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QUARTER



2018

.it

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HEAD OF .IT REGISTRY

Domenico Laforenza



To provide answers to the technological evolution and to the transnationality of the legal issues posed by the European digital market on the processing of personal data, the Community legislator has issued Regulation (EU) 2016/679 of the European Parliament and Council, of 27 April 2016. This deals with the protection of individuals with regard to the processing of personal data, as well as the free movement of such data and thus repeals Directive 95/46/EC.

The .it Registry has begun this lengthy process of harmonizing its internal practices to the GPDR, which we can explain in what we can define as 3 precise steps of the .it Registry for the implementation of the GDPR.

The first important step was the identification of the subjects involved in data management. This process that concluded by drawing an imaginary triangle, just to testify to the collaboration and intersection necessary of top management. The vertices of the triangle are testimony to the figures involved that can be identified as

follows:

- Data controller - defined by the Community Data Controller legislator, with decision-making power regarding the techniques to be adopted and organizational measures. This ensures compliance with the Regulation of data processing operations. For the IIT- Registry .it, the Data Controller is the National Research Council through the CNR Institute of Informatics and Telematics, Registro .it;
- Data processor - defined by the Community Data Processor legislator, is the Registrar who from time to time manages the contractual relationship with the Registrant. The Registrar remains the Data controller with regard to the contractual relationship with the Registrant;
- Data Protection Officer - defined by the Community Data Protection Officer, is Giuliano Salberini.

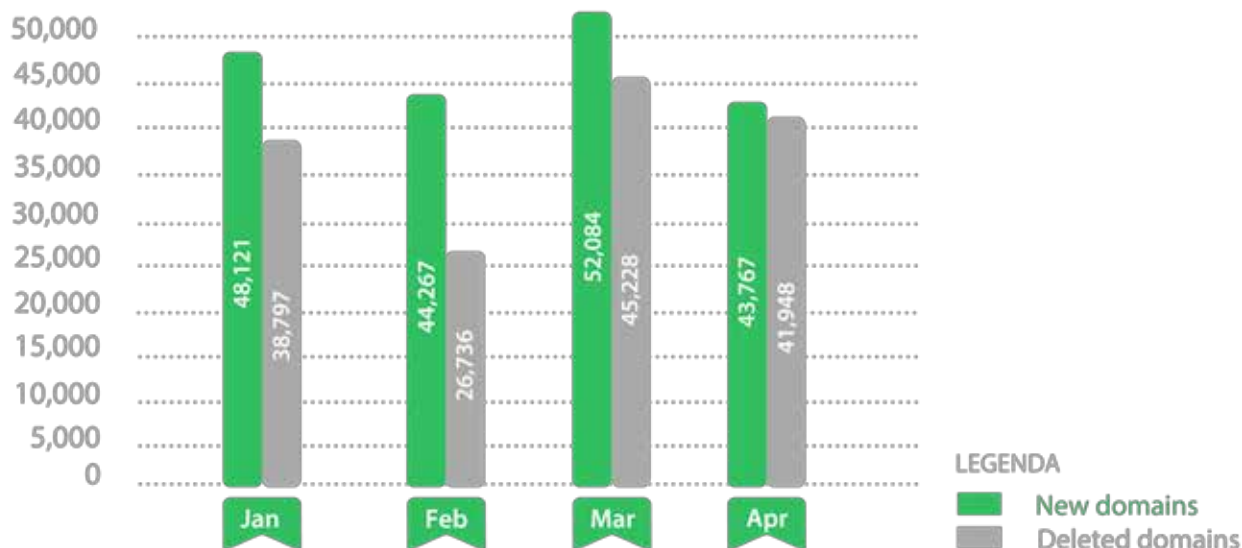


The second step was the open collaboration with European and international organizations and national authorities to study and analyze the repercussions that the GDPR would have on the Whois database. This long journey ended on 25 May 2018, the day of entry into force of the GDPR where the “switch” took place introducing the new interface. The new Whois no longer allows the display of any data relating to the contacts of a domain name (registrant, admin and tech) if the domain name has been registered by a physical person and they have not expressed consent to the publication of data (consentForPublishing field with “false” value). This was an obligatory choice to comply with the regulatory provisions of interoperability between the data protection of Registrants and their consent to the publication which, breaking with the previous normative tradition, must be not only informed, but also explicit.

