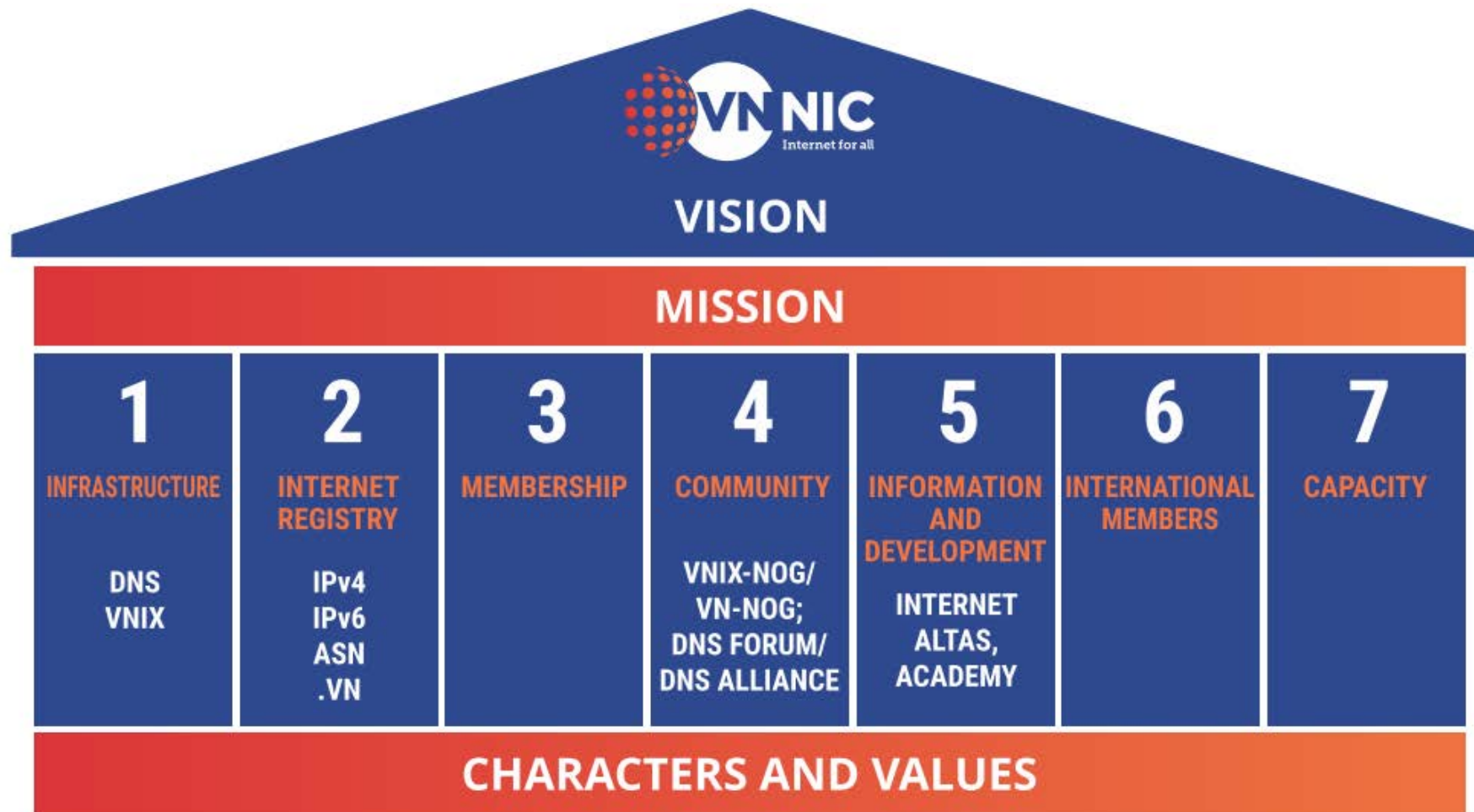
Vietnam Internet Network Information Center (VNNIC)

