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Representing the ecosystem of Internet -Bharat Model

CCAOI Newsletter	March, 2017

March 2017 At a Glance

The month of March was filled with a series of global meetings, including, ICANN58, APNIC 43, the First IGF Open Consulation and MAG Meeting, the First IGF Afghanistan, IETF98, Internet Freedom Festival, final review meeting of the Open Consultation Process for the WSIS 2017, Commonwealth Cybersecurity Forum 2017, etc.

This month was also marked with Vault 7 Wikileaks, which revealed the CIA's ability to hack phones, computers, and smart devices; China outlined a new cyber diplomacy policy; Social media companies were asked by EU to change their terms and UN special rapporteur proposing surveillance treaty Agreement.

From the Indian perspective, this month witnessed Telecom giants, Vodafone and Idea announcing their decision to merge, the Ministry of Information and IT approving setting up of a manufacturing cluster in Aurangabad. Further, the government has proposed to make Aadhaar mandatory for filing of the Income-Tax returns and obtaining the Permanent Account Number (PAN), which has raised the concerns of security of personal data and chances of government surveillance in the future. In a bid to encourage cashless transactions and make them more secure, the government has sought public comments on the draft rules for the Security of Prepaid Payment Instruments under provisions of IT Act 2000.

1st, 2017 IGF Open Consulation and MAG Meeting

The first 2017 IGF Open Consultation and Multistakeholder Advisory Group (MAG) Meeting was held from1-3 March, 2017 at Geneva and was chaired by Lynn St. Amour. The objective of the meeting was to take stock of the IGF 2016 meeting and intersessional processes, planning for the IGF 2017 meeting, as well as other ongoing IGF community activities including intersessional work being carried out on an ongoing basis.

Apart from taking stock of the IGF 2016 annual meeting, preparatory processes and community intersessional activities, this years Host Country Co-Chair from Switzerland, gave a short presentation on some of the expected points of emphasis for this years IGF. There was also an informal presentation and discussion about the IGF TrustFund.

During the meeting, several MAG members reiterated the need of IGF to adopt a long term multi year strategic approach. Increasing outreach activities, better communication of the values and work done by IGF, encouraging new participation from under represented regions and stakeholder communities in a continued basis, was also emphasized.

It was decided that the overarching title of the 2017 IGF would be: 'Shape Your Digital Future!' and the MAG decided the timetable for the call for workshop proposal and evaluation and selection process. It was decided that the sub-themes / tracks for the 2017 meeting would be established based on the proposals received. The summary of the meeting is available from the following link.

Internet Society Updates

- On 16 March, 2017, Internet Society organized a **community forum " Youth & the Internet**", which was s moderated by Toral Cowieson, Senior Director for Internet Leadership. During the event, CEO,

Kathy Brown shared an outline over what to expect on the 25th Year of the Internet Society, which was followed by a panel discussion between Verónica Arroyo, Youth Observatory from Youth Special Interest Group (SIG) Perú, Yuza Setiawan, ISOC Next Generation Leader, Indonesia and Evelyn Namara ISOC Next Generation Leader, Uganda. Further, during the event the **25 Under 25 program** was also announced.

- **Internet Society participated in various events** this month, including APNIC 43, ICANN 58, IETF98, RightsCon 2017 etc. Infact, during the office bearers of the Internet Society held interactions with chapter members at APNIC 43 and ICANN 58.

  The **Internet Society Asia-Pacific Bureau** organized the regular **ISOC@APRICOT** meeting on 01 March. The meeting was chaired by ISOC Bangladesh Dhaka chapter, inviting Internet Society (ISOC) members to discuss policy related issues and other topics of interest to the members, to share ideas, knowledge, content and experiences and also to connect with the ISOC community present at APRICOT conference.