The third step was the preparation of an Addendum to the Registrar contract currently in force. The aim of the Addendum is to assign the Registrar to the role of Data Processor with regard to the IIT - Registro .it, remaining however as Data Controller in relation to the contractual relationship with the Registrant.

The first steps are always the most complex, but in the path that the .it Registry has undertaken there is great attention and awareness of the issues concerning privacy and the protection of the personal data of our data subjects.

STATISTICS



GROWTH OF NEW REGISTRATIONS

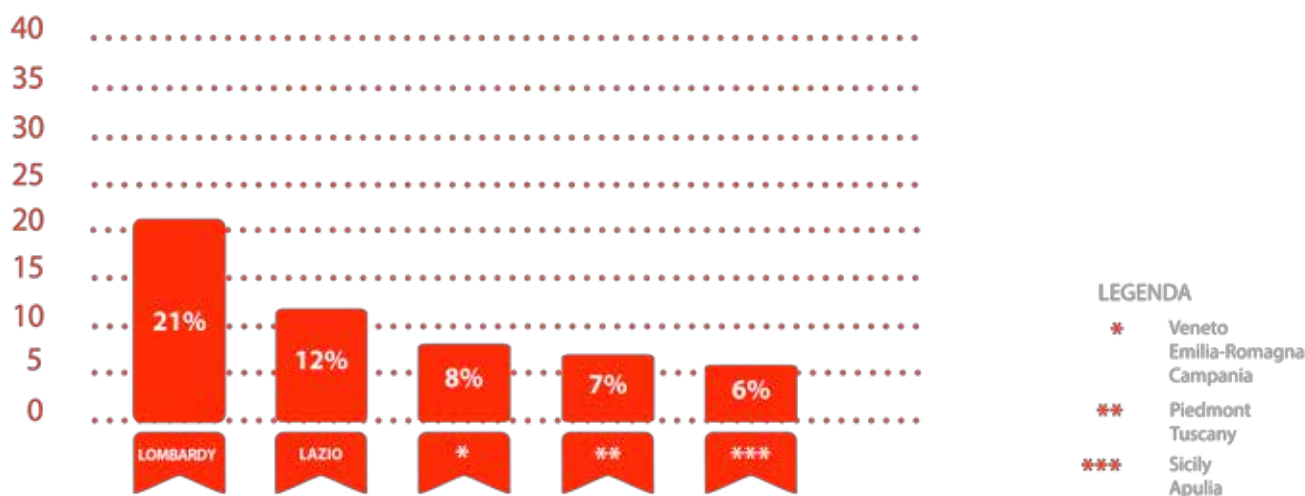
In the first quarter of this year there was constant growth which reached its peak in February with over 17 thousand new domains net of cancellations. There was a levelling off in April of new registrations and cancellations, albeit with a gap of almost 2 thousand new registrations