Email: annp@vnnic.vn



VNNIC's Vision

VISION AND MISSION



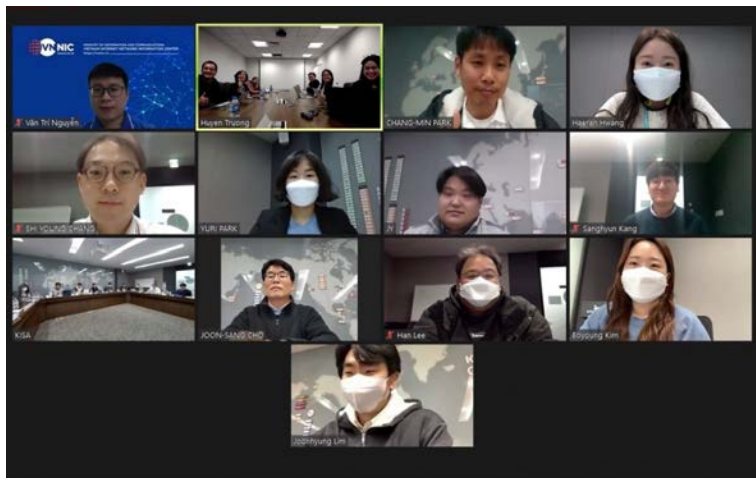


- Supporting Vietnam Internet Community with more activities
- Coordinating with other authorities to ensure the safety and stability of the Vietnam Internet

