# CCAOI ™

### Representing the ecosystem of Internet -Bharat Model

| CCAOI Newsletter | April, 2017 |
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## April 2017 At a Glance

eCommerce, digital trade, privacy, security and net neutrality, were some of the main discussion topics during the month of April  This month witnessed the G20 Digital Economy Ministerial Conference, eCommerce week organized by UNCTAD, and the first school of Internet Governance in Afghanistan (afSIG 2017). Restoration of internet in parts of Cameroon after 93 days and Microsoft announcing  three documents to shape the proposal of the Geneva Digital Convention, were other significant news.

From the Indian perspective, the Indian telecom subscriber base rose to 1.18 billion. Access, digital payment, privacy and security, especially related to Aadhar data, internet shut down, net neutrality, job losses of IT professionals were the ot topics.  This month also witnessed the submissions to the TRAI consultation paper on net neutrality; release of the index to internet readiness of Indian states;  the Ministry of Electronics and IT (MeitY), Government of India inviting applications for Empanelment of Cloud Service Offerings of Cloud Service Providers (CSPs) before 31 May, 2017. Further to to prevent the distribution and transmission of online Child Sexual Abuse Materials (CSAM) into India MeiTY  issued an order to ISP's to adopt and implement IWF resources.

## National  Seminar on Internet Governance

Vivekananda International Foundation (VIF) organized a national seminar on Internet Governance between 25 - 26 April. It was attended by  Shri Ravi Shankar Prasad, Hon'ble Minister of Information Technology (IT), Electronics, and Law & Justice, Government of India, Ms. Aruna Sundararajan, Secretary, Ministry of Electronics and Information Technology (MEITY), Dr. Gulshan Rai, National Cyber Security Coordinator (NCSC) , NSCS and Dr. V K Saraswat, Member NITI Ayog, along with heads of IT companies, techno-legal experts, and members of academia, think tanks and the civil society.

## Internet Society Updates

- During the G20 discussion wrap up at Dsseldorf, Ms Kathy Brown, CEO Internet Society called for stronger encryption terming it 'the key to future digital economy'. The  Digital Economy Declaration, adopted at this meeting  outlined  a path for a strong digital future.

- The 2017 election results to the **Internet Society Board of Trustees were announced**. Glenn McKnight has been elected to the board by the Chapter delegates. The re-elected trustees are Hans Peter Dittler by Chapter delegates and  Hiroshi Esaki  by Organizational Members.  Additionally,  Sean Turner has been selected by the Internet Architecture Board (IAB) and  confirmed by the IETF  to serve a second three year term as Internet Society trustee.  The trustees will be serving for a period of three years.

- Internet Society APAC has released their **annual report** " 2016 APAC The year that was", on the initiatives and activities undertaken by  the Asia-Pacific Bureau in 2016.  The report highlights, rise of the digital economy, especially eCommerce; push towards e-Entreprenuership;   recognition of governments across the region of the advent of new business models and its impact on socio-economic

growth; increase in cyber attacks and growing concern for cyber security and data protection as some of the growing trends of the region.

- Members of **Internet Society India, Delhi Chapter** met Ram Mohan, Board member, ICANN and Samiran Gupta, Head of India ICANN on 5 April, 2017. The discussion was over the importance of multi stakeholder model of decision making in Internet Governances and the continued participation by all stakeholders in the process.



Picture: Delhi Chapter interaction with Ram Mohan, ICANN Board member

- Internet Society Pakistan, conducted and IETF outreach workshop on IPv6 deployment, at the City University, Peshawar on 12 April, 2017.

**Upcoming Event**

- The Internet Society is celebrating its **25th Anniversary** this year and plans to commemorate this milestone, with several programs including **InterCommunity 2017** across chapters, on 19 September, for community dialogue on topics from the Internet Futures; brand **new Identity Toolkit** for Chapters, the **25 under 25 program; round table series** etc.

- Internet Society with Chatham House, is holding a special event entitled "**A Brave New World: How does the Internet impact societies**", on May 11, at 12:30 BST at the Chatham House building in London, UK. Stakeholders will come together to discuss some of the most challenging questions relating to the impact of the Internet on society: will the Internet of the future be a force for social cohesion or will it contribute to the fragmentation of the public sphere? The first session will be held on the record and video-streamed in front of an audience. The second will be a follow up of the first session and will be held under the Chatham House rule. For ore information visit here.