ANNUAL GROWTH

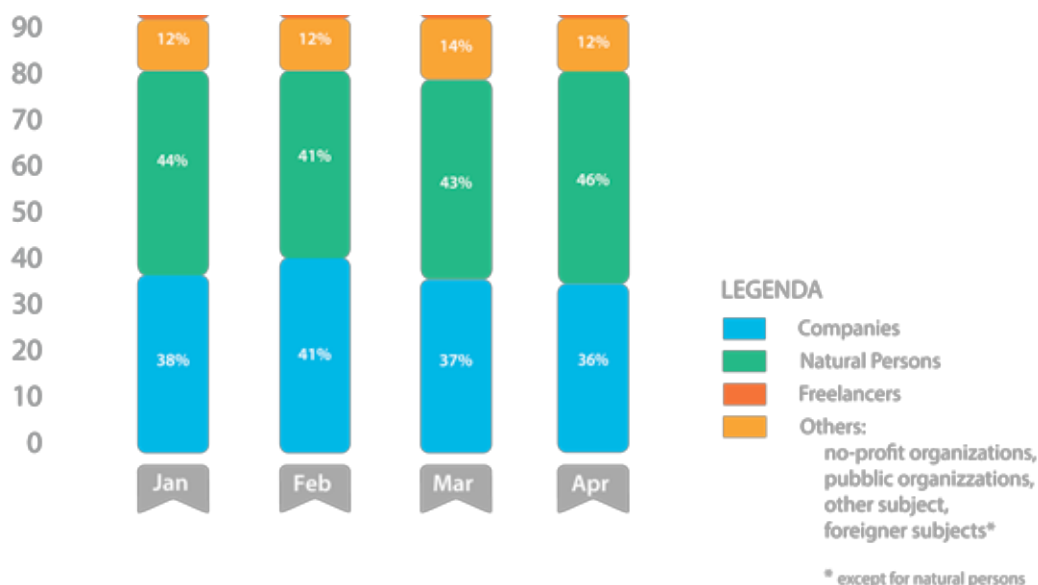
There are over 35 thousand new domains recorded net of cancellations and highlighted in the annual growth graph, confirming the growth trend of .it

STATISTICS



TOP REGIONS

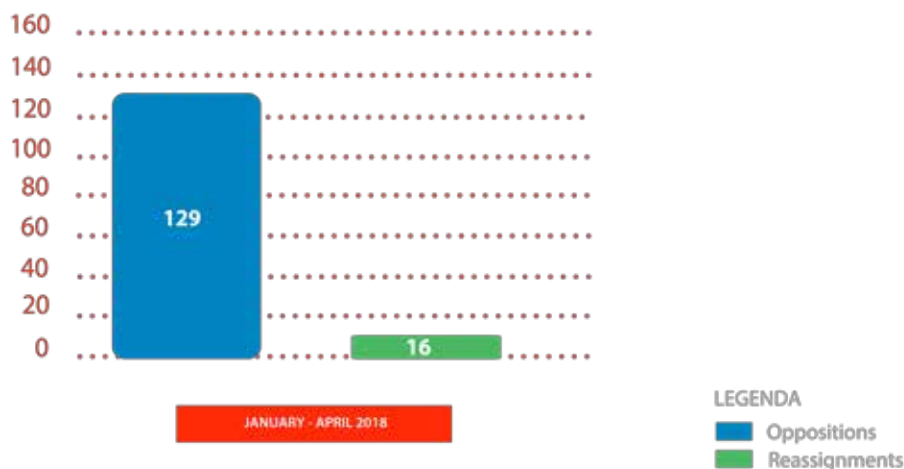
Lombardy remains in first place among Italian regions with the most .it domains registered. Lazio also keeps its second place. In the first 5 positions, however, 3 Southern regions stand out. We have Campania in third place (equal with Veneto and Emilia-Romagna) and in fifth (with equal standing) Sicily and Puglia.



ENTITY TYPES

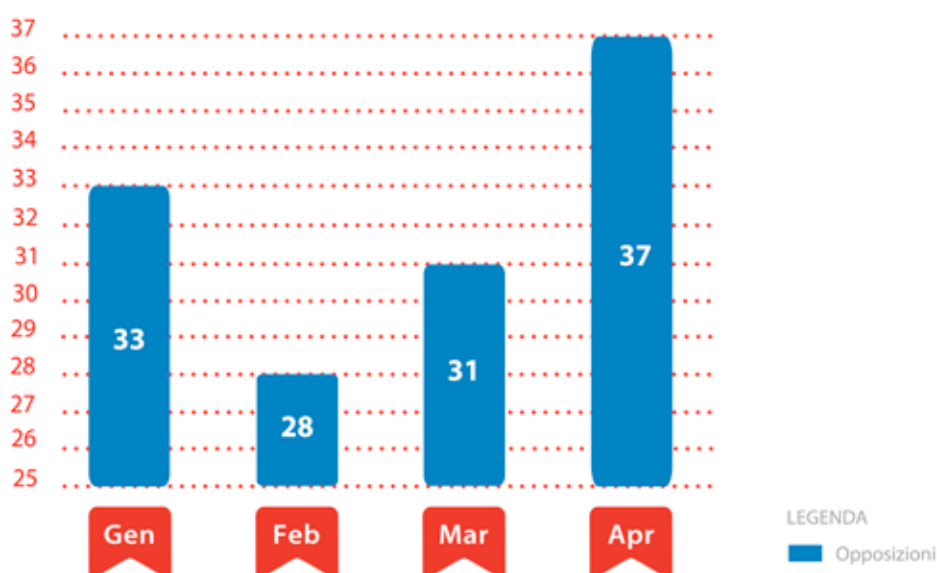
As regards the typologies of the assignees of the domains, natural persons have for some time been greater, albeit slightly, than companies (excluding the month of February where the two categories are equal). In April, there is even a 10% increase in individual assignees registered.

