

Introduction of business standards



In August and September, all departments of the RNIDS Office were busy creating the new **RNIDS Organisational Framework**, which has four levels. The objectives on the highest level are defined as "Organisational Objectives", of which there are four: **Development of the Registry and the Domain Market, Business Excellence, Organisational Development of the Foundation, and Support for the Development of the Internet in Serbia.**

The organisational framework was created following an extensive analysis of all processes and projects being worked on in the Foundation, adopted operational plans and the new draft of the RNIDS Strategy as well as after analysing the organisational frameworks of similar organisations in Europe and elsewhere in the world.

Within the context of the new Organisational Framework, the Office is also preparing a new structure for work reports and a new budget concept and structure. One of the goals is to facilitate easier identification and monitoring of key performance indicators (KPI).

Independent audit

The independent company **Stanišić Audit** began auditing the 2013 financial statements of RNIDS in late July.

The opinion of the independent auditor was positive, indicating that the financial statements of RNIDS presented the financial position of the Foundation truthfully and objectively in all materially significant matters, as well as that the operating results for 2013 were in accordance with applicable accounting regulations.

Analysis of the domain market



In September, **research was conducted into the Internet presence of 150 Serbian companies** with the largest net profit in 2013. The results of the research show that 121 companies (80.6%) have a registered .RS domain name. Of this number, 99 firms have their own website on a .RS domain, 16 domains redirect, mainly to the related .COM domains, and 6 domain names are parked.

When the **top 100 domestic companies** are looked at, the picture improves somewhat, as 84 of these companies have a registered .RS domain name, i.e. 84%. Of this number, 67 firms have their own website on a .RS domain, 12 domains redirect, mainly to the related .COM domains, and 5 domain names are parked.

The general conclusion drawn from the research is that firms in Serbia are generally aware of the importance of the .RS domain and mainly register domains equivalent to the names of their firms, but their brands and products are poorly protected. A substantial number of widely recognised brands and products are still not protected with an adequate domain name.

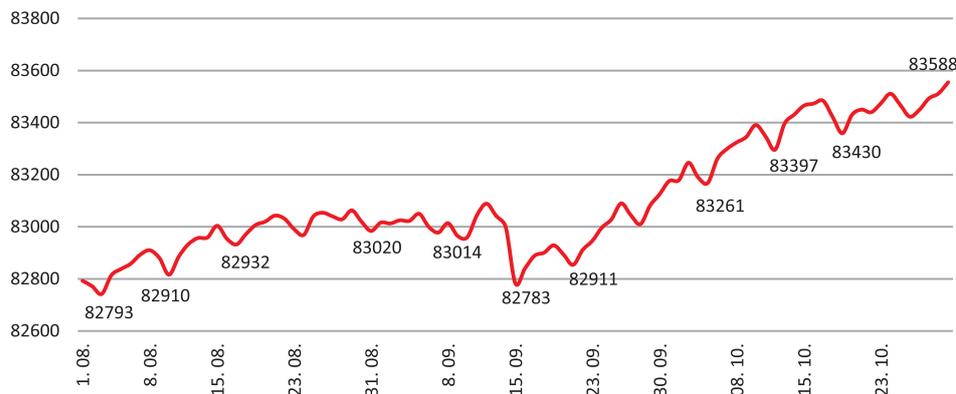
Domain dispute

On 1st August the **Committee for the Resolution of Disputes Relating to the Registration of National Domain Names** reached a decision regarding the domain names **hagleitner.rs** and **hagleitner.co.rs**, which were covered by a single claim.