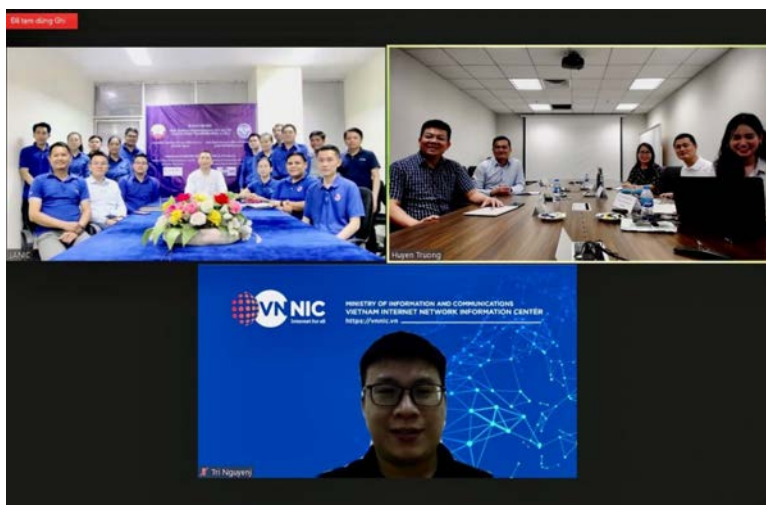
=> Internet for all

Activities and Statistics

VNNIC and KISA met up online

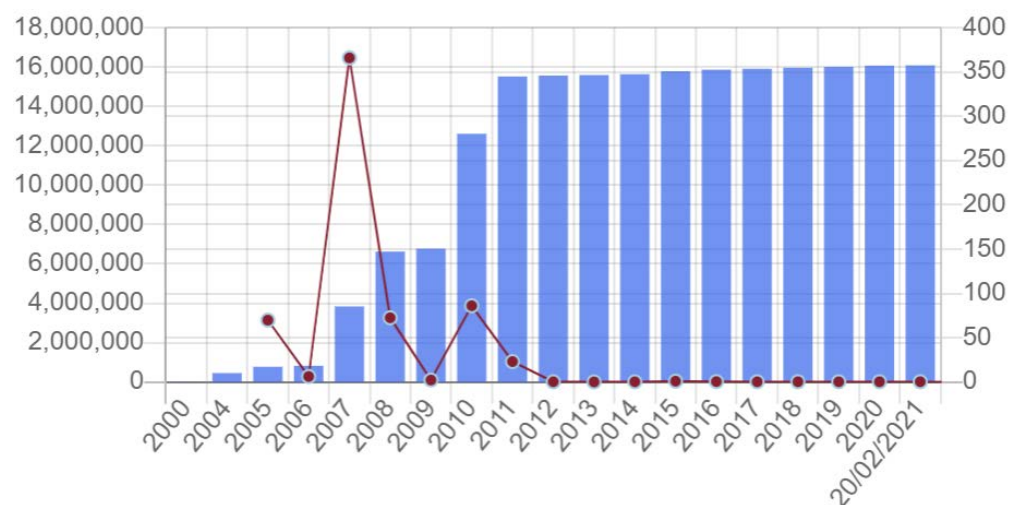


With the aim to share information and experiences in Internet resources management and development, Vietnam Internet Network Information Center (VNNIC) and Korea Internet and Security Agency (KISA) held a bilateral meeting on August 2019

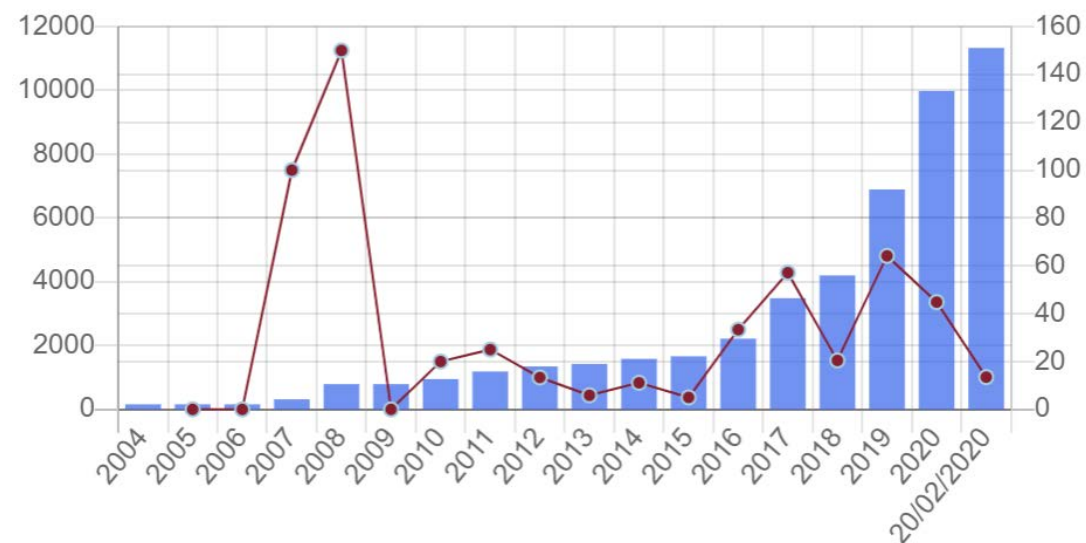


The workshop was designed to support LANIC on focused issues and important tasks: to develop and issue IPv6 Master Plan in Laos in 2021; to deploy DNSSEC for .LA third level domain and to develop management policies on National Internet Exchange in Laos.

