

.GH ccTLD

Outline of GhNIC Registry Setup

Overview

- ✚ Run by GhNIC

 - ✚ NGO

 - ✚ Voluntary Tech staff, currently all former employees of NCS/Ghana.com

- ✚ Staff Strength

 - ✚ Tech staff – 4

 - ✚ Admin staff - 3

Tech Setup

Nameservers

 rip.psg.com

 austin.gh.com

 mantse.gh.com

 hippo.ru.ac.za.

 slave.sth.netnod.se.

 ns1.dns.aq.

OS

 FreeBSD

 LINUX

Tech Setup cont...

+ Nameserver Software

- + BIND 9

+ Monitoring

- + Done using NAGIOS

- + Monitor availability of service (up/down)

Admin Setup

+ Registry Process

+ Completely manual process

+ Registration request done through

- + Online Form

- + Printed/ Hardcopy submission (FAX, scan & mail or hand delivery)

+ Whois Data

- + EXCEL sheet - not online

Admin Setup cont ...

+ Billing

- + Manually generated invoices sent by mail to registrant
- + Bill generated at the beginning of the year

+ Registry model

- + Registration done in 2nd level
- + No direct registration under .gh
- + Central registry model
 - + No registry – registrar model

Admin setup cont ...

- + Registration under .gov.gh is free and fully owned by government
 - + GhNIC performs tech functions for government

Statistics

+ Number of Domains

+ com.gh - 686

+ org.gh - 96

+ edu.gh - 49

+ gov.gh - 47

+ mil.gh - 3

+ net.gh - 2

+ Number of queries

+ Not being monitored - One of our interests in this workshop

PLANS cont ...

- ✚ Investigating use of

 - ✚ FRED – Free Registry for ENUM and Domains

 - ✚ DNRS

 - ✚ OPENREG

- ✚ Plan is to setup Registry in IX

PLANS cont ...

- + New setup to include

 - + DNSSEC

 - + IDN