Services Area Report

Sanjaya
Services Area Director

Key Deliverables

- Delivering Value
  - Resource Quality Assurance
  - MyAPNIC enhancements
  - DNSSEC
  - Kickstart IPv6
  - Extension of Helpdesk hours
- Supporting Internet Development
  - Abuse contact policy implementation
  - TTM and Root Server deployment
- APNIC Service Level Stats

Delivering Value