Pic: ISOC@APRICOT

Chapter updates:

Some of the activities of the Chapters in South East Asia, this month include,

- Internet Society Chapter Afghanistan organizing the first **Internet Governance Forum Afghanistan (IGFA)** between 28 – 30 March, 2017. The event provided a platform to discuss Internet related issues, from the perspective of Afghanistan, as well as on the regional and global levels. Training activities related to Internet Governance were organized on Day 0, while the next two days were focused on extensive workshops to create awareness, share experiences and receive input from the participants on Internet related issues. The event was organized by the Hon'ble Minister of Communications and IT, Afghanistan Mr.Sayed Ahmad Shah Sadaat. Apart from various eminent speakers at the event from Afghanistan, there were speakers from the I* organizations such as APNIC, ICANN, IGF and ISOC.

  CCAOI Director, Amrita Choudhury had also participated in a panel discussion and shared about the need for regional cooperation to build capacity in the region. For further details visit this [website](#).

Pic: IGFAfghanistan

- **Internet Society India - Kolkata Chapter** organizing a series of workshops and a roundtable between 6 -10 March, 2017. These include a roundtable to discuss about the **state of critical Internet infrastructure in India**, a **workshop on DNS/DNSSEC along** with ICANN, another **workshop on IXP-BGP** held along with APNIC, a third workshop organized at the MCKV Institute of Engineering to create an **awareness of ICANN and ISOC activities, and the role of Internet standard**s and finally an **IICB Bootcamp and Sillycon Community Meetu**p with ISOC Kolkata. For further details visit the chapter website.

- A **capacity building session organized by ISOC Pakistan Islamabad Chapter on Cyber security and "Child Online Protection (COP)**' at GC Women University Sialkot, Pakistan, which was attended by over 130 undergraduate, graduate students and faculty members. The topics discussed included, awareness of online hazards, the Pakistan Electronic CyberCrime Bill, PECB, Social Engineering identifiers and pitfalls and a technical hands on session on the privacy setting of social media and both iOS and android devices.

- The **Asia Pacific Chapter Advisory Council online conference call** was help on 15 March, 2017. During the call, Chapter Advisory Council member, Jahangir Hossain shared an overview on the present chapter's opportunity and future collaboration with the Chapter Advisory Council, including the present Chapter AC nomination/ representative list from the APAC region, updates on the implementation report of 2016 along with the planned activities of the Chapter Advisory Council for this year. Subsequently the Chapter representatives in the call shared an update of their chapter activities, concerns and expectations.Need for supporting deserving candidates from this region to the 100th IETF meeting, strategies to improve engagement and participation of chapter members were also discussed.

Regional Policy Survey

Internet Society Asia-Pacific Bureau Regional Policy Survey 2017 has been extended to 19 April, 2017. To participate, click on the following link

Nominations

Nominations are invited for the 2017 Jonathan B Postel Service Award, which is given to individuals or teams who have made outstanding contributions in service to the data communications community. The award, a signature crystal globe and a USD 20,000 prize will be presented at the 99th Internet Engineering Task Force (IETF) meeting in Prague, Czech Republic (16 -21 July 2017) to the chosen candidate. The last date for submitting nominations is 3 May, 2017. For more details visit here.

Update on ICANN58

The 58th ICANN meeting held in Copenhagen, Denmark, between 11-16 March, 2016, was attended by 2086 people, out of which 642 attended the meeting for the first time, 57 fellows, 15 NextGen@ICANN members and 4 NextGen Ambassadors.

There were 348 sessions which were mostly focussed on policy development processes. The discussions at this meeting were centered around new Generic Top level domains, two character country code second level gTLDs, how to improve the next round of new gTLD applications, mechanisms for disbursing the resources accrued, current issues related to WHOIS policy, Cross-Community Working Group on ICANN Accountability-Workstream 2. Further, there was a lot of discussion on data protection and there was also a meeting with data protection officials.

GAC Comminique

The 58th ICANN meeting was attended by 69 out of 171 GAC members and 9 observers. Zimbabwe is the newest GAC member.
During the meeting GAC had meetings with ICANN board, GNSO, ccNSO, ALAC and other stakeholder groups. Concerns related to 2 character country code at second level, geographic names, mitigation of DNS abuse, CCWG Workstream 2 Accountability, were much discussed in all the meetings.

