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QUARTER ●



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HEAD OF REGISTRO .IT

Marco Conti

Events, roadshow, IF and... surroundings

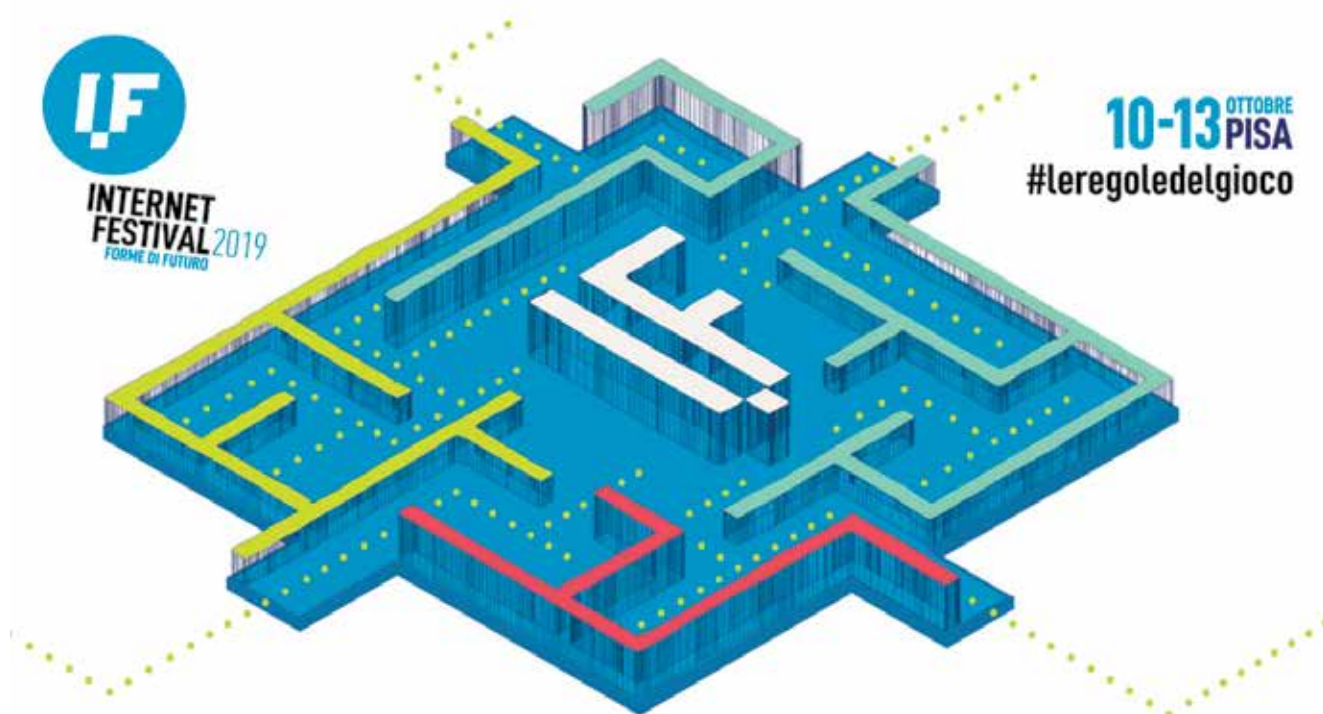
Francesca Nicolini

The communication campaign, The Internet Festival, the lessons held by the Ludoteca and the technical tools. The new season of Registro .it has just started

The last few months brought along figures and events, as well as a cargo of arrangements and energy for Autumn, during which Internet Festival will be the main event, with the news that it holds for us every year: Luca Sofri and the editorial Staff of 'Il Post' will lead us to the in depths of the digital world and, for the first time ever, they will be the protagonists of the event organised by the Registro.

The event about Web, that has been taking place in Pisa since 2011, is now in its ninth edition. Registro .it is the sponsor of this initiative, along with CNR, Institute for Informatics and Telematics, Municipality of Pisa, University of Pisa, Province of Pisa, Scuola Superiore Sant'Anna, Chamber of Commerce and Scuola Normale Superiore. In Autumn, schools reopen and the lessons held by the Ludoteca are back, and this year they will focus on the peer education project 'Let's Bit!': instruct older kids in the correct and conscious use of the Network, in DNS and names .it basics, so as to enable them to share the knowledge they have gained and to pass it to younger kids at elementary schools. For the first time ever, this year 'Let's Bit!' programme will land in Isola d'Elba. And just as the roadshow of Registro .it for the digitalisation of businesses is drawing to a close with its last stop in Erba, the new season is soon going to start, with technical and operating news: the launch of the brand new tool for General Data Protection Regulation (GDPR) and the introduction of registration fees for edu.it (which so far was free-of-charge). But still a lot of data, news, events and details can be found in the 2nd issue of Quarter .it 2019.

Enjoy the read!