- Internet Society India, **Delhi Chapter will be holding a meeting on 12 May,** 2017, 3:30pm to 5 pm, at Aircell, A-44, Mathura Road, Mohan Cooperative Industrial Estate, Adjacent to Mohan Estate metro station, Delhi.

## ICANN Updates

The **ICANN History Project,** which explores the key events in ICANN's growth from its birth to its current day status is now **live**.

Other, key initiatives and developments related to ICANN from the month of April include,

**Reports released:**

- ICANN published the results of **ICANN58 survey**, whose results are based on the ratings provided by ICANN58 participants on the  sessions, facilities, networking opportunities and format of the meeting; and the **ICANN58 Numbers Report** that details the technical, demographic and attendance statistics.

**ICANN Accountability related:**

- Independent Assessor Cameron  Ralph LLC along with the Cross Community working group on ICANN Accountability, workstream two (CCWG Accountability WS2)  Ombudsman  sub group has initiated a survey to **collect public opinions of the Ombudsman office**.

- ICANN seeks **comments on the Recommendations drafted** by the Cross Community Working Group Accountability Work Stream 2 (CCWG Accountability WS2) **for improving the Supporting Organizations and Advisory Committee (SO/AC) Accountability**. Mandated by the ICANN Bylaws and CCWG Accountability WS1 report, the sub group on SO/AC Accountability  sought comments from the various SO and ACs to draft the recommendations. The last date to submit comments is 26 May, 2017.

- ICANN is seeking volunteers for the **third review of ICANN Accountability and Transparency** till 2 June, 2017.

**Policy related:**

- The **ccNSO Review has been deferred** by 12 months, in response to community concerns about bandwidth. It is expected that ccNSO will utilize this time to conduct an evaluation of the implementation status of the recommendations that arose from the previous Review.

- ICANN has **updated the  procedure to handle Whois Conflicts with privacy laws**. The WHOIS Procedure has been revised to incorporate an alternative trigger whereby a  registry operator or ICANN-accredited registrar may now also invoke the WHOIS Procedure by providing ICANN with a written statement from the applicable government agency responsible for enforcing its data privacy laws and indicating that a WHOIS obligation in an ICANN contract conflicts with such applicable national law. This modification is based on the community input along with the work of an Implementation Advisory Group (IAG),  tasked with reviewing possible changes to the WHOIS Procedure and providing the Generic Names Supporting Organization (GNSO) with recommendations to facilitate resolution of issues where WHOIS requirements conflict with applicable laws.

- ICANN is seeking  for **public comments**  by 30 May, 2017, to  the **proposed agreement for renewal of the 2011 Registry Agreement for .NET** set to expire on 30 June 2017.

- **Extension of Public comment period for the   GNSO Community Comment** (C2) on new gTLD subsequent procedures policy development process to 22 May, 2017.

**Capacity building & outreach related:**

- Fifteen students from various African universities have been selected as **NextGen@ICANN59** along with five program ambassadors to attend ICANN 59 at Johannesburg, South Africa.

- ICANN in cooperation with the ICANN Governmental Advisory Committee (GAC) Under-served Regions Working Group held the **first capacity development workshop "Harnessing the Potential of the Pacific GAC Representatives for Better Participation in ICANN", for Pacific GAC** members and representatives from 28 – 29 April 2017 in Nadi, Fiji.  The objective of this workshop was to raise awareness and assist in building capacity of Pacific GAC representatives and governments on ways  to effectively participate and contribute to policy making at ICANN. It is supported by the Fiji Government's Department of Communications.

- GNSO  held **a webinar on geographic names at the Top Leve**l on 25 April, 2017.

- International Institute of Information Technology, Bangalore (IIIT-B), along with ICANN organized an **ICANN 58  read out session in Bangalore**, India on 21 April, 2017.

**Upcoming events:**

- **ICANN board to hold two open sessions, during the Geneva workshop** for outreach. The first would be on 6 May, on Marketplace Dynamics Session I: Registries and Registrars and  the second is on 7 May on Internet Governance Engagement Strategy with a Focus on the Internet Governance Forums (IGFs): Proposal to the Board.

- The **APAC Space web conference** will be held on Thursday, 18 May 2017, 03:00 (UTC) / 11:00 (SGT).

<div align="center">**APNIC  Highlights**</div>

Few APNIC related initiatives have been highlighted in this section.

- The **first neutral Internet Exchange Point – PNG-IXP** has been soft launched on 5 Apil, 217 in Papua New Guinea. Hosted by PNG's telecommunication regulator, the National Information and Communications Technology Authority (NICTA), the new IXP is expected to reduce delay and operational costs associated with routing, local traffic via international links, improving the quality of connectivity and service. APNIC's training team in conjunction with the Internet Society (ISOC) had also organized an IX-focused workshop to build capacity among the team implementing and managing the IXP.