The GAC members also met with data protection officials convened with the assistance of the Council of Europe and discussed the implementation of data protection principles in ICANN and both sides agreed that there is a need to continue this important dialogue.

During the meeting with ICANN board, concerns regarding confidentiality of GAC documents, process for the board to consider the GAC advice, WS2, dot web auction were also discussed. Protection of the Red Cross and Red Crescent designations and identifiers, Mitigation of Domain Name Abuse, were advised to the ICANN board.

Proposed cross-community session at ICANN 59 on geographic names, the GAC-GNSO Consultation Groups Final Report Implementation Plan and common concerns about workload created by multiple simultaneous PDPs were discussed during the meeting with the GNSO. The topics discussed with ccNSO include ccNSO PDP on a retirement and review mechanism for ccTLDs, the Cross Community Working Group on Use of Country and Territory Names as TLDs, support for the GAC Working Group on Under-Served Regions regarding ccTLD issues, implementation of Bylaws concerning the Empowered Community and ICANN meeting scheduling. The report, commissioned by the Council of Europe on community applications, the survey being developed by the GAC Working Group on Under-Served Regions, the At Large Review and CCWG-Accountability Work Stream topics of joint interest were discussed during the meeting with the At Large Advisory Committee (ALAC).

At the meeting with the Registrar Stakeholder Group (RrSG), Registrar operations, market developments and mechanisms for dealing with abuse was discussed . Meeting with the geoTLD Group (representing Top-Level domains, identifying a city, region,language or culture) discussed policies on geographic names, cooperation with local authorities and issues with national data protection laws.During the meeting with the Universal Acceptance Steering Group (UASG), GAC was updated on their activities to make IDN domain names and email addresses, as well as new gTLDs, work seamlessly on all browsers, applications and software programs. Further members of the Customer Standing Committee (CSC) 3 updated GAC on the operations of the Committee to date.

The GAC communiqué can be viewed from the this link

APAC Space @ICANN 58 Update

The APAC team organized a community meeting @ ICANN58. Apart from discussion on APAC developments, there were updates shared on New gTLD Subsequent Procedures Policy Development Process, status of the New gTLD Subsequent Procedures PDP Community working group, an introduction to the APAC community comment round, preliminary results of the APAC Space survey. The meeting was well attended both in person and online by community members from the region.

Other News:

- The Second Security, Stability, and Resiliency of the DNS (SSR2) Review Team has announced the leadership selections of three co-chairs.

- 55 individuals from 43 countries have been selected to participate as Fellows for ICANN59 meeting to be held in Johannesburg,. The fellowship was open for only alumnis.

- ICANN launched the Testing Platform for the Key Signing Key (KSK) rollover for network operators and other interested parties.

- The final report on the Continuous Data-Driven Analysis of Root Server System Stability (CDAR) which examines the New gTLD Program's technical impact of the delegation of new gTLDs on the security and stability of the root Domain Name System (DNS) is now available.

- The Annual IANA Functions, DNSSEC Audits for ICANNm which validates ICANN Systems Controls namely the IANA registry management systems and the Domain Name System Security Extensions (DNSSEC) services it provides is complete. For more details visit here.

- Krista Papac is ICANN's first Complaints Officer and she is espected to work with ICANN's various internal complaints processes to assist improvements, collect data about complaints received across the organization and help ensure that any complaints about systemic issues or concerns about the organization are heard, reviewed, analyzed and resolved as openly as appropriate.

Call for Public comments or Participation:

- The working group on Internationalized Domain Name (IDN) is seeking public comments related to **IDN Implementation Guidelines**. These guidelines are related to IDN registration policies and practices, designed to minimize the risk of cybersquatting and consumer confusion and to cater to the interests of communities using local languages and scripts. The last date to apply is 17 April 2017.For more details visit the following link.

