.gy ccTLD

.GY Domain Name Registry

Managed by the University of Guyana, on behalf of the Government of Guyana and ICANN
Re-delegation

- Feb 14, 2006 .gy ccTLD was re-delegation from the University of Puerto Rico to the University of Guyana.

- Fully operational since Feb 14, 2006
Management

- Policies, procedures and agreement are set by the Government of Guyana through the Internet Oversight Committee.
- UG manages the top level domain and three sub-domains (.com.gy; .co.gy & .net.gy)
- Devnet manages three sub-domains (.org.gy; .edu.gy & .gov.gy)
Domain Statistics

- 250 - .gy domains
- 20 - .co.gy
- 480 - .com.gy
- 200 - .net.gy
Limitations

- Waiting on the Internet Oversight Committee to determine:
  - Terms and conditions
  - Policies and procedures
- Unavailability of Registrants’ information
Future Goals

- Complete our whois server
- Add more redundant servers
Issues

- Combining the two registries
- Sub-domains
  - .co.gy or .com.gy or both
  - .biz.gy & .info.gy sold to EU registrar
  - New sub-domains?
- Pricing:
  - Current price US$25 per domain
- Bandwidth
  - High cost
Our Network

- Our Network consist of:
  - 2 Primary DNS servers
  - 3 Secondary DNS server
  - 1 Management server

Our servers currently located in –
South America, North America, Caribbean and Europe.
Servers Architecture

- All our DNS server operate on Linux and BIND
- Our management server operates on Linux and MYDNS with a webpage for fast and easy alteration of DNS records.
- Our management server also host our website with a whois lookup (registry.gy) and currently work in progress is our whois server.
DNS Servers

$ORIGIN .
$TTL 86400 ; 1 day

@ IN SOA ns1.gtt.co.gy. gytech.uog.edu.gy. ( 2007013002 ; serial
10800 ; refresh (3 hours)
900 ; retry (15 minutes)
2419200 ; expire (4 weeks)
86400 ; minimum (1 day)
)

NS ns.uu.net.
NS ns1.gtt.co.gy.
NS ns2.gtt.co.gy.
NS ns-gy.ripe.net.
NS gy-secondary.jm.
TXT "GY Domain Managed By The University Of Guyana"

$ORIGIN gy.

321 NS ns1.ascio.net.
NS ns2.ascio.net.
3m NS ns.3m.com.
NS pigseye.mmm.com.
3mco NS ns.3m.com.
NS pigseye.mmm.com.
3mcompany NS ns.3m.com.
NS pigseye.mmm.com.
abb NS dns37.register.com.
NS dns38.register.com.
absolut NS ns1.domainnetwork.se.
NS ns2.domainnetwork.se.
## Records

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Data</th>
<th>Preference/Priority</th>
<th>TTL</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>registry</td>
<td>A</td>
<td>gy-secondary.jm.</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>ns-gy.ripe.net.</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>ns.uu.net.</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>ns1.gtt.co</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>ns2.gtt.co</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>GY Domain Managed By The University Of Guyana</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
<tr>
<td>321</td>
<td>NS</td>
<td>ns1.ascio.net.</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
<tr>
<td>321</td>
<td>NS</td>
<td>ns2.ascio.net.</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
<tr>
<td>3m</td>
<td>NS</td>
<td>ns.3m.com.</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
<tr>
<td>3m</td>
<td>NS</td>
<td>nginxve.gmm.com</td>
<td>0</td>
<td>86400</td>
<td>[Delete]</td>
</tr>
</tbody>
</table>
Whois Server

- We are currently in the process of coding our whois server.

- This server is currently coded in C Programming by another team member.