Number of IPv4 Addresses in Vietnam



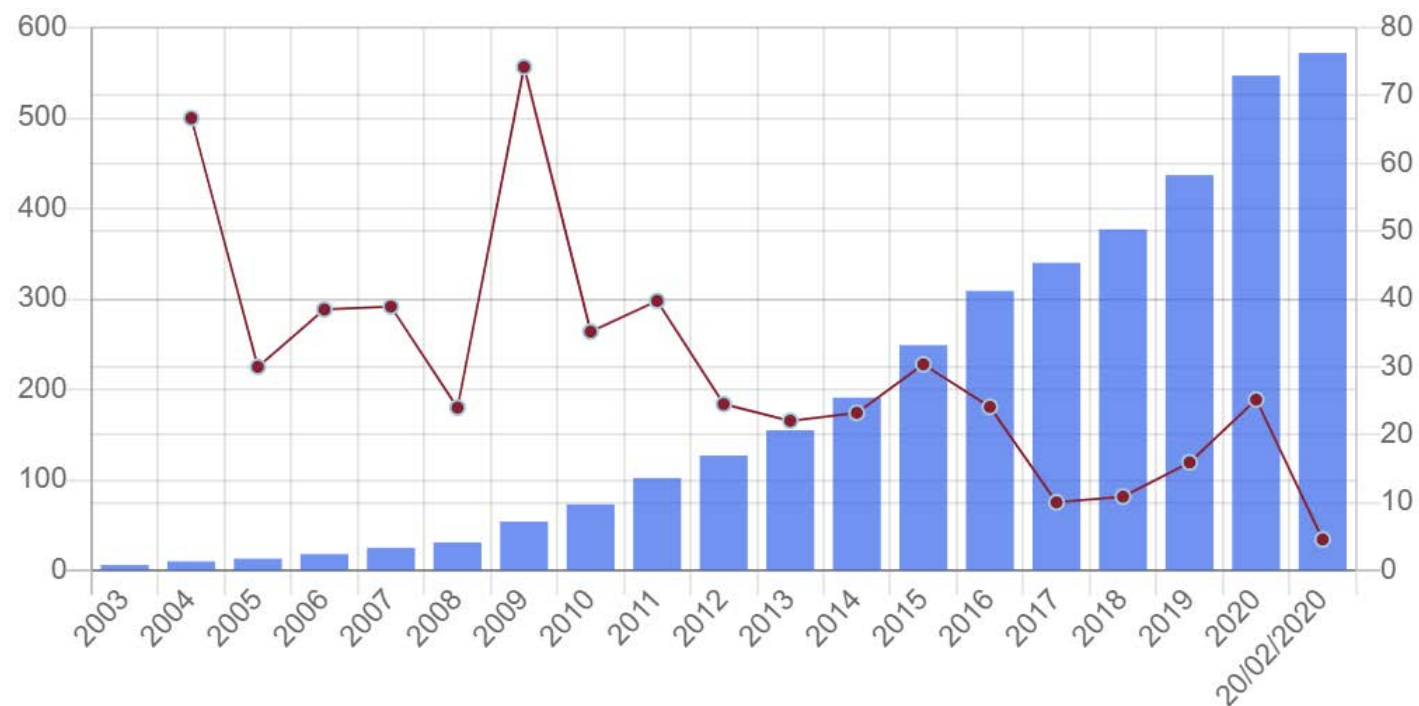
Number of IPv6 Addresses in Vietnam



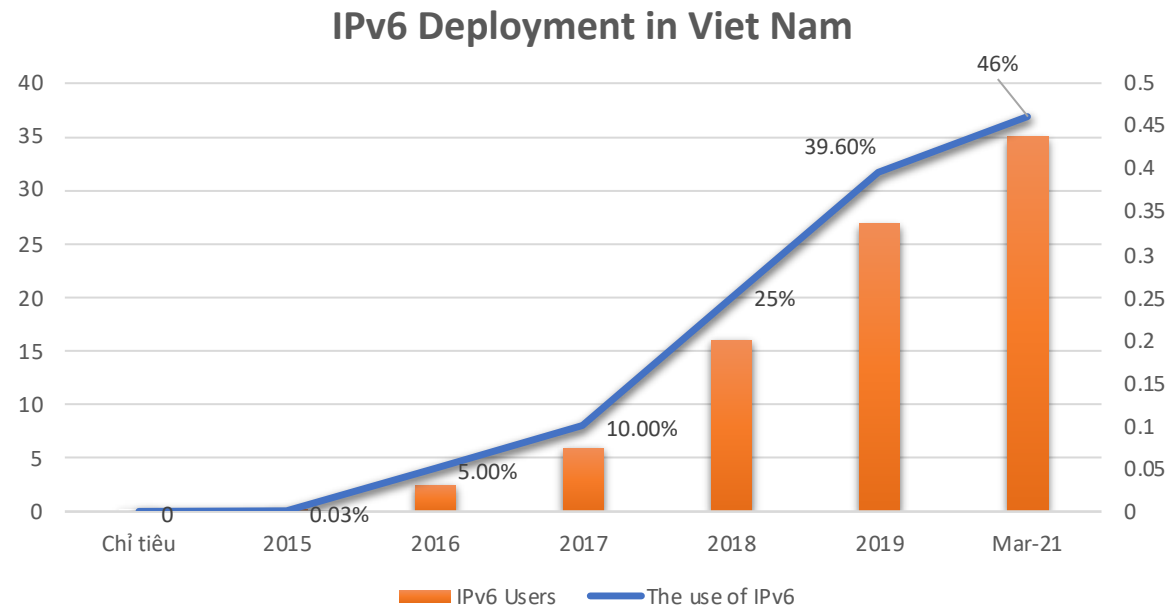
IPv4 addresses: > 16 millions IP addresses

IPv6 addresses: > 148 block /48

Number of IP Members in Vietnam