- APNIC Academy has launched an online learning portal for building knowledge and skills of network operators, managers, educators, and regulators by helping them understand and manage Internet resources and use appropriate Internet technologies and techniques. The first course available is 'Introduction to Cybersecurity', with more courses on the way – including Internet Resource Management and IPv4/IPv6 routing. The courses are free of cost and need registration.

- The upcoming APNIC courses can be viewed from this link

- **APNIC invites papers from the technical community**  of the APAC region, for sharing presentations relevant to Internet operations and technologies, on topics such as  IP core network routing, switching and operations; Software defined networking, network automation and network function virtualization; IPv6 deployment and transition technologies; Network security issues (NSP-SEC, DDoS, Anti-Spam, Anti-Malware)  and  BCPs;  IXPs  and  Peering;  Smart  Cities  network  architecture,  security,  and

addressing; Research on Internet operations and deployment. Last date for submission is 14 July, 2017. For more details visit this link.
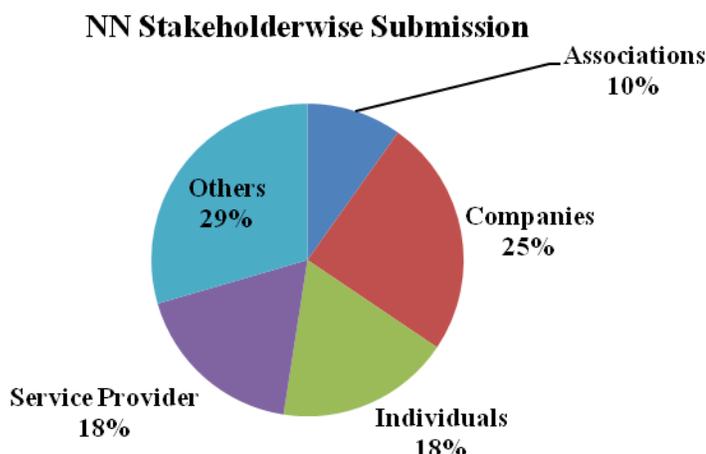
- **APNIC provides fellowships** to ICT professionals and students in developing economies to attend and participate in APNIC conferences. Fellows will have the opportunity to learn from Internet experts, build their network of contacts, and play a part in shaping how APNIC manages resources through the APNIC Policy Development Process (PDP). The next fellowship round would open on 22 May, 2017. for more details on the fellowship visit this link.

- APNIC will deliver a three-day **Internet Resource Management and Network Security workshop** from 24 to 26 July 2017, in Honiara, Solomon Islands. Registration for event ends on 3 July, 2017.

## TRAI Updates

This month marked by the submission of responses to the consultation papers: Ease of Doing Telecom Business in India, Net Neutrality (NN), Approach towards Sustainable Telecommunications and Regulatory Principles of Tariff Assessment; release of the Pre-Consultation Paper on Ease of Doing Business in Broadcasting Sector ; and two open house discussions: 1) OHD on Consultation Paper on Issues related to closure of Access Services Division: Network, Spectrum and Licensing, on 28 April in Bangalore and 2) an OHD on Consultation Paper on Spectrum, Roaming and QoS related requirements in Machine-to-Machine (M2M) Communications' Division: Network, Spectrum and Licensing on 7 May in Delhi.

**Net Neutrality (NN) submission overview**

There were 61 submissions to the Net Neutrality consultation paper, the stakeholder wise break up can be viewed from the following chart. Positions of few stakeholder on some aspects have been shared below.



**NN Stakeholderwise Submission**
- Associations 10%
- Companies 25%
- Individuals 18%
- Service Provider 18%
- Others 29%

In their submissions, COAI, the body representing most of the telecom providers and ISPAI representing the ISPs suggested that NN principles should be made applicable to all stakeholders operating in the Internet ecosystem and not restricted to only TSPS and adoption of the policy of 'same service, same rules'. Further COAI urges the regulator to adopt a holistic approach. Nasscom,the body representing the IT sector, submitted that TSPs should not have the discretion to censor or block access to any legal content, applications, services, or non-harmful devices or determine how users use the internet; nor should they have the right to speed-up / favour lawful internet traffic over other lawful traffic in exchange for consideration of any kind. Motion Picture Distribution Association (MPA) suggested market forces should be allowed to devise appropriate and acceptable business models and TSPs should not be allowed to manage or throttle content delivery services.

