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
• الأردن (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 الأردن.)
• 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 unnecessary 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
… 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)

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