STATISTICS



OPPOSITION-REASSIGNMENT RATIO

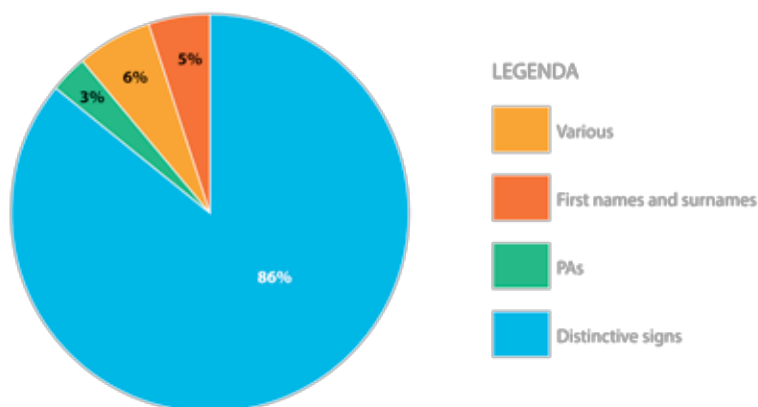
From the beginning of the year until April 2018, the opposition procedures were 129 and 16 the reassignments. The 16 reassignment procedures involved 17 domain names since the procedure involving the PSRD (Dispute Resolution Service Provider) concerned multiple domain names registered by the same assignee and opposed by the same opponent-



TREND OF OPPOSITIONS

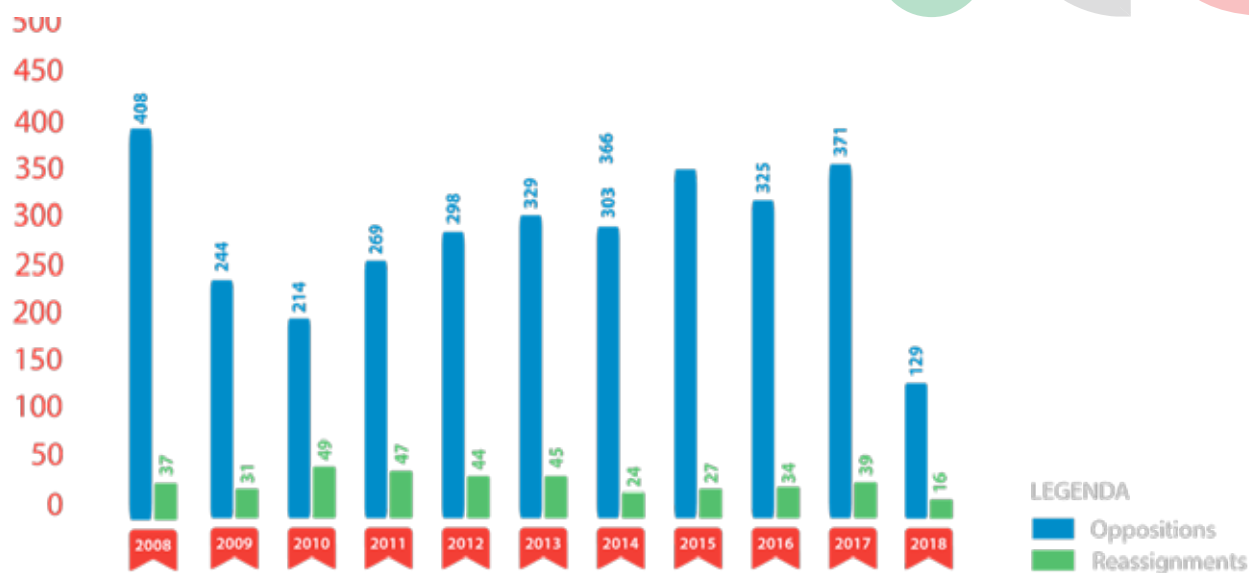
The graph shows a growing trend of oppositions in the first 4 months of 2018 with a total of 129 oppositions. The monthly average is 32. Of these 129 oppositions, 98 concerned the distinctive signs of the company (i.e. company, brand and sign), 12 refer to the name and/or surname, 2 were requested by Public Institutions. Finally, 8 of various types