- The Cross Community Working Group on Enhancing ICANN Accountability (CCWG-Accountability) work stream 2 is seeking public comments on the draft recommendations on **Guidelines for standards of conduct presumed to be in good faith associated with exercising removal of individual Directors of the ICANN Board** (Guidelines for Good Faith or GGF). Last date for submitting comments is 24 April, 2017. For more details visit this link.

- ICANN is seeking comments on the **Draft Report from the Competition, Consumer Trust and Consumer Choice (CCT) Review Team** with its recommendations for the New gTLD Program. The

report examines the extent to which the introduction of new generic top-level domains (gTLDs) has promoted competition, consumer trust and consumer choice in the domain name system. It also assesses the effectiveness of the safeguards ICANN has implemented to mitigate issues related to the introduction of new gTLDs. The report is available for public comment through 27 April 2017. For more details visit Executive summary, Summary of Recommendations, Report and Blog.

Further, a **webinar** on Competition, Consumer Trust and Consumer Choice Review Draft Report was also organized for 3 April 2017. for more details visit here.

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- Public comments are invited on the proposed **Fundamental Bylaws revision**s that would **move the Board Governance Committee's (BGC) responsibilities to the Board Accountability Mechanisms Committee (BAMC)**. Comments cane be submitted by 10 May, 2017. For more details visit this link.

Opportunity

- Applications are invited for ICANN60 Fellowship, which will take place from 28 October -3 November, 2017 in Abu Dhabi, United Arab Emirates. The last date to apply is 10 May 2017. For more details visit this link.

APNIC Highlights

APNIC 43 Update

The 43rd meeting of APNIC concluded in Ho Chi Ming City, Vietnam. The key highlights of the meeting include:

- **Election of four APNIC Executive Council (EC) members.** Four community members were elected during the Annual General Meeting (AGM), as APNIC EC. They include, Izumi Okutani who is elected for the first time, while Jessica Shen, Gaurab Raj Upadhaya and Kenny Huang were reelected .
  It may be mentioned that APNIC EC comprises of 7 elected members and one Ex officio. The other EC members include Kam Sze Yeung, Rajesh Chharia, Roopinder Singh Perhar and Paul Wilson, Director General, APNIC, Ex-officio. For more details visit this link.
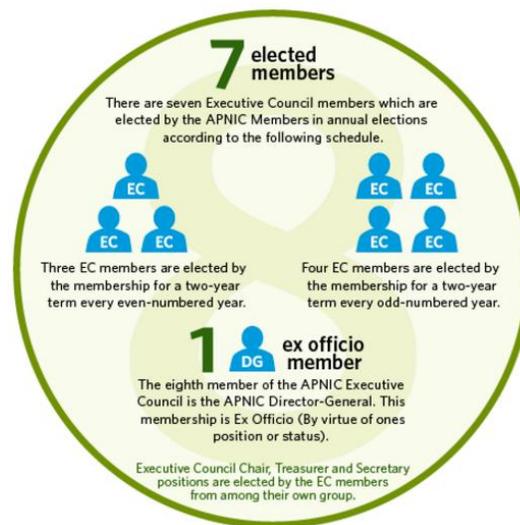

Fig: APNIC EC Structure (Source: APNIC)

- **SIG Chair Election.** Sumon Ahmed Sabir was elected as SIG chair while Ching-Heng Ku and Bertrand Cherrier were elected as Co Chairs.

- **Policy SIG Update.** The Policy SIG convened three times over two days during APNIC 42. The proposals which were under discussion include, the proposal to change the IPv4 transfer policy was presented, but did not reach consensus and the proposal-116 to prohibit transfer IPv4 addresses in the final /8 block. Further, there were presentations on SIG Administration by Masato Yamanishi; APNIC Whois data quality. Whose responsibility by George Kuo, NRO Number Resource Status Report and IPv4 final /8 delegation report by Guangliang Pan and IPv4 Transfer Report by Tuan Nguyen

Other Update

APNIC releases a Public API Draft for members proposing a higher level of functionality to APNIC registry Application Programming Interfaces (APIs) for its members which offer services like RPKI and Whois. The new APIs are expected to be easy to use and adhere to modern standards, while allowing users to effectively manage their resources automatically through their own software, thereby improving efficiency. The new APIs offered will come in four different categories, namely Internet resource management, RDNS management, Route management and Whois management. Further, the APIs have been designed to abstract whois and its processes away so that Members can use it without being whois experts. For more details visit this link.