Internet Festival is coming

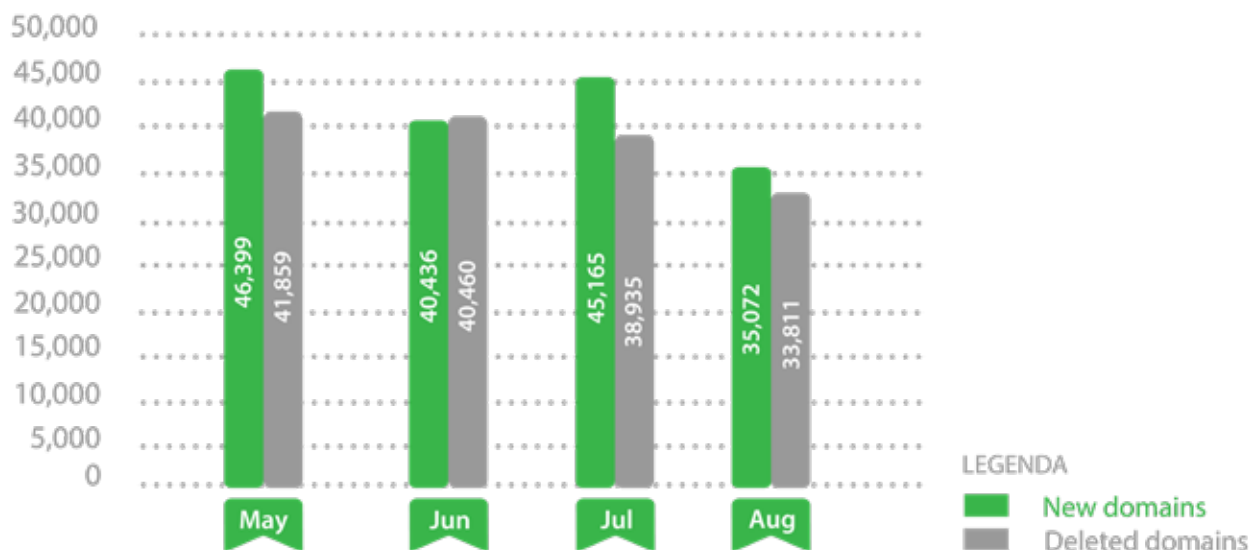
Chiara Spinelli

As every Autumn for three years, Internet Festival is coming. The space of Registro .it is attended by 'Il Post', the online newspaper directed by Luca Sofri, who, by means of press reviews, flash news, interviews, insights on digital evolution, domain names, Web structure and rules will bring an actual live newspaper on the stage of Officine Garibaldi in Pisa for two days. There will be guests from the worlds of Journalism, Entertainment and Web, who will tell us about our daily relationship with a tool that has been with us for thirty years, about which we still have many questions: from Makkox to The Jackal; from 'Terzo segreto di satira' to a countless number of journalists and experts of the net, such as Federico Ferrazza (Director of Wired Italia); from Massimo Mantellini, Christian Rocca (Linkiesta) and Carola Frediani to Paolo Nori, writer, who will entertain us with a speech on written Italian language and its various uses in whatsapp or at the local café; eventually, Carlo Blengino, Attorney, will tell us about the 'Rules of the Internet'.

Internet Festival will also be the occasion to present the market investigation on youth and the Internet, fostered by Registro .it and carried out by 'Centro statistica aziendale', the Center for business statistical surveys.

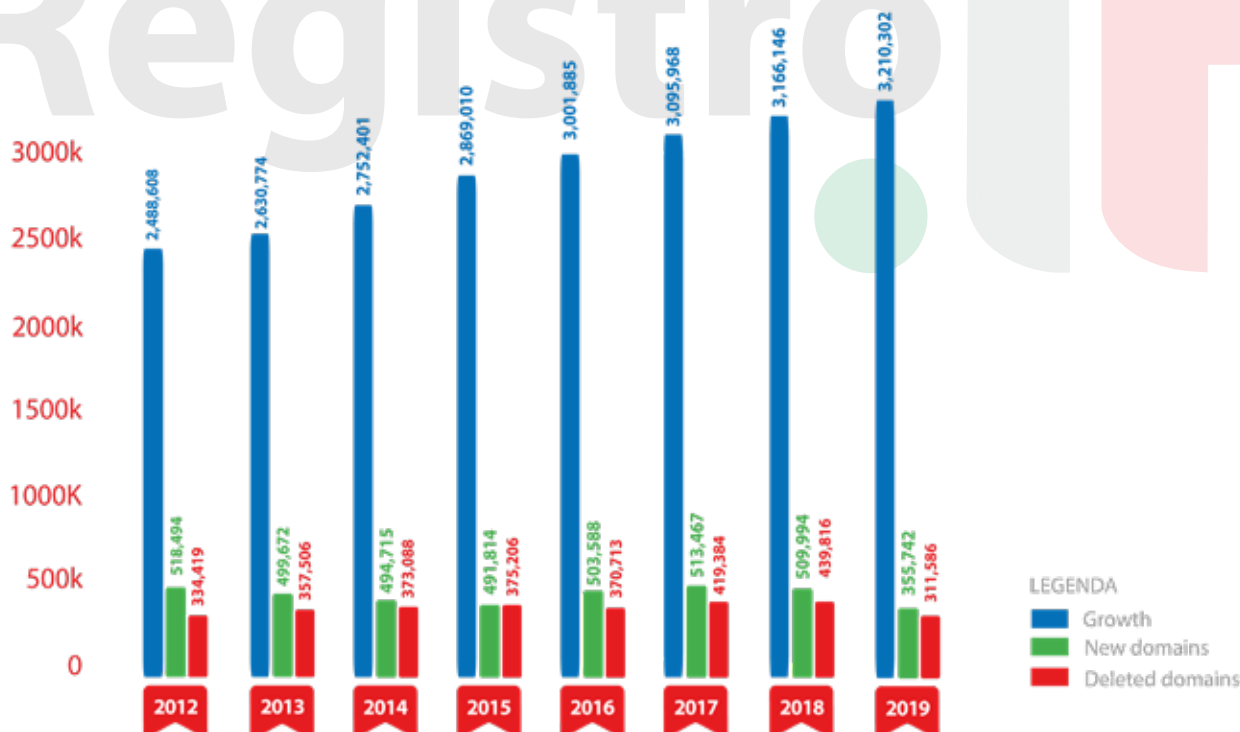


STATISTICS



GROWTH OF NEW REGISTRATIONS

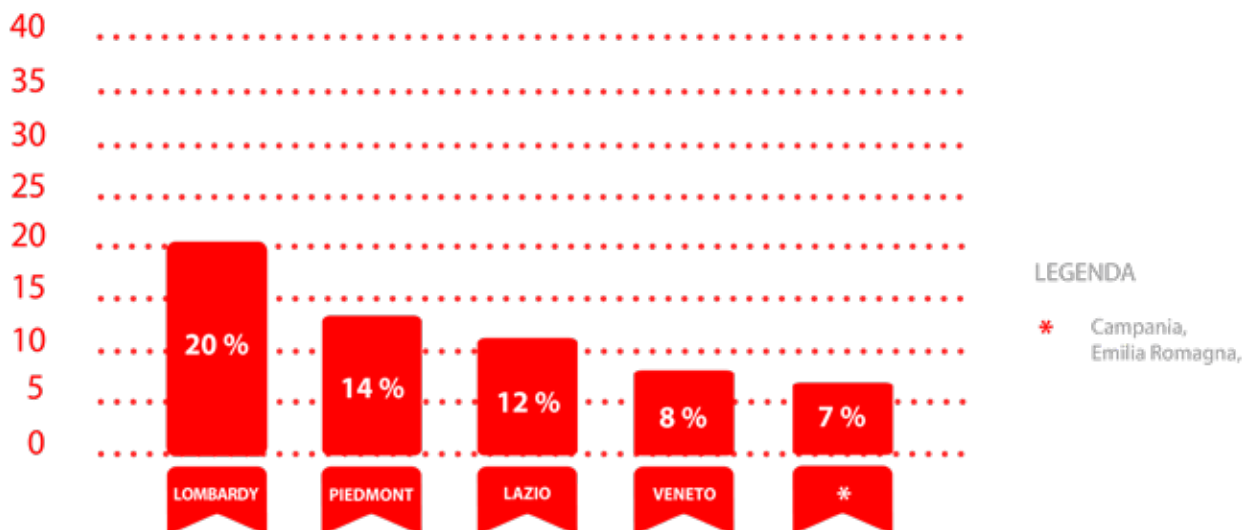
The trend analysis of domain names registrations shows that, in general, as occurred in the previous months, during the second quarter of 2019 new registrations exceeded the cancellations, with a meaningful discrepancy of 6,000 domains in July. The total difference is approximately 12,000 domains. Please note the slight increase in cancellations compared to the new registrations in June