STATISTICS



REASONS FOR OPPOSITION 2000-2018

To date, the greatest right claimed by the parties who request activation of the opposition procedure is the violation of the distinctive signs, and specifically the trademark, company, name/company name and company, representing 86% of the reasons. This figure is indicative of how the organizations tend to safeguard the brands they have invested in, considering that they must safeguard themselves also in this area



OPPOSITION-REASSIGNMENT TREND

The 2008 peak was due to a large number of oppositions concerning domain names assigned to the same Registrant and opposed by the same Opponent. The period from 2009 to 2017, confirmed in the first months of 2018, registered growing trend

Registry Steering Committee: election of Registrar members

Stefania Fabbri

On 6 April the election for the Registrar members of the Registro .it Steering Committee was concluded. The election rules specify three stages: Stage 1 "Candidature" lasting for 15 days, Stage 2 "Endorsement" lasting for ten days and Stage 3 "Final Vote" for 3 days. The first 2 Registrar representatives who obtain the greatest number of votes are elected. The 2018 election numbered 5 candidates and 133 voters. Antonio Nati (61) and Luciano Talarico (35) obtained the highest number of votes and will represent the Registrars on the Cir for the next two years.

Alternanza scuola-lavoro Let's bit!

*(section edited by **Giorgia Bassi** and **Claudia Mazzanti**)*

Let's Bit!, a peer education project that puts two generations of digital natives in touch. After following a CNR training course, the secondary school students, to all intents and purposes, become junior educators of the primary school pupils, working together with the Ludoteca staff during the lessons dedicated to a mindful use of the Web.

- 11-12 16-17 January: Istituto Pesenti - Liceo scientifico di Cascina (PI) (1 class, 15 students)
- 31 January - 1-2 February: Istituto Talete - Liceo scientifico di Roma (1 class, 22 students)
- 22-23 e 28 February e 9 March: Istituto Giovanni da San Giovanni - Liceo scienze umane di San Giovanni Valdarno (AR) (1 class, 11 students).

Registro .it Ludoteca at Innovation Village

Giorgia Bassi

From 5 to 7 April the Ludoteca of Registro .it was among the exhibitors of Innovation Village, scheduled in Naples within the framework of the Mostra d'Oltremare. In particular, the Ludoteca presented its initiatives in the "School Village" section dedicated to the theme of innovation in the education and training system.



Visitors had the opportunity to learn about the new Internetopoli website with the "web app" section to discover the opportunities of the Web and, absolutely new this year, the fun educational games to play in the classroom.

The Ludoteca also proposed two seminars for teachers dedicated to the project "Let's Bit!" and a forum for secondary school pupils to discuss the issues regarding the Web.