- **546 IP members**
- **200% - The growth rate of IP members in 2020**



- IPv6 accounted for 46% (March 2021)
- Number of IPv6 Internet users (million people) : 35

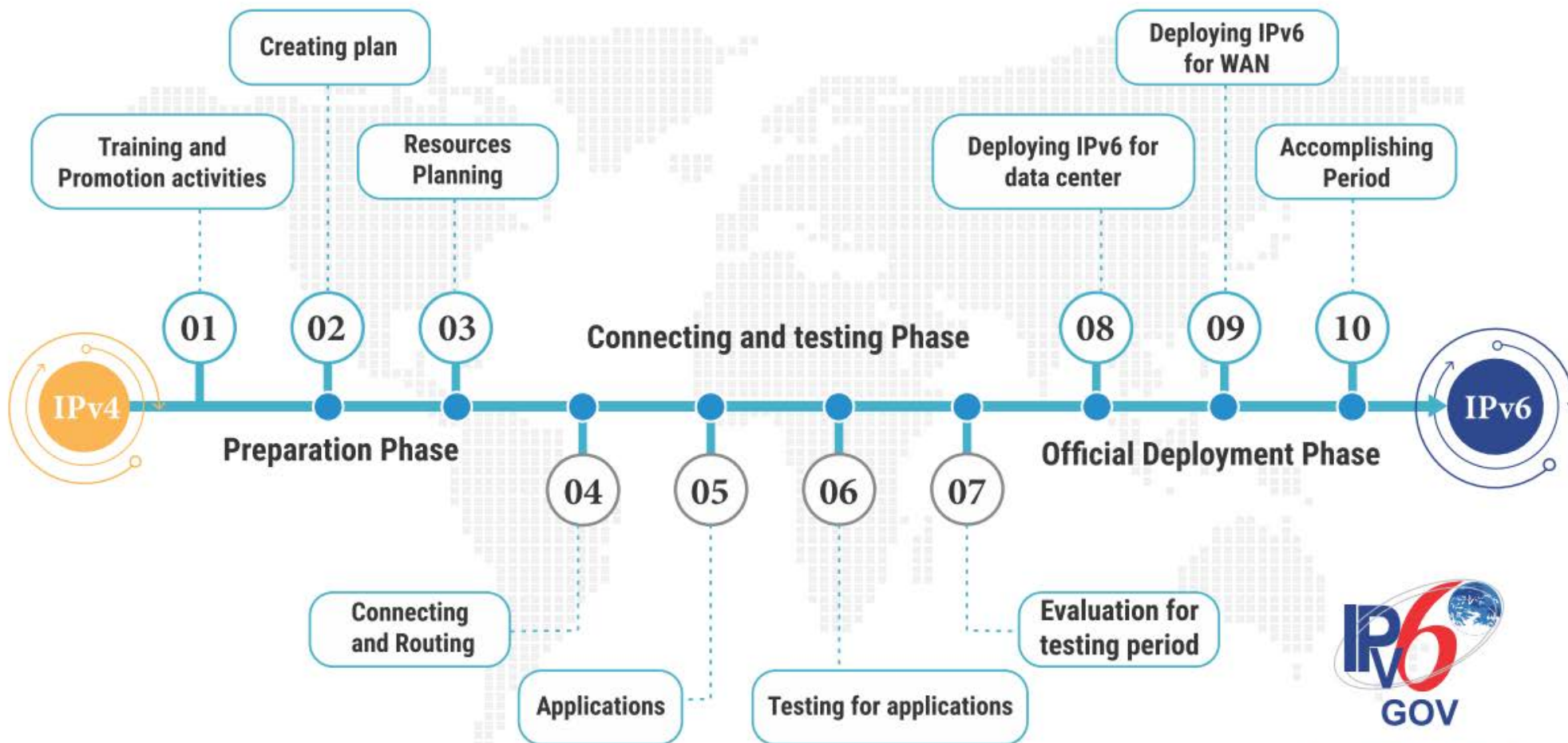
VietNam Launched IPv6 For Gov Progam (2021-2025)