On the question whether enterprise services, emergency services and specialized services should be exempted, most telecom providers and ISPs have suggested that enterprise services, IoT and specialized services should be exempt from from Net Neutrality requirements. However the type of specialized services which should be exempted vary amongst a few operators and associations.Think Tank, CIS suggests that specialised services should be exempted, provided they meet a list of criteria mentioned by them. IAMAI which represents the content providers opined that specialized services should be exempt from NN but not IoT. Nasscom supports prioritization of Emergency or any other services as prescribed by the regulator accompanied by public declaration and without price discrimination. MDA supports exception to NN policy of non-discrimination in emergency situations or when combatting unlawful content to ensure that the Internet remains a safe and secure environment. Internet Freedom Foundation suggests that traffic that is entirely over private networks should be exempt from these regulations. About specialised services they suggest that public resources such as spectrum and right-of-way should only be utilised for providing the public with access to open and public communication media, and should not permit any proprietary specialised services to be provided over public resources. On the question of enterprise solutions, they state that NN regulation should prevent discrimination between different types of content or applications, but not discrimination between classes of users on different tariff plans. However, net neutrality rules — non-discrimination between applications by the ISP should apply to all Internet traffic, including "enterprise" traffic. Enterprises that need discriminatory QoS may do so with on-premise equipment (outside the licensed ISP's network), or with a user-controlled QoS systems or specialised service offerings which do not seek to utilise public internet routing These restrictions are necessary to prevent TSPs from using "enterprise plans" and "specialized services" as loopholes to violate net neutrality rules

MPA has further added that rights holder should have a decision on what content they will make available, to whom and under what circumstances and that extending TRAI's authority may run afoul with exclusive rights of copyright holders under domestic law as well as the Berne Convention

Overall, most submissions haverecommended the regulator to adopt a broad based approach.

## Extension of submission date

The submission date for the consultation paper on 'Introduction of UL (VNO) for Access Service authorization for category B license with districts of a State as a service area' has been extended to 8 May, 2017.

## Upcoming Open House Discussion (OHD)

Two OHD: 1) Quality of Service (QoS) Spectrum, Roaming and QoS related requirements in Machine-to-Machine (M2M) Communications' will be held at 10 am and 2) Net Neutrality at 2:30pm, will be organized in Mumbai on 26 May, 2017.

<div align="center">**Other Highlights**</div>

**Announcements:**

- The names of the **High Level Track Facilitators (HLTFs) for the** High-Level Policy Sessions of the High-level Track (HLT) of **WSIS Forum 2017** to be held on the 13 and 14 June has been announced. The HLTFs have been selected from the nominated names from different stakeholder communities. The main task of the HLTF is to capture the vision, Identify emerging trends, opportunities and challenges shared by the leaders of their session. During the concluding session of the HLT the WSIS Forum 2017 Chairman will provide an Executive Summary, giving a platform for all the HLTFs to submit the outcomes of their respective policy session. These will be captured in a publication entitled "WSIS Forum 2017: Policy Statements and Executive Brief". Out of the 17 HLTFs selected, two are from India. They

are Shuchita Thapar, NLU, representing academia and Gayatri Khandhadai, APC, representing civil society.

**Events**

- The **G20 Digital Economy Ministerial Conference** was organized between 6 -7 April, 2017 at Dusseldorf, Germany, to discuss how to maximize the contributions that digitalisation can provide to the economy. The declaration published at the conclusion of the Conference reiterated the commitment to cooperation, multistakeholder approach to Internet governance to ensure processes are inclusive, transparent with accountability to all stakeholders.

- FICCI with the support of MeitY organized the "**India Internet Conference 2017**" between 5 and 6 April, 2017.The theme of the conference was 'Digital India 4 Sustainable Development'.Topics discussed at the conference include, Digital India 4 UN SDGs, world of Internet beyond english, Digital India as a foundation for New India, broadband access - getting a billion online, M2M -unlocking the future, India regulatory priorities for 2017, transformation to digital economy and ease of doing business.The conference was attended by senior officials from Central and State Government, MeitY, DoT, DIPP, TRAI, ITU, World Bank, UNDP, EU, Indian ICT Industry, Members of USIBC Digital Economy Committee and ICC Digital Economy Commission, International Experts and Academia.