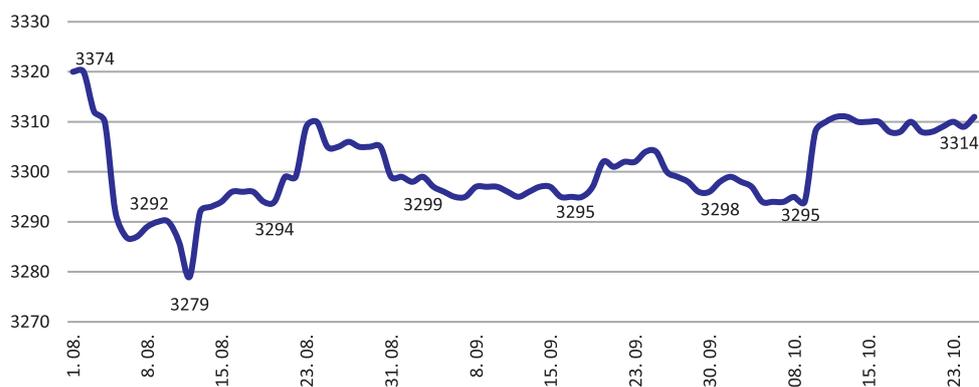
The claimant was the company Hans Georg Hagleitner from Austria, which won the dispute and was given the right to use those two domain names.

Domain statistics

Number of registered .RS domain names, Jul-Sep 2014



Number of registered .CPB domain names, Jul-Sep 2014



Security and reliability of RNIDS services

There was a DDoS attack on the RNIDS DNS servers in late August. The attack lasted just under 10 days and was not of a high intensity (about 400% of the standard number of DNS requests).

The attack was spotted by an analysis of the activity of the DNS servers and it in no way affected their operation and response times for regular users. Standard methods were used to carry out the attack and it did not contain elements of a high-intensity DDoS attack on the infrastructure of another Internet user. A traffic analysis showed that the infrastructure of the operators and cloud providers Hurricane Electric (USA), Hetzner (Germany) and Brennan IT (Australia) were used.

Besides this DDoS attack, **attacks on the RNIDS website** were also noted, from addresses in Bosnia and Herzegovina, Turkey, Montenegro, Albania and Kosovo and Methohija, but the system's protection mechanism ensured uninterrupted operation of the web service. All the attacks were logged in the RNIDS ICT incident database, as per rules introduced previously.

During the third quarter, all RNIDS services - the domain name registration system and the DNS servers, operated without interruption and **uptime for users was 100%**.

RNIDS in brief

The **Serbian National Internet Domain Registry (RNIDS, for short)** is an professional, non-governmental, not-for-profit foundation established to manage the .RS and .CPB country code top-level domains in a way that serves the general interests of all Serbian citizens while adhering to the principles of quality, efficiency, independence and transparency.

RNIDS has **58 Co-founders** and **40 accredited registrars**, and currently there are about **83,000 .RS domain names** and about **3,500 .CPB domain names** registered in a total of 14 domain name spaces.

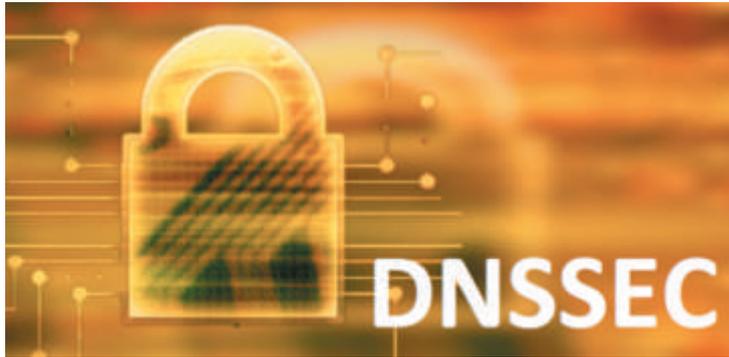
REGISTRAR



Accredited .RS and .CPB domain registrars throughout Serbia:

- Absolut OK (Belgrade) - www.absolutok.rs
- AVcom (Belgrade) - www.avcom.rs
- Akton (Belgrade) - www.akton.rs
- Banker Internet (Niš) - www.banker.rs
- BG svetionik (Belgrade) - www.bgsvetionik.rs
- BeoNET (Belgrade) - www.beonet.rs
- BeoTelNet-ISP (Belgrade) - www.beotel.rs
- BeoTelNet-Carrier (Belgrade) - www.beotel.rs
- Bolji Biznis (Kragujevac) - www.boljibiznis.com
- Verat (Belgrade) - www.verat-hosting.rs
- Gama Electronics (Belgrade) - www.bits.rs
- Dream Technologies Group (Belgrade) - www.dtg.rs
- EUNet (Belgrade) - www.eunet.rs
- Exe Net Advertising (Niš) - www.exehosting.rs
- Informatika (Belgrade) - www.infosky.rs
- JP PTT Srbija (Belgrade) - www.ptt.rs
- Loopia (Niš) - www.loopia.rs
- Madnet (Pančevo) - www.madnet.rs
- Mainstream (Belgrade) - www.mainstream.rs
- Medianis (Niš) - www.medianis.rs
- Mobius (Bački Petrovac) - www.webcentar.rs
- NiNet Company (Niš) - www.ninet.rs
- NordNet (Subotica) - www.nordnethosting.rs
- Orion telekom (Belgrade) - www.oriontelekom.rs
- Panet (Pančevo) - www.panet.rs
- Plus hosting (Novi Sad) - www.plushosting.rs
- SBB (Belgrade) - www.sbb-solutions.rs
- Sinet (Belgrade) - www.sinet.rs
- StanCo (Petrovac) - www.istanco.rs
- Targo telekom (Belgrade) - www.targotelekom.rs
- Telekom Srbija (Belgrade) - www.open.telekom.rs
- TippNet (Subotica) - www.tippnet.rs
- Hosting90 Systems (Belgrade) - www.hosting90.rs
- HostingMania (Belgrade) - www.hostingmania.rs
- Cloud Telecommunications (Bgd) - www.cloudserbia.com
- Complus Visual Communication (Bgd) - www.complus.rs
- Connect (Novi Pazar) - www.connect.rs
- CRI Domains (Belgrade) - www.cridomains.rs
- Yellow Pages (Belgrade) - www.yellowpages.rs
- Yunet International (Belgrade) - www.yunethosting.rs

DNS Security Extensions study



In cooperation with RNIDS, Singidunum University carried out a study titled "DNS Security Extensions (DNSSEC)". DNSSEC - Domain Name System Security Extensions, is a standard for DNS servers which increases the security of DNS server users by signing DNS server responses using public-key cryptography, allowing their authenticity to be verified.

Signing of complete zones on DNS servers enables the establishment of secure communication, firstly between the different DNS servers exchanging information, and then with the end user who receives accurate, unaltered information about where the server is located. RNIDS is planning the introduction of DNSSEC for the national .RS and .CPB name spaces, whereby it will join the other European registrars who have already enabled this for their users.

Based on the analysis of standards, experiences and relevant documents, the Singidunum University study provides recommendations and guidelines for implementing DNSSEC.

Exhibition at the CPS



To mark the Day of Science on 10th July, also the birthday of Nikola Tesla, the **mobile exhibition "Tesla's Vision of the Internet"** was set up in the Science Club of the **Centre for the Promotion of Science (CPS)**. The exhibition, repeated for the third year running, was open to visitors from **10th to 18th July**, and represented the continuation of cooperation between the Centre for the Promotion of Science and RNIDS.

The travelling exhibition and www.teslinavizijainterneta.rs show that humankind could have been given the forerunner of today's information and communication technologies back in the very early 20th century if only investors had wanted to invest in Tesla's visionary ideas.

International summer academic course C.O.D.E.



From the **20th to 30th of July**, Niš was the venue of the **7th International Summer Academic Course C.O.D.E. – Create Opportunities Dream Excitement**, organised by the local Niš chapter of BEST - the Board of European Students of Technology. RNIDS was one of the partners of the academic course which gathered home and foreign technology faculty students from 95 European universities.

The academic part of the course comprised 35 hours of expert lectures, trainings and workshops on web programming. Course participants had the chance to hear the basics of managing IT projects and learn about the tools that are available for ensuring effective team work.