- The Decision **No. 38/QĐ-BTTTT** dated 14th January 2021 of Ministry of Information and Communications
- 02 stages:
 - 2021 - 2022
 - 2023 - 2025
- Targets: Supporting Government agencies to deploy IPv6 and build their own networks.

10 steps for IPv6 deployment in government agencies

10 steps for IPv6 deployment in government agencies



<https://www.vnnic.vn/ipv6/>

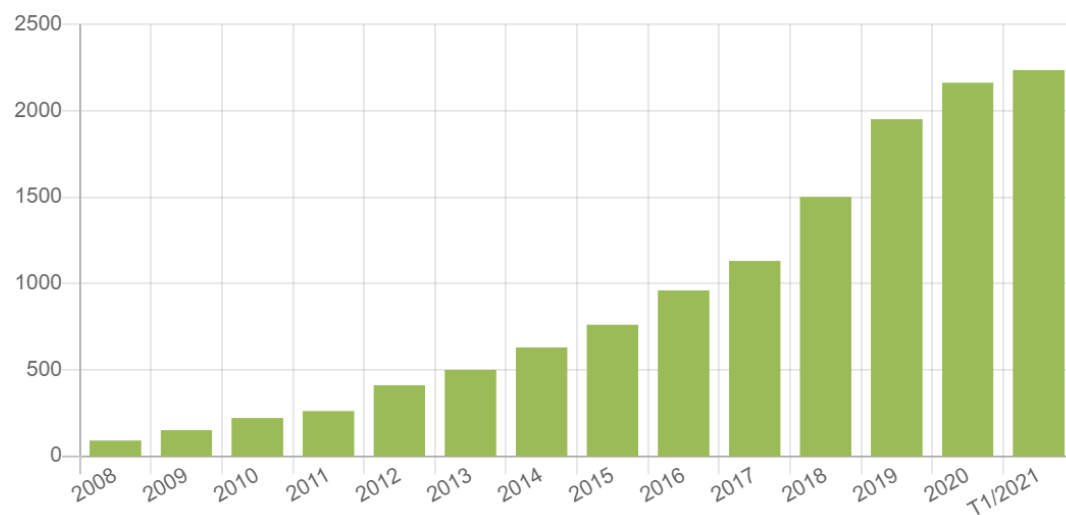
**Support
and
promote
Government
agencies
registering
IP/ASN and
planning IP
addresses**