Upcoming Trainings:

The upcoming APNIC courses can be viewed from this link

Opportunities

- **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.

TRAI Updates

Comments and Consultations

- TRAI seeks comments from stakeholders on **"Ease of Doing Telecom Business in India**", for simplifying the processes and removing the bottlenecks, obstacles or hindrances that are making it difficult to do telecom business in India. Apart from seeking comments on the areas which require regulatory intervention related to unified license spectrum allocation and use Provision of telecom services using satellite media merger and acquisition policy processes in other areas which may be requiring simplification. Last day to submit comments is is 11 April, 2017. For further details visit here.

- TRAI is also seeking comments from stakeholders on their consultation paper on **'Introduction of UL (VNO) for Access Service authorization for category B license with districts of a State as a service area'**. The various issues in which comments are being sought include, if there is a need to introduce Cat- B VNO, whether Direct Inward Dialling (DID) franchisees should be allowed to provide wireless services under their brands, under UL (VNO) – Cat- B license and if not, how then should they be accommodated under the current licensing regime. Further, comments are sought on the services which UL(VNO) Cat-B be allowed to provide, should the duration of the license be 10 year, the required equity, entry fee, networth, compliances, penalty structure which should be adopted, whether they should have similar obligations as TSPs/ VNOs, what should be their QoS Parameters, whether they should be allowed to enter into agreement with TSPs, challenges expected and if there are any other issues which needs mention. Last date to submit comments is 17 April, 2017 and counter comments is 24 April, 2017. For further details visit [here](#).

Extension of Consultation Paper

- TRAI has extended the comment period for the consultation paper on **Net Neutrality (NN)** to 12 April and counter comments till 26 April, 2017. The extension letter can be viewed from this [link](#)s. In our January newsletter, we had elaborated on the issues where comments have been sought. For more reference click this [link](#).

- The comment period has been extended for the consultation paper on **Approach towards Sustainable Telecommunications to 3 April and counter comments to 17 April, 2017.** The consultation paper can be viewed from the following [link](#), while the extension letter from this [link](#).

- The Comment period for **Consultation Paper on Regulatory Principles of Tariff Assessmen**t has been extended to , 7 April,2017 and counter comments to 15 April, 2017. The issues on which comments had been sought can be viewed from our February newsletter. The extension letter can be viewed from this [link.](#)
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Upcoming Open House Discussion (OHD)

- TRAI will organize an OHD on Consultation Paper on 'Cloud Computing on 3 April 2017 at 10:00 am at the Grand Ball Room, The Lalit Ashoka Hotel, Kumara Kurpa High Grounds, Next to CM Guest House, Bangalore. For further details visit [here](#).

- The OHD on Consultation Paper on 'Spectrum, Roaming and QoS related requirements in Machine-to-Machine (M2M) Communications' will be held on 7 April, 2017 at 10:00am in ''Gulmohar Hall' India Habitat Centre, Lodhi Road, New Delhi. For more details visit this [link](#).

IETF98 Highlights

The IETF 98 Chicago meeting was held between 26-31 March, 2017. The meeting was attended by 1127 participants from 57 countries and 316 registered remote participants. During this meeting Alissa Cooper took on the position of IETF Chair.

This meeting witnessed a growth in the participation from India with 11 on-site participants and 18 remote participants. The on-site participants include, T. Santhosh, Scientist E from MeitY; Harish Chowdhary, from

NIXI; [IIREF Fellows](), Mr. Lijo Thomas and Ms.Smitha Vinod; Fellows from ISOC India, Kolkata Chapter, Priyatosh Jana and Monowar Hussain Bhuyan,s to name a few. For more details on IETF98 visit [here]().

