

# .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
gy                  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.
```



# MYDNS

help logout

System

DNS

Zones

SOA

SOA

SOA

Records

## Records

Add New Record

Name	Type	Data	Preference/Priority	TTL	
registry	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	Filter
	A	gy-secondary.jm.	0	86400	[Delete]
	AAAA	ns-gy.ripe.net.	0	86400	[Delete]
	ALIAS	ns.uu.net.	0	86400	[Delete]
	CNAME	ns1.gtt.co	0	86400	[Delete]
	HINFO	ns2.gtt.co	0	86400	[Delete]
	MX	GY Domain Managed By The University Of Guyana	0	86400	[Delete]
321	NS	ns1.ascio.net.	0	86400	[Delete]
321	SRV	ns2.ascio.net.	0	86400	[Delete]
3m	TXT	ns.3m.com.	0	86400	[Delete]
3m	NS	nioseve.mmm.com.	0	86400	[Delete]

# Website & Whois Look UP

## .GY Domain Name Registry

[Home](#) | [Whois](#)

### Whois

Contact

Register

Payment

Whois

Name:

cctld

.gy

Search

.gy

.co.gy

.com.gy

.net.gy

Domain Name

N

s

cctld.gy

cctld.gy

<http://registry.gy>



# 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.