The Re-Birth of .jo and الاردن.

Fahd A. Batayneh

ccTLD Manager of .jo and الاردن. (.al-ordun)

National Information Technology Center (NITC)

History

- .jo was delegated on November 23, 1994

- الاردن. (.al-ordun) was delegated on August 20, 2010

- Both TLDs are administratively and technically functioned by NITC – the IT arm of the Jordanian Ministry of ICT

Overview

- A new DNS Office was established on April 4, 2011

  - Prior to the establishment of the office, DNS related issues were scattered amongst various departments within NITC

- Consists of 3 staff members in total (A ccTLD Manager, and 2 DNS Officers)

- The office is totally devoted to running the day-to-day activities of both Jordanian TLDs administratively, technically, policy, and governance

Activities of the DNS Office

- Administering both Jordanian TLDs (.jo and الاردن.)

- Responding to registrant's needs via telephone and e-mail

- Auditing newly registered domain names to ensure compliance with the registration policies

- Sending out financial invoices and telephonic reminders to owners of expired domain names

- Attending meetings and workshops related to Names and Numbers

- Applying – whenever possible – best practices and trends in the Names and Numbers industry

DNS Servers

- We have 6 DNS servers in total and 2 caching DNS servers with international organizations

  - 1 primary and 1 secondary DNS servers

  - 1 primary and 1 secondary hosting DNS servers

  - 1 reverse DNS server

  - 1 caching DNS server

  - 1 DNS server with RIPE NCC, and another with PSG

Almost 1 Year Later…

- All 6 DNS servers were fully documented

- Wrote a comprehensive registry framework in both Arabic and English

- All main zone files were audited to ensure that no un-necessary data existed

- Optimizing the values found within zone files for better technical performance

- Comparing the domain names that exist on the registration database with those on the DNS servers

… continue (Almost 1 Year Later…)

- Data cleansing more than 4,300 domain names

  - Ensuring that the Name Servers that activate a domain name are identical on both the DNS servers and the database

  - Ensuring that all expiration dates of domain names on the database are in compliance with those provided by the financial department (paper based)

  - Updating all data related to a domain name and extracting updated data from their respective websites, or using search engines, or using information found in previous e-mail communications

  - Domain names registered by the same owner or reseller were positioned under 1 account for easier administration

الاردن. and jo.

… continue (Almost 1 Year Later…)

- Outreaching Jordanian Intellectual Property firms to explain the New gTLDs program concept and the positive impact it can have on their businesses

- Ensuring an almost 24/7 customer service within scarce resources

- Wrote the first annual report for Jordanian domain names

- Increased the renewal rate from 66% to 91.5% by the end of 2011. As a consequence, the registration revenue increased by 51.42%

… continue (Almost 1 Year Later…)

- Conducting frequent amendments to the DNS online registration system

- Retired .name.jo (for individuals) as a 2LD and introduced .per.jo (for individuals) and .phd.jo (for Ph.D. holders)

Memberships

- The Jordanian DNS office is a member of the following organizations:

    - ccNSO / ICANN

    - Internet Society (ISOC)

    - Asia Pacific Top Level Domain Association (APTLD)

    - Arab IGF Initiative

    - Arabic Domain Names and Internet Governance Team (ADNIGT)

    - Arabic Script IDN Working Group (ASIWG)

    - .arab and عرب. Steering Committee

Statistics (as of March 14, 2012)

TLD	Count	Count (%)	Renewed	Renewed (%)
.jo	1746	40.84%	1628	93.24%
.com.jo	1599	37.40%	1535	96.00%
.gov.jo	357	8.35%	163	45.66%
.org.jo	210	4.91%	190	90.48%
.edu.jo	195	4.56%	184	94.36%
.net.jo	108	2.53%	107	99.07%
.mil.jo	57	1.33%	48	84.21%
.sch.jo	3	0.07%	3	100.00%
.per.jo	0	0.00%	0	0.00%
.phd.jo	0	0.00%	0	0.00%
Total	**4275**	**100.00%**	**3880**	**90.25%**
الاردن.	90	100.00%	90	100.00%

Future Plans

- Revising the current pricing schema of Jordanian domain names

- Conducting extensive marketing campaigns to promote both TLDs; especially الاردن. (.al-ordun)

- Outreaching service providers to promote .per.jo and .phd.jo by providing hosting options along

- Continuously revising the registration policies and updating whenever necessary based on the feedback received

- Deploying DNSSec

… continue (Future Plans)

- Hosting an L-Server in Amman, Jordan

- Hosting a MENOG (Middle-East Network Operators Group) meeting in Amman, Jordan

- Hosting an ICANN meeting in Amman, Jordan

Questions?!

National Information Technology Center

Domain Names Office

Royal Scientific Society Campus

Al-Jubeiha, Amman, Jordan

P.O. Box: 259, Amman 11937, Jordan

https://www.dns.jo/login.aspx

dns@nitc.gov.jo