Representatives from Brazil and Africa discussed the possibilities of collaborating with India India on IETF [outreach Awareness programme]() involving universities and Internet Research Labs for hands on experience.

India's remote hub participation model was greatly appreciated and discussed, especially in the current scenario of travel bans. Further possibilities of integrating the remote hubs with IETF were also discussed in the meeting, which was also attended by IETF Chair,

During the meeting, an IETF India community dinner was also organised by IIESOC which was attended by community members.

The next meeting, IETF99 will be held in Prague, Czech republic between 16-21 July, 2017.

Other Highlights

Events
- The RightsCon Brussels 2017 organized by Access Now, was held between 29-31 March, 2017, which was attended by over 1500 people. The discussions are focused towards keeping the internet open, free and secure. For more details visit this [link]().

- The Centre for Communication Governance at NLU-Delhi organized a public symposium 'Unpacking Hate Speech: Comparative Approaches to Hate Speech Law' on 17 March, 2017.

- The final review meeting of the Open Consultation Process for the WSIS 2017 Forum was held on 14 March, 2017. For more details visit this [link]().

Reports

- The recently released **United Nations Development Programme (UNDP) Human Development Report 2016** indicates that although average human development, improved significantly across all regions over the last fifteen years, one in three people worldwide still continue to live in low levels of human development, as measured by the Human Development Index. Systemic discrimination against women, indigenous peoples and ethnic minorities, among others which is often unmeasured are the barrier which is leaving them behind. Therefore a stronger focus on those excluded and on actions to dismantle these barriers is urgently needed to ensure sustainable human development for all. Empowering the marginalized, providing them a greater voice in decision-making processes, more refined analysis of key data to inform actions such as assessing their participation and autonomy, focussing on the quality of development rather than quantity would help. The report can be viewed from this [link]().

- The **Ranking Digital Rights 2017 Corporate Accountability Index**, which ranks 22 of the world's most powerful internet, mobile and telecommunications companies on their disclosed commitments and policies, can be viewed from this [link](). Bharti Airtel was the only Indian company in this list.

Other Upcoming Events and Opportunities

Events

- Afghanistan School of Internet Governance is to be held on 26-27 April, 2017.

- 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 8-9 May 2017, Bangkok, Thailand. For more details, visit this link

- 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. For more details visit this website.

- GSMA ITU Digital Societies Policy Forum, will be held in Bangkok between 8-10 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.

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

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

- India Mobile Congress would be held between 27-29 September, 2017 at Pragati Maidan New Delhi. For more details visit www.indianmobilecongress.com.

- India to host Global Cyber Security Conference in 2017

Opportunities

- The Annenberg-Oxford Media Policy Summer Institute, invites applications from students and practitioners working in communications, media, law, policy, regulation, and technology to attend the program from 26, June to 7 July, 2017 at the University of Oxford.The last date to submit is 14 April, 2017. For more details visit this link

- The **APSIG/Amazon Fellowship Committee**, is **inviting applications** from interested candidates for supporting for the 2017 IGF. The letter of intent along with particulars such as past IGF participation, planned participation in IGF 2017, intent and Motivation for IGF Participation, and future plans would have to be submitted to apsig-sec@googlegroups.com before 30 April. For more details visit this link

- Applications are invited by the **Commonwealth Scholarships Commission** from applicants from developing Commonwealth countries.The scholarships are for study starting in January 2018 on the MSc Management and Information Systems distance learning program run by the University of Manchester's Global Development Institute. Fully-funded scholarships will be provided to five deserving applicants. Application must be made to both the CSC scheme and the MSc program, with a deadline for the latter of 14 April 2017. For more details visit this link

- **Workshop proposals** are being invited for the Internet Governance Forum - IGF 2017, to be held in Geneva, from 18-21 December, the overall theme for this year is "Shape your digital future!" Submissions will be accepted till 3 May, 2017. For more details visit this link.

- There is a **call for presentation**s, 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 For more information visit this [link](#).

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