ANNUAL GROWTH

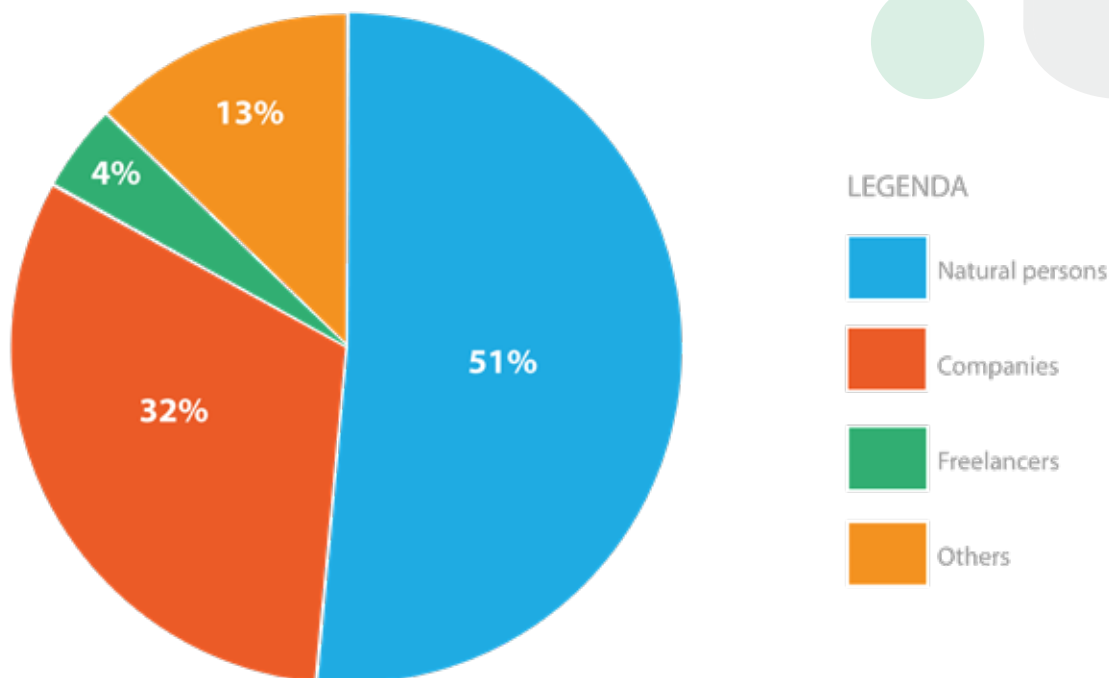
At the end of the second quarter, the overall amount of domain names .it exceeded 3 million 200 thousand, with a positive growth of 1.4%, compared to the end of 2018. This trend is in line with the one recorded during the previous quarters

STATISTICS



TOP REGIONS

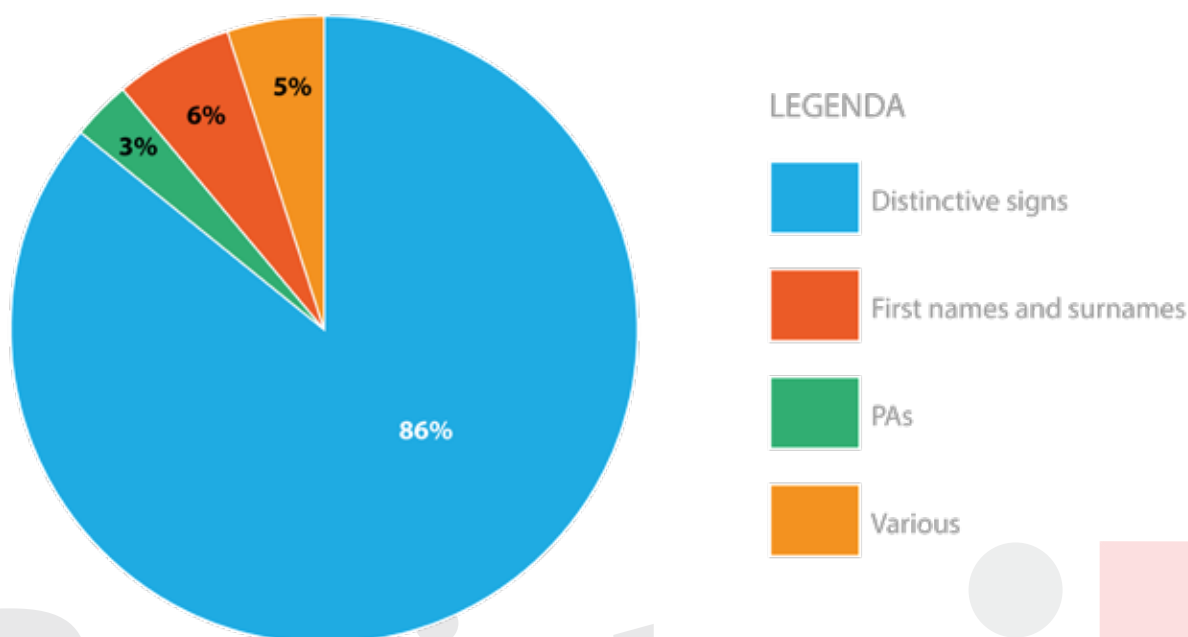
Lombardy Region, while losing two percentage points compared to the previous quarter, continues to hold the record in the registration of new domains. Furthermore, it is worth noting a better performance of Piedmont Region, at second place, with 14% of new domains against 8% recorded during last quarter. On the contrary, Lazio Region falls back one place and comes in third, still maintaining 12%. Campania Region falls back two places and, along with Emilia Romagna, holds 7%



ENTITY TYPES

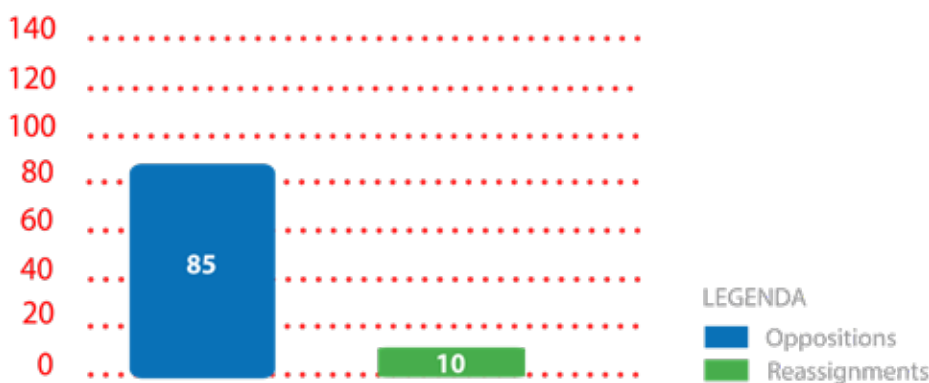
During the second quarter, the percentage of new registrations by natural persons increased at the expense of companies, reaching 51% compared to 45% of the first 4 months of the year. As occurred for companies, the percentage of registrations by freelancers decreased.