A workshop sponsored by RNIDS saw the international group of students develop a **mobile WHOIS application** that includes support for Serbian national domains. After the introductory lectures about RNIDS and the WHOIS service, 40 students, divided into 7 groups, began working on coming up with applications and in the end, after a full day of work, two groups succeeded in developing the application.

Work on the user interface and further improvements continued in September so the application could be made available to all interested Internet users in the next quarter.

MORE INFORMATION: www.bestnis.org.rs/summer14



International activities



52nd CENTR General Assembly

Vojislav Rodić and Danko Jevtović attended the 52nd session of the General Assembly of the association of European registries CENTR, which was held between **30th September and 2nd October** in Brussels. Vojislav Rodić gave a presentation on the newly-adopted RNIDS Ethical Codex.

MORE INFORMATION: www.centr.org/ga52

7th International conference for ccTLD registries and registrars of CIS, Central and Eastern Europe

From **9th to 12th September**, in Baku, Azerbaijan, the 7th International conference for ccTLD registries and registrars of CIS, Central and Eastern Europe was held. Dusan Stojičević represented RNIDS and was tasked with improving contacts with representatives of the Russian and Chinese ccTLD registries.

MORE INFORMATION: <http://meeting.cctld.ru>

33rd CENTR Admin Workshop

The 33rd CENTR Admin workshop was held in Talinn, Estonia, on **18th September**, which Stefan Kovač and Vladimir Aleksić attended on behalf of RNIDS. As part of the section of the workshop devoted to domain lock, Stefan Kovač gave a presentation on the .RS and .CPB domain lock feature. The presentation explained the mode of operation and the procedures related to locking .RS and .CPB domains, as well as statistics and trends on the use of this option, from its introduction to the present day. Special focus was on an analysis of the domain names which were affected by the incident at the end of 2012. At the end of his presentation Kovač spoke about the plan to implement the domain lock in the new software.

MORE INFORMATION: www.centr.org/admin33



45th CENTR Legal & Regulatory Workshop IGOV2 Final Symposium

Between **8th and 11th September**, Dejan Dukić participated in two events, IGOV2 and the CENTR Legal and Regulatory workshop, which were held one after the other in Oslo, Norway.

The topic of IGOV2 was "Governance of the Domain Name System and the Future Internet: Legal, Economic and Political Challenges". The majority of the lecturers were university professors, meaning the lectures were of an ex cathedra character. This project aimed to study the governance of the domain name system from a legal standpoint with an emphasis on its contractual aspects. The research also covered the new generic top-level domains, the number of which is constantly growing, and the problem of protecting intellectual property rights which is becoming ever greater. Mechanisms such as the Trademark Clearinghouse and the Uniform Rapid Suspension System do not have the capacity to resolve these matters completely. Besides this, they also generate large, additional costs for intellectual property holders and require additional resources to be used. A significant portion of the research dealt with the contractual structure of DNS governance with one section analysing the functioning of contractual relationships from the point of view of different jurisdictions. The academic approach taken meant that the analysis was considerably more detailed and time-consuming, and thus the IANA transition, which took place too late, was not covered by this project.

MORE INFORMATION: <http://igov2.wordpress.com>

The highlight of the **Legal and Regulatory workshop** was a presentation by guest speaker Prof. Patrick Van Eecke, PhD, from the Faculty of Law in Antwerp, which was dedicated to the issues registries face as intermediaries of Internet traffic. All registries, at least occasionally, have to deal with requests to delete domain names or to deliver data about a registrant whose domain has breached third-party rights. It is not uncommon for registries to themselves be the subject of legal action in such situations. A lively discussion was held about the actions of individual national registries, and it was concluded that practice between registries differs greatly. Perhaps only those who have clearly defined this issue at the national level are the Dutch, who have established Notice and Takedown procedures. Just prior to this event, it was confirmed that in September 2015, the CENTR Legal and Regulatory workshop will be held in Belgrade, which had been discussed a number of times previously with CENTR.

MORE INFORMATION: www.centr.org/legal45