- **UNCTAD** organized the **eCommerce Week** between 24- 28 April, 2017 at Geneva. The theme of the meeting this year was "Towards Inclusive eCommerce", and the meeting offered a platform for participating stakeholders to discuss key challenges and opportunities related to e-commerce and define concrete actions towards more inclusive trade, global benefits and sustainable development in line with the Sustainable Development Goals. A high-level event "Digital Transformation for All: Empowering Entrepreneurs and Small Business" was also organized during this meeting. Launch of the online platform - eTrade for All, discussions on regulatory frameworks, more collaboration, consumer protection, privacy, building trust online and cyber security were emphasised during the meeting.

- The **first school of Internet Governance was held in Afghanistan (afSIG 2017**) between 26 to 27 April, 2017. The event was organized by the National IT Professionals Association of Afghanistan (NITPAA), a civil society. The school was attended by 40 individuals comprising of 29 men and 11 women coming from different stakeholder communities.



Picture: afSIG 2017

**Reports**

- Internet and Mobile Association of India (IAMAI) along with Nielsen has released the "**Index of Internet Readiness of Indian States**" on 19 April, 2017. The objective of the study was to develop a state level e readiness index and rank the states; list out the various digitization programmes; assess the effectiveness of implementation of various central and state services offered and identify and evaluate the best practices.



Picture: Release of the Index of Internet Readiness of Indian State Report

The table below lists the top ranking states as per the scores on various indices:

| Index | Best Large State | Best Small State/ UT | Best NE State |
|---|---|---|---|
| E-infrastructure | Punjab | Delhi | Manipur |
| E-participation | Kerala | Delhi | Mizoram |
| IT Environment | Karnataka | Delhi | Nagaland |
| Government E-services | Himachal Pradesh | Delhi | Manipur |
| Internet readiness | Karnataka | Delhi | Nagaland |
| Core Internet Index | Kerala | Delhi | Meghalaya |

- The **Internet Watch Foundation (IWF) 2016 report** highlights the growth of child sexual abuse, along with the increase in using masking techniques to hide child sexual abuse images and videos on the internet and leaving clues to pedophile so they can get it. The report also observed the usage of new domains for such abuse has increased by 258%

## Other Upcoming Events and Opportunities

**Events**
- The International Telecommunication Union (ITU) and GSMA are pleased to invite you to participate in the "3rd Asia-Pacific Digital Societies Policy Forum 2017", which will take place on 8-10 May 2017, Bangkok, Thailand.

- Municipalika + CAPEx 2017, 14th International Conference and Exhibition on Smart City Solutions is being organized in Navi Mumbai, Maharashtra from 18 - 20 of May 2017.

- The International Mobile Technology Expo is from 19 - 20 May 2017, Mumbai, India.

- ICANN59 will be held in Johannesburg, South Africa from 26-20 June, 2017.

- DSCI is organizing the best practices meet 2017, on 22 - 23 June 2017, at ITC Gardenia Bengaluru.

- SANOG XXX will be held from 10 -18 July,2017 at Ramada Gurgaon Central, Gurgaon, India

- The Asia Pacific School of Internet Governance (APSIG) 2017 will be held from 22-26 July, 2017 at Sukosol Hotel, Bangkok. For more details visit here.

- Asia Pacific Regional Internet Governance Forum (APrIGF) 2017 will be held at Chulalongkorn University, Bangkok from 26 - 29 July, 2017.

- India Mobile Congress will be held between 27-29 September, 2017 at Pragati Maidan New Delhi.

- India to host Global Cyber Security Conference in 2017

**Opportunities**

- Fellowship is now open for **SANOG XXX**. Last date to apply is 31 May, 2017

- The **NUPRI Research Group at University of São Paulo (USP) is seeking proposal** for preparing a new publication on Internet Governance in the Global South. Last date of submission is 15 June, 2017.

- The **IGF Secretariat** is accepting **requests to hold Open Forums at IGF 2017**. Last date for submissions is 21 June 2017.

- **Dynamic Coalition on Community Connectivity (DC3) is inviting position papers** for analysing the issues of connectivity and community networking, with particular regard to existing CN experiences. The last date for submissions is 30 June 2017.

- There is a **call for presentation**s, on relevant to Internet operations and technologies for **APNIC 44 Conference.** The first round paper acceptance is by 14 June, 2017 and final deadline for submission is 14 July, 2017.

CCAOI, C/o AWFIS Space Solutions, L 29-34, Above Haldiram, Connaught Place, New Delhi - 110001.
Visit us online at: www.ccaoi.in
For any comments/suggestions email: info@ccaoi.in