STATISTICS



REASONS FOR OPPOSITIONS

The outcomes of this second quarter are approximately identical to the outcomes of the previous one. The grounds of the oppositions relevant to 'distinguishing marks' are equal to 86%; 'names and surnames' are equal to 6% of the oppositions and the 'various' reasons are equal to 5%. Finally, 3% of the overall oppositions were requested by the Public Administrations



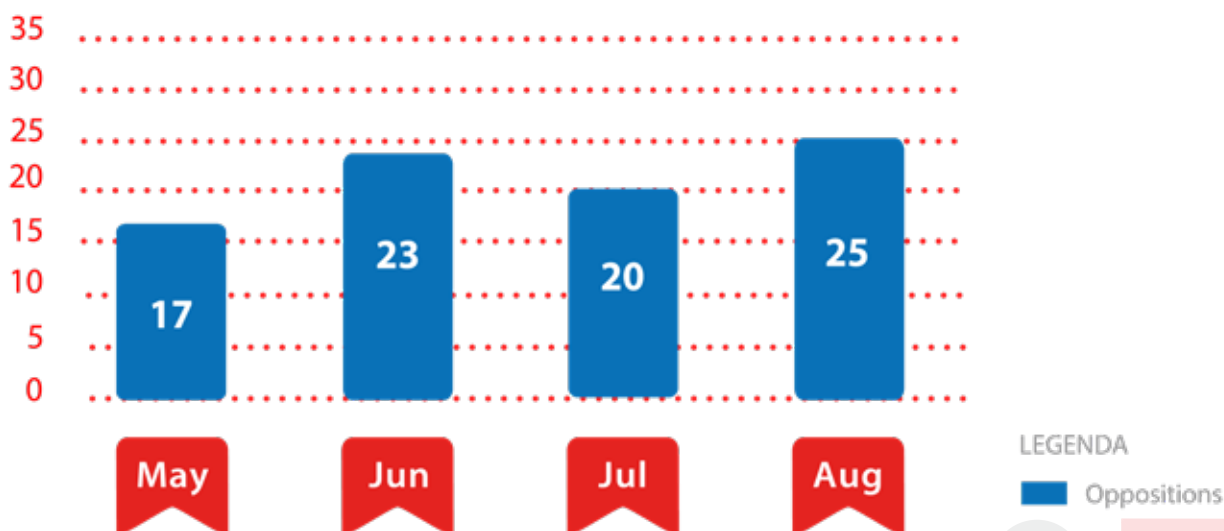
MAY - AUGUST 2019

OPPOSITION-REASSIGNMENT RATIO

During the second quarter of 2019, opposition procedures are 85, whereas reassignments are 10. The data are similar to the ones gathered during the previous quarter.

Of the 10 reassignment procedures: 6 have been introduced at the PSRD by Italian subjects against other national subjects, one of which was relevant to 3 domain names registered by a single subject; 3 have been introduced by Italian subjects against foreign assignees; the remainder was the only one introduced by a foreign assignee against an Italian assignee

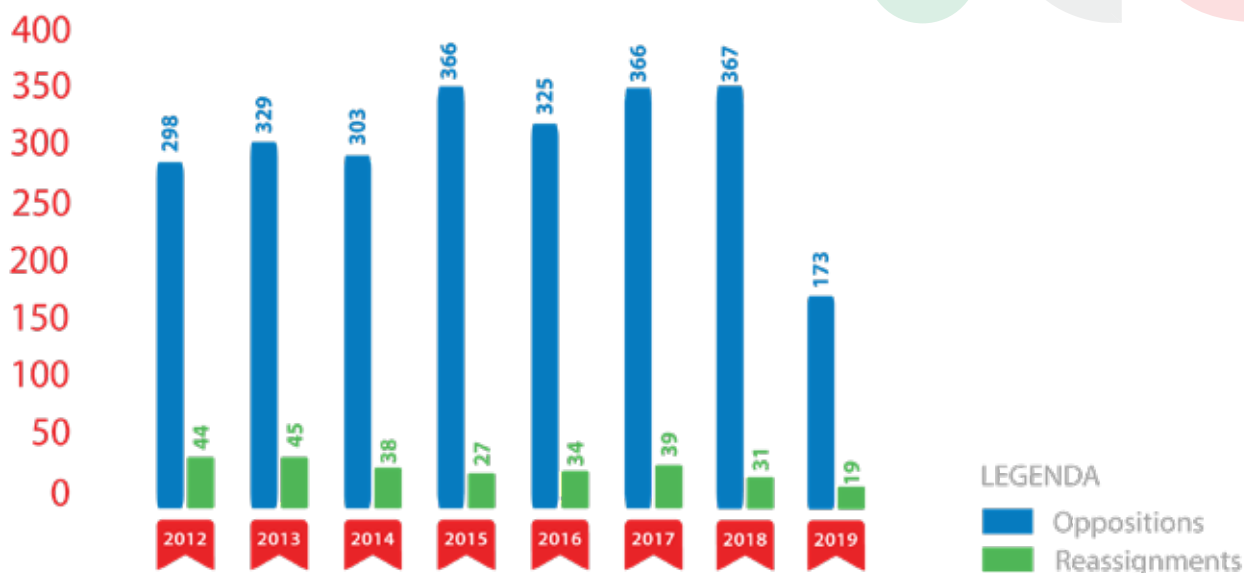
STATISTICS



TREND OF OPPOSITIONS

The trend of the oppositions traces the one of the previous period, remaining consistent with summer. The monthly average is equal to 21. Thus, it slightly differs from the average of the four previous months, which was equal to 22.