**Training: 2235 attendees were
trained IPv6 technology.**

**Support
Government
Agencies
during IPv6
transition
progress**

Number of attendees were trained IPv6 technology



- **VNNIC organized 7 training courses for IPv6 last year**
- **2235 attendees were trained IPv6 technology**



- VNNIC strengthens cooperation with agencies in the provinces (Thai Binh, Hau Giang)
- VNNIC deployed IPv6 for gov and achieved good results. 34/63 provinces and cities have plans to deploy IPv6.

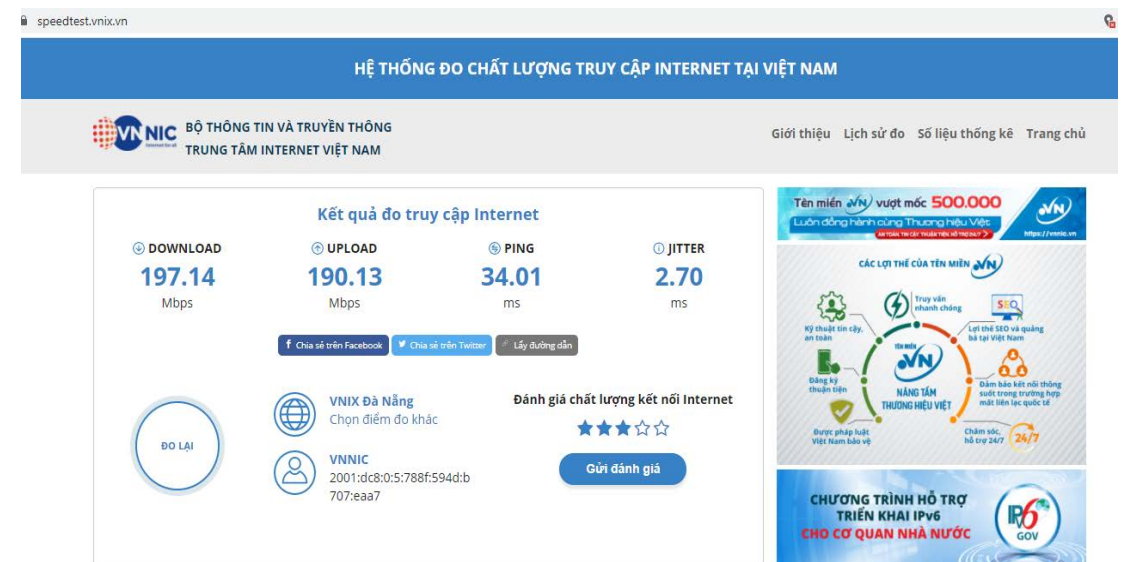
VNNIC Internet Academy (Launched in October 2020)



VNNIC Internet Academy

<https://academy.vnnic.vn>

VNIX Speedtest



<https://speedtest.vnix.vn>

Upcoming Plans/Activities

Upcoming Plans/Activities

(1) Registry data management

- Creating all Org Objects and IRT Objects for almost members
- Finishing: 6/2021

(2) Technical System:

- To build on NIR system (NIR API, RPKI, RDAP, Whois, IRR), communicating with APNIC API (Registry API, rDNS API).

(3) Promoting RPKI/ROA Deployment

- Encouraging VNNIC members create ROA when they have Route Objects.
- Encouraging big ISPs to deploy RPKI within their networks.

(4) Policy:

- Review all of the Vietnamese policy (including: Laws, Decrees, Circulars)
- Change the Number Resource Management Policies
- Support much more Vietnam Internet Community.

(5) International cooperation:

- VNNIC looks forward to having the close cooperation with APNIC and all NIRs in 2021.
- Bilateral Meetings, MoU



ELEVATING VIETNAMESE BRANDS



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Thank you !