

ccTLD AL

ICANN Workshop
Sofia, October 2006

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Genesis

- 21st April 1992: University of Tirana
 - Faculty of Natural Sciences, Dept. of Informatics
 - First International link
 - CNUCE, Pisa – Italy, Francesco Gennai
 - EARN dial-up connectivity
 - First domain names for email service
 - uniti.al MX cnuce.cnr.it
 - dinf.uniti.al MX cnuce.cnr.it
 - Worked only for a few months
 - Grave technical telecommunication problems
 - Forgotten ...

Revival

- Copernicus Project "ETCETERA"
 - Institute of Informatics and Applied Mathematics (INIMA)
 - Restarting the contact with CNUCE
 - Initiative to continue administration of ccTld .AL
 - Internet dial-up access
 - 1994: SARITEL, Rome – Italy
 - Email address inima@saritel.it
 - 1995: CNUCE, Pisa – Italy
 - New domain name INIMA.AL
 - Email address inima@inima.al

Crescendo

- 1996: United Nations Development Programme (UNDP) Internet Project
 - E-mail service for GOV, EDU and ORG
 - “Free net” domain name TIRANA.AL
- 1997: SOROS Internet Project
 - Internet service for GOV, EDU and ORG
 - Wireless and dial-up access
 - First secondary level domain names
 - gov.al, com.al, edu.al, org.al, net.al, mil.al
 - Primary servers in Albania
- Other relics
 - shkodra.al (city in Northwest of Albania)

Involved Institutions

- OSFA (Soros Foundation)
 - Domain name: soros.al
 - Internet service provider
- UPTAL (Polytechnic University)
 - Faculty of Electrical Engineering
 - Domain names: uptal.al, complab.uptal.al
 - Primary servers for EDU.AL, ORG.AL, NET.AL
- INIMA
 - Domain name: inima.al
 - Primary servers for GOV.AL, COM.AL, MIL.AL
 - From 2001 primary servers for all secondary level names

Administration

- 1992: University of Tirana
 - Faculty of Natural Sciences, Dept. Informatics
- 1993-94: sleeping ...
- 1994-96: INIMA
- 1996-98: National Council for Information
 - Center for Technical Information & Documentation
 - Homage to Jon Postel (helped for the transfer)
- From 1998: TRE
 - Telecommunication Regulatory Entity has carried on the overall administration and registration process.

Techniques

- Root of ccTld “forever” in National Research Council (CNR), Pisa – Italy
 - Thanks to Francesco Gennai
- Secondary servers
 - RIPE.NET, SUNET.SE, PSG.COM, MUNNARI.OZ.AU
- Secondary Level Domain Names
 - Primary server DNS3.INIMA.AL
 - Secondary servers
 - RIPE.NET, SUNET.SE, PSG.COM, IAT.CNR.IT
 - Once upon a time: UU.NET and EU.NET

Regulations

- Names accepted under
 - ccTLD .AL
 - Remote access to CNR site in Pisa, Italy
 - Secondary level domain names
 - GOV.AL, COM.AL, EDU.AL, ORG.AL, NET.AL, MIL.AL
- Free of charge for EDU.AL
- Accepted only for individuals / organizations in/with representatives in Albania
- Yearly fee: \$75 for 2 years registration
- Dealing with registration applications TRE

Perspectives

- 2004: Ideas how to bring ccTld.AL primary server to Albania
- 2005: Tender for equipments
 - Four servers
 - Two Cisco routers
 - Two Cisco Catalyst switches
 - Protected and public subnetworks
 - Linux Red Hat Enterprise platform
 - Delays
 - due to contractual problems with the reseller

Challenges

- Creating of
 - Project Implementation Unit (PIU) to run the project
- Deployment of
 - Hardware, and
 - Internet connection
- Implementation of
 - management system
- Further liberalization of
 - Registration by transferring registration from TRE to ISP-s
- Reduction of fees
 - Working on creating a competing free market
- Seeking specialized expertise on
 - Creating the administration policies.

THANK YOU