76 oppositions out of 85 claimed the distinguishing marks of the companies; 6 concerned names and/or surnames; 3 of them had various subjects

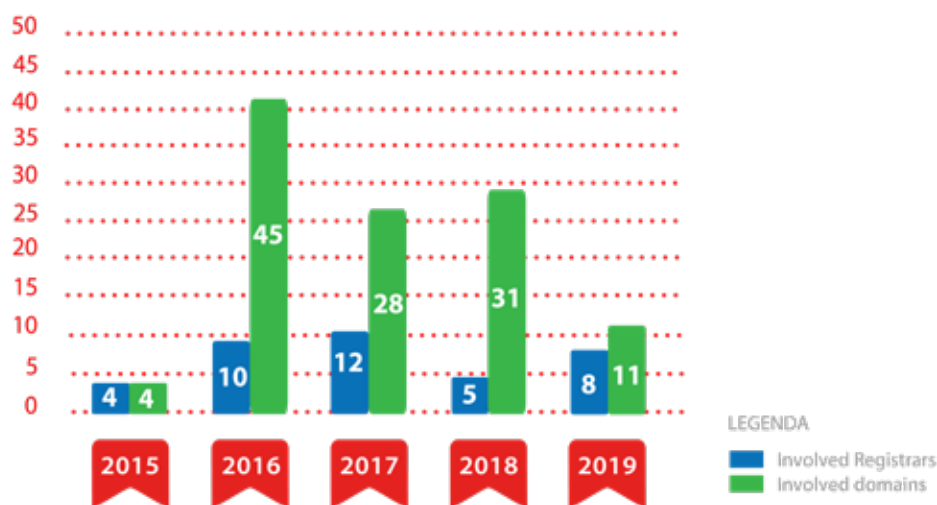


OPPOSITION-REASSIGNMENT TREND

The ratio of the amount of oppositions and reassignments is approximately 1 in 8, i.e. 1 subject out of the 8 that started the opposition procedure, subsequently turned to a PSRD to activate the assignment procedure.

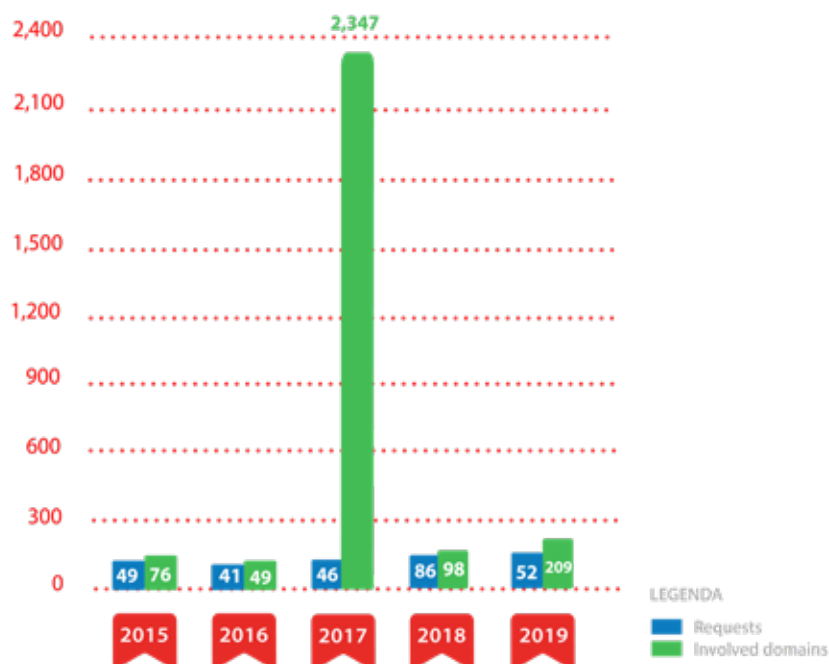
In 7 cases, the opponent or complainant obtained the domain name at the end of the procedure. The Board decided to terminate the proceeding in only one case. The 2 remaining procedures are currently being discussed by the Board

STATISTICS



AUTHINFO REQUESTS

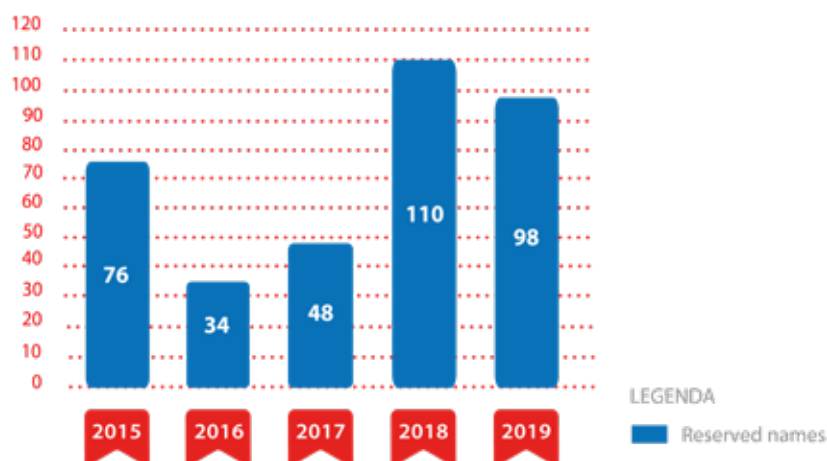
Throughout 2019, the amount of Registrars who have not complied with the contractual obligations relevant to Authinfo code release has increased. On the contrary, the amount of domain names for which the Registro had to release Authinfo code has significantly decreased.



REQUESTS FROM COMPETENT AUTHORITIES

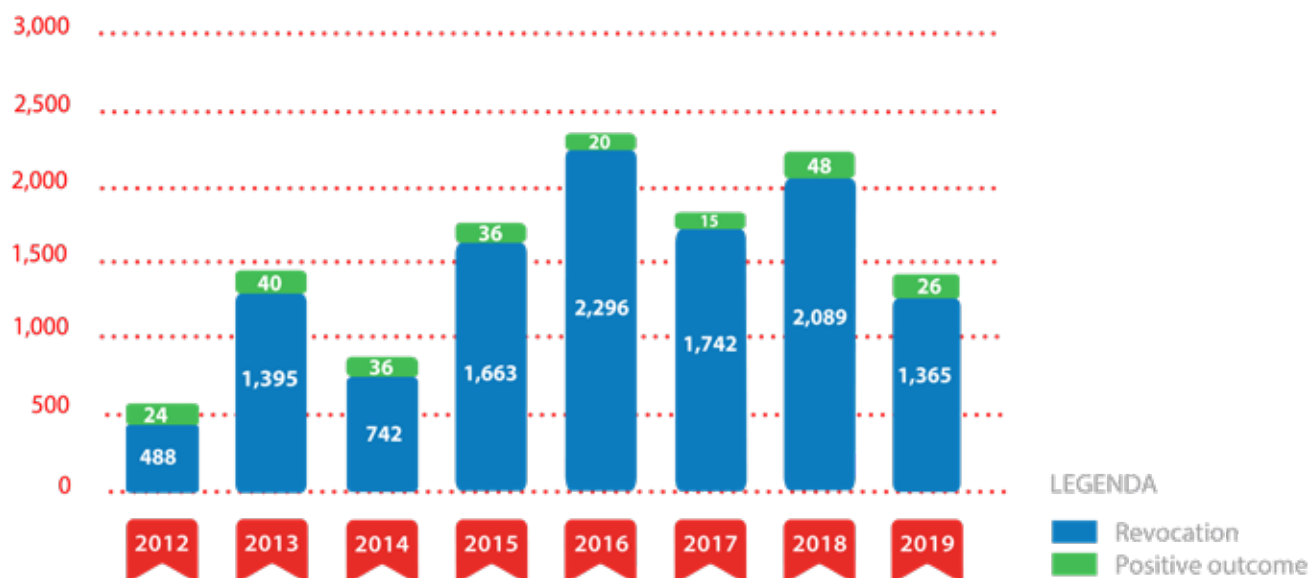
The number of requests is in line with 2018. The amount of domain names involved in proceedings activated by the competent authorities, who usually ask Registro for the data of the assignee (Registrant) of name .it, has significantly increased.