External Ludoteca seminars

(section edited by **Beatrice Lami**)

- 23 January: “**Registro .it Ludoteca: a digital education project in schools**” for the Primary School teachers of the Istituto comprensivo G. Falcone of Cascina (PI)
- 31 January: “**Mindful use and opportunities of the Web**” for the parents of the pupils of the Middle School P. Borsellino of Navacchio (PI)
- 19-20 and 26 February: “**The children of the Web: only a future location or real opportunities?**” for pupils of the first two years of the Liceo scientifico U. Dini of Pisa

Courses for Registrars

(section edited by **Beatrice Lami**)

In the first quarter of this year the first three courses of the year took place in Pisa:

- 6 March: “**The new European Regulation on the protection of personal data. Citizens’ rights, security aspects of information and data: privacy by design, Data Protection Impact Analysis**” (29 participants)
- 7 March: “**Data accuracy and AuthInfo code**” (11 participants)
- 18 e 18 April: “**DNSSEC**” (19 participants)

Inhouse Ludoteca seminars

(section edited by **Claudia Mazzanti** and **Manuela Moretti**)

The Ludoteca has organized a series of seminars on Registro .it aimed at high school groups visiting the Pisa CNR research area:

28 March: **"The Beauty of the Web"** - 3 classes of the Professional Technological Institute E. Fermi- G. Giorgi" (80 students and 6 teachers)

10 April: **"Discovering the Web"** – 2 classes of the Istituto Superiore Tanari-Manfredi of Bologna (39 students and 4 teachers)

17 April: **"The Secrets of the Web"** – 2 classes of the Istituto di Istruzione Superiore B. Cellini of Florence (47 students and 3 teachers)

18 May: **"The Web: Backstage"** – 3 classes of the Istituto Russell-Newton of Scandicci (Florence)





The seminars followed a varied and precise programme on all the dates covered:

09:15 - 10:00: **"Presentation of Registro .it"** by Giorgia Bassi

10:00 - 10:45: **"Social media: a universe in continual expansion"** by Maurizio Tesconi

11:00 – 11:45 **"Your car is spying on you"** by Ilaria Matteucci and Gianpiero Costantino

11:45 – 13:15 **"Networking lesson and visit to the servers"** by Dario Puliero



IF2018 inaugurates the key word #intelligenza

Chiara Spinelli



The Internet Festival returns, with its seventh edition: the appointment is in Pisa from 11 to 14 October. The key word for 2018 is #intelligenza, as explained by the concept: “Interpreting innovation through the key of intelligence means also speaking of artificial intelligence and the models inspiring technology. It means observing the processes of experience, learning and automation which increasingly enable machines to elaborate analyses and propose solutions of improvement and/or alternative solutions for complex problems. It means acting not only at a technological level, but at a cultural, political, ethical and social level for humanity to address the advantages and challenges that originated from the growing integration of artificial intelligence in daily life”. The programme of Registro .it activities for IF2018 will soon be available. This year’s Festival is in collaboration with the Pisa Chamber of Commerce so as to continue its tried and tested digital training itinerary for enterprises.

European Commission proposal on the conservation of electronic evidence in criminal matters

Gino Silvatici

The European Commission has presented a draft regulation 2018/0108 (COD) on access to data held by companies regarding the retention of electronic evidence in criminal issues.

The new rules would force ICT companies to provide all user data (such as phone numbers, credit card details, e-mail addresses, IP addresses, location data and others) directly to the relevant European authorities, even outside of their national jurisdiction.

According to this proposal, investigators would have the right to obtain the necessary data for criminal investigations within 10 days, and the time period can be reduced to 6 hours in case of emergencies.

For further information:

https://ec.europa.eu/info/files/proposal-regulation-cross-border-access-e-evidence_en

ICANN on gTLDs: board approves Temporary Specification

Arianna Del Soldato and Adriana Lazzaroni

On 17 May the ICANN Board adopted the Resolution relative to “Temporary Specification for gTLD data”.

This defines the temporary requirements on how ICANN and contracting parties (Registries

and Registrars) can respect existing contractual requirements and community-developed policies for the WHOIS database, while complying with the General Data Protection Regulation of the EU (GDPR) in time for its coming into force on 25 May.

The Temporary Specification provides a single provisional model that guarantees a common method for the RDDS (Registration Data Directory Services).

It enables Registries and Registrars, contracting parties of ICANN, to continue to collect registration data of natural and legal persons (including contact information of Registrant, Administrative and Technical contact). However, the majority of personal data given by a Registrant of a domain name will no longer be consultable, except for specifically selected and authorized subjects.

Users may contact the Registrant or Administrative and Technical contacts by means of an anonymized email or web form provided by the Registrar of the registered domain name. Registrants still have the possibility to choose whether or not to make the complete contact information publically available.

To ensure compliance with the GDPR, access to personal data in the WHOIS will be stratified (the so-called layered/tiered access).

This means that only users with a legitimate purpose may request access to non-public Personal Data. Until implementation of a unified access model, Registries and Registrars will decide which access requests are legitimate and allowed by the regulation.

In effect, this is the most controversial point of the provisional model of compliance with the GDPR formulated by ICANN and strikes a balance between the principles of privacy and that of Web security, which remains a difficult task for ICANN.

Registries and Registrars must apply the model described in the Temporary Specification for treatment of Personal Data associated with the European Economic Area (EEA). Where is it not possible to limit application of the requirements exclusively to the EEA, they can be adopted for domain name registration at a global level.

The Temporary Specification, approved unanimously by the ICANN Board of Directors, was adopted in accordance with the procedure for Temporary Policies described in the registry agreements and Registrar accreditation agreements.

The ICANN Board will confirm the validity of these temporary specifications every 90 days, and however for no longer than one year.

Emoticons as second-level domains in ccTLDs

Arianna Del Soldato and Adriana Lazzaroni

ICANN's ccNSO has set up a study group with the aim of providing the ccTLD community with a comprehensive overview of the issues regarding the use of Emoji as second-level domains and the need for registration of them.

The use of emoticons in domain names had already been an object of study by the SSAC (Security and Stability Advisory Committee) working group, which, in May 2017, expressed its opinion to the ICANN community and published "SAC 095: Advisory on the Use of Emoji in Domain Names".

This document specifies that the current IDNA (Internationalized Domain Names for Applications) standard excludes emoji from the set of codes/characters that make up an IDN domain name and asserts that their use should be discouraged at any level of a domain name.

Emoji, in fact, have become popular and are commonly used as part of a form of pictorial communication, mainly in chat rooms and social media, used to extend, or even replace, text. As such, however, they were created without any design requirement of mutual distinction and no standard specifies exactly how they should be visualized.

As a result, many emoticons are ambiguous and visually similar to each other and therefore difficult to distinguish, especially if viewed with small characters or with different applications. These ambiguities, within the context of their use in domain names, increase the risk of confusion of the user who could, therefore, be more likely to be deceived by a phishing site or by intentional misrepresentation of characters.

The use of emoji in domain names also represents a problem of accessibility, due to the fact that the emoticons are intrinsically visual constructs, but nevertheless there is no agreed way of defining or inserting an emoticon, which makes their use difficult for accessibility software.

Because security related to unambiguous domain names is a topic of major importance to ICANN and the global Internet community, the ccNSO Council has requested the study group to consider the recommendations contained in SAC 095 and its compliance with the IDNA2008 standard and its successors. If necessary, the group should suggest a future action line leading to an integration of the current recommendations on string evaluation policies that make up an IDN domain (“Draft Recommendations Overall Policy for the Selection of IDN ccTLD Strings”).

The study group will provide a final report and close their works no later than the CCNSO Council meeting scheduled for ICANN63 to be held in Barcelona, Spain.

International appointments in the world of the Web

(section edited by Gian Mario Scanu)

Icann (<https://www.icann.org/>)

22-28 June, **Panama City**, Panama: Icann 62

30-31 August, **Tallin**, Estonia: 18th Meeting of the ICANN-Studienkreis

Centr (<https://www.centr.org/>)

(only for members)

4-5 September, **Mechelen**, Belgium: 2018 CENTR Board offsite meeting

13 September, **Tallin**, Estonia: 57° Centr Legal & Regulatory Workshop

20-21 September, **Riga**, Lettonia: 45° Centr Administrative Workshop

Ietf (<https://www.ietf.org/>)

14-20 July, **Montreal**, Canada: 102nd IETF Meeting

Ripe (<http://www.ripe.net>)

18-19 June, **Timisoara**, Romania: See 7 / Ripe Ncc Regional Meeting

Altri eventi

11 June, **Roma**, Italy: NaMeX Annual Meeting