STATISTICS



RESERVED NAMES

During the second quarter, a slight increase in reserved names has been reported, due to the consolidation process of some Municipalities in many Italian Regions



VERIFICATION OF DOMAINS BY THE REGISTRO

There are no big discrepancies with the data collected in the past: the amount of domain names which undergo the verification of subjective requirements is still substantial. On every few occasions only, the assignee of the domain names involved in the verification process has proved the existence of his/her identity or company

The Registro has a new Head

Francesca Nicolini

The new Director of the Institute for Informatics and Telematics (IIT) of the National Research Council of Italy (CNR) is Marco Conti who, along with this position, has become Head of Registro .it.

Conti has succeeded Domenico Laforenza, who led the Institute for 11 years. The President of the CNR, Massimo Inguscio has nominated the former Director as 'Emeritus Researcher', and thus he will continue to work in IIT-CNR with this new role.



Marco Conti

The new Director, born in 1962 and graduated in 1987 in Computer Science at Pisa University, has already managed the Engineering, ICT and Technology for Energy and Transport Department for 4 years (from 2012 to 2016). Two years ago, in November 2017, he was included in the '2017 Highly Cited Researchers' list for 'Computer Science', being the only Italian Computer Specialist to be part of this chart. The nomination was a recognition for being among the top 1% researchers whose articles on Computer Science have been cited the most.

Recently, at the end of 2018, he was awarded the title of 'Commendatore' by the President of the Republic, Sergio Mattarella, for his scientific merits.

Registro roadshow on digital marketing at its final stage

Chiara Spinelli

Food, third sector and Mechatronics: the roadshow of Registro .it dedicated to the digitalisation of small companies is still crossing Italy, from North to South. After Ercolano, Rome and Modena, which had a great turnout, the touring initiative will complete its route on 7 November, with an event dedicated to furniture and design, that will take place in Erba. As usual, the final stage will give the floor to trainers specialised in digital themes, stories of success in different sectors and local Registrars.



Registro Roadshow in Rome



Registro Roadshow in Rome: in the first row from right Domenico Laforenza, Anna Vaccarelli and Gianluca Diegoli



Registro Roadshow in Rome: from left Fabiana Mussicco (Refugee Welcome), Valeria Vitali (Rete del dono) and Donata Columbro (Content strategist e digital campaign advisor for the non-profit sector)



Registro Roadshow in Rome



Registro Roadshow at Ercolano (NA)



Registro Roadshow at Ercolano (NA)



Registro Roadshow in Modena, Anna Vaccarelli and Giampaolo Colletti



Registro Roadshow in Modena, Gianluca Diegoli

For the third consecutive year, the Registro will take part to Festival Conversazioni sul Futuro

Chiara Spinelli

This year as well, Registro .it will participate in the 'Festival Conversazioni sul futuro', which will be held in Lecce from 24 to 27 October. On 26 October, the editorial staff of 'Il Post' will entertain the event of the Registro with the format 'Punto it. Stories and news from the Internet, Italy', as it did during the Internet Festival, hosting Agnese Pini, new Director of 'La Nazione' Newspaper, and Alessandro Masala, a very successful youtuber with his channel 'Breaking Italy'. The guests will discuss on media and Web with Luca Sofri.

Registrars' courses

Beatrice Lami

From 11th to 13th June, a course on Cybersecurity took place at the CNR Pisa Research Area.

The upcoming events will be held on 13rd and 14th November, in partnership with the Academy del Registro .it, at the CNR Bologna Research Area, where three courses focusing on the following topics are scheduled: DNSSEC, EU General Data Protection Regulation (GDPR) and Authinfo Code.

Eventually, on 3rd and 4th December a second edition of the course on EU GDPR will be held in Naples.

The activity of the Ludoteca of Registro .it starts again

Giorgia Bassi

With the beginning of the new school year, the Ludoteca of Registro .it resumes its digital education activities in schools. The lab on Cybersecurity for kids will start on 27th September, on the occasion of the International event 'Bright, la Notte dei Ricercatori', which annually takes place in the CNR Pisa Research Area.



Let's bit!

The peer education project 'Let's Bit!' inaugurates the new season of class. Moreover, this year, a high school of Elba Island will attend 'Let's Bit!'. The same class will visit the CNR for a lesson on cybersecurity, held by the Researchers of the Institute for Informatics and Telematics of the CNR.

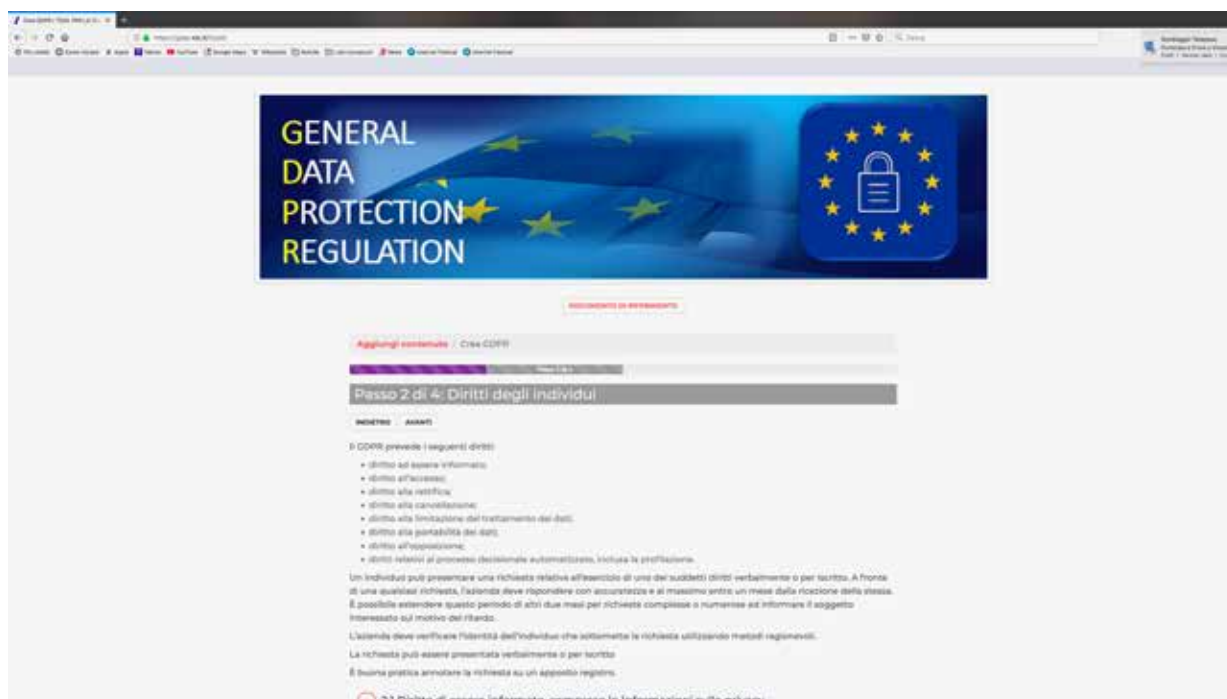
From 10th to 13th October, the unmissable appointment with Internet Festival will be held at Centro Congressi Benedettine in Pisa, with games dedicated to Network and a focus on its resources and potential risks.

And finally, on 11th October, the Ludoteca will attend the third edition of Didacta, the exhibition dedicated to the world of education, with a seminary held to present the activities and the laboratories focused on Cybersecurity.

A new service of the website of the Registro: GDPR tool

Stefania Fabbri

The Internet Services and Technological Development Group of the IIT-CNR and the Registro .it has devised and implemented a tool for assessing compatibility with the General Data Protection Regulation (GDPR), in order to support the organisations that process personal data in verifying their compliance with the GDPR.



The GDPR, in force since May 2018, regulates the purposes and methods to process personal data and applies to all processing activities conducted by organisations operating within the European Union, including non-EU organisations providing products and services to European people. The General Regulation on Data Protection consists of a set of rules that impose on organisations to collect data on a legal basis, ensuring users' right to access, revocation, portability, etc.

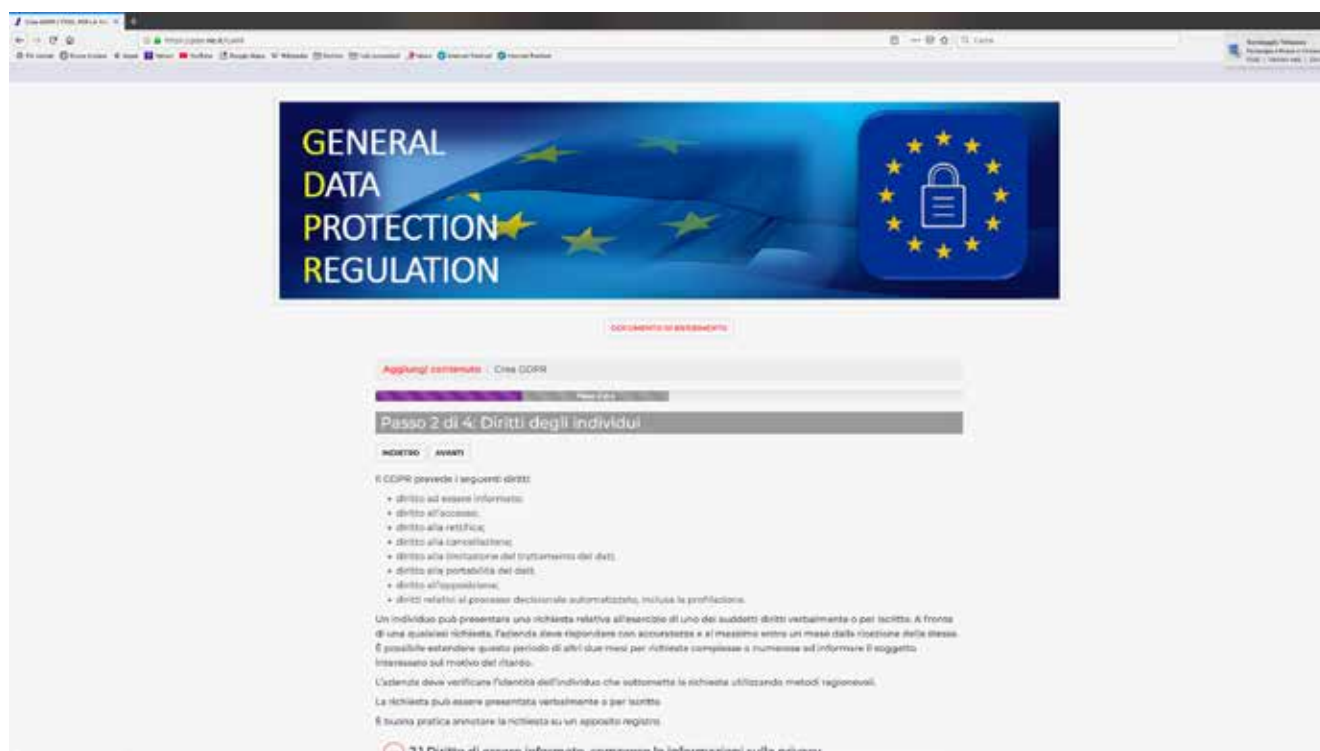
HIGHLIGHTS

Furthermore, the GDPR requires data holders to promptly communicate to the Guarantor Authority any violations and sensitive data breach, or else to pay exemplary fines. Ultimately, the GDPR suggests monitoring, reviewing and improving security and quality of personal data processing activities since their design, in order to adequately respond to computer crime cases.

The tool is an interactive tool divided into 30 questions and four parts:

1. Legal bases, fairness and transparency
2. Rights of individuals
3. Responsibility and governance
4. Data security, international transfers and violations.

A score is associated with each answer. Following the survey, an overall assessment of one's level of compliance with the GDPR is provided.



CENTR in Pisa: 15th R&D Workshop

Francesca Nicolini

For the first time, on 27th and 28th November, the 15th CENTR R&D workshop will be held in Pisa, hosted by Registro .it.

CENTR (Council of European National Top-Level Domain Registries) is the association of country code top-level domain (ccTLD) registries (e.g. .it in Italy, .de in Germany or .si for Slovenia).



Namely, the R&D Working Group deals with technology and innovation looking ahead towards the future and the activity of the members of Centr.

The group is composed of:

- Dr Cynthia Wagner Co-chair
- Mr Erwin Lansing Co-chair
- Mr Patrick Myles Secretariat support

The Internet Services and Technological Development Group of the Registro .it will attend the R&D Working Group.

edu.it: liberalisation for schools and fee-based service

Stefania Fabbri

Just a year after the launch of edu.it, 6,414 domain names have been assigned, of which 5,333 used to appear in the list of domains reserved for schools that already had a gov.it domain name. The non-reserved registered domain names amounted to 1,081.

The domain names of schools, which used to have a gov.it extension and had been reserved in the edu.it Second-level domain (SLD) for a period of one year, became available on 20 September 2019 and will be assigned according to the chronological order in which the requests were submitted.

On that same date, the registration of edu.it domain names ceased to be free and started requiring the payment of the same fees that are applied for the registration and maintenance of .it domains.

The new digital Agenda of the European Commission

Gino Silvatici

The European Parliament elected Ursula Von Der Leyen as new President of the European Commission. She will direct the work of the Commission for the next five years, starting from 1st November 2019.

The 'digital agenda' of the new President regulates the 5G Networks across Europe and the standardisation of next-generation technologies, such as the Blockchain.

Furthermore, during her first 100 days, Von der Leyen will submit a proposal for a European approach in line with human and ethical significance of artificial intelligence, and the update of the regulations on liability and safety for platforms, services and digital products, thus completing the 'Digital Single Market'.



The plan of the European Commission for IT security certification

Gino Silvatici

On 23rd July, the European Commission updated the newly-elected MEPs during the Committee on Industry, Research and Energy (ITRE) of the European Parliament, about the project relating to the upcoming certification as stipulated by the European Law on Cybersecurity, in force since 27th June 2019 and relevant to products, services and digital processes.

According to the plan of the Committee, the ENISA has the tools to develop the certification systems of EU cybersecurity and aims to release certifications for 5G networks. As for the certification on digital infrastructures (such as the Register of the European Internet Domain Names), the decision will be taken after the establishment of the Commission, in November 2019. According to the estimates made by the European Commission, regulations on Cybersecurity should encourage the 'operators of essential services' to ask for certifications in order to comply with the obligations laid down by the network and with the guidelines on safety of the information systems, established by the NIS.



Security and Stability of the Internet: the new EBERO providers

Arianna Del Soldato and Adriana Lazzaroni

In August, ICANN announced the selection of three new EBERO Providers: Emergency Back-End Registry Operator.

One of EBERO's providers is temporarily activated by ICANN when the Registry Operator of a GTLD can no longer guarantee at least one of the 5 functions that the community deemed essential to a Registry: resolution of DNS, registration of a domain name or a Registration Data Directory Services (RDSS), retention of data in a protected area and preservation of the Root zone, in line with the DNSSEC requirements.

The backup process, involving EBERO Providers, was created by ICANN under the registration programme of GTLDs. The objective is to protect the Registrants (domain assignees) and to provide a further protection level in DNS and, generally speaking, in the registration of domain names. The new EBERO providers have been selected among the organisations that participated in ICANN call, published in October 2018, and will be in charge for the next five years.

The selected organisations are: 'China Internet Network Information Center' (CNNIC), 'Canadian Internet Authority' (CIRA) and 'Nominet'.

Cyrus Namazi, senior deputy-president of ICANN 'Global Domain' Department stated: 'CNNIC, CIRA and Nominet have the experience, the personnel and the systems required to perform an efficient transition, in case an EBERO event occurred'. 'Furthermore, their geographical location is an advantage, which will allow service provision to different regions and different time zones, in case of regional disasters'.

ICANN is assigning .amazon domain name

Arianna Del Soldato and Adriana Lazzaroni

The giant of e-commerce, Amazon Inc., has finally obtained the top-level domain name .amazon, after a seven-year dispute with the eight Amazon countries of Latin America, which requested it for exclusive use, due to the extension of Amazon Forest on their territories.

By the resolution of last May, ICANN concluded that there are no substantive reasons of public order in contrast with the participation of .amazon to the new GTLD programme, and granted 30 days of public comment before proceeding. The conclusion was drawn when the Countries of the Amazon Basin (Brazil, Bolivia, Peru, Ecuador, Venezuela, Guyana and Suriname) did not come to an agreement.

Amazon committed not to use 'important words for the culture and the heritage of Amazon region', approximately 1500, with its domain. On the other hand, Amazon countries could use nine domains for non-commercial purposes and in order to promote the culture and the heritage of the region, without vetoing on specific names.

The conditions offered by Amazon to stop the war with Latin America did not satisfy the Countries concerned, which asked ICANN to take a final decision.

The coalition of Latin America's Governments, gathered in the Amazon Cooperation Treaty Organization (ACTO), affirmed that the decision taken by ICANN did not take into account the interests of the South American Governments concerned and that it undermined the rights of sovereign States, intended to defend the cultural, natural and symbolic heritage of the nations and peoples in the Amazon region. The Brazilian Minister of Foreign Affairs deemed this decision discriminatory, announcing its intention to ally with the other Governments concerned, in order to continue their battle against Jeff Bezos' Company.

International appointments in the world of the Web

edited by **Gian Mario Scanu**

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

7 October, **Lisbon**, Portugal: 19th Meeting of the ICANN Studienkreis

2-8 November, **Montreal**, Canada: Icann66

Centr (<https://www.centri.org/>) **FOR MEMBER ONLY**

8 October, **Bruxelles**, Belgium: CENTR Registrar Day 2019

9 October, **Bruxelles**, Belgium: 62nd CENTR General Assembly

10 October, **Bruxelles**, Belgium: CENTR Leaders Meeting

13 October, **Rotterdam**, The Netherlands: 41st CENTR Technical Workshop

17-18 October, **Rotterdam**, The Netherlands: 30th CENTR Marketing Workshop

28 October, **Stockholm**, Sweden: 18th CENTR Security Workshop

14 November, **Bruxelles**, Belgium: 3rd CENTR Academy

27-28 November, **Pisa**, Italy: 15th CENTR R&D Workshop

9-10 December, **Bruxelles**, Belgium: 5th CENTR WG Chairs/Vice-Chairs Meeting

21-22 January, **Bruxelles**, Belgium: 61st CENTR Legal & Regulatory Workshop

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

18-22 November, **Singapore**, Singapore: 106 IETF Meeting

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

14-18 October, **Rotterdam**, Olanda: 79th Ripe Meeting

Other events

10-13 October, **Pisa**, Italy: Internet Festival

29-31 October, **Turin**, Italy: Italian IGF

25-29 November, **Berlin**, Germany: 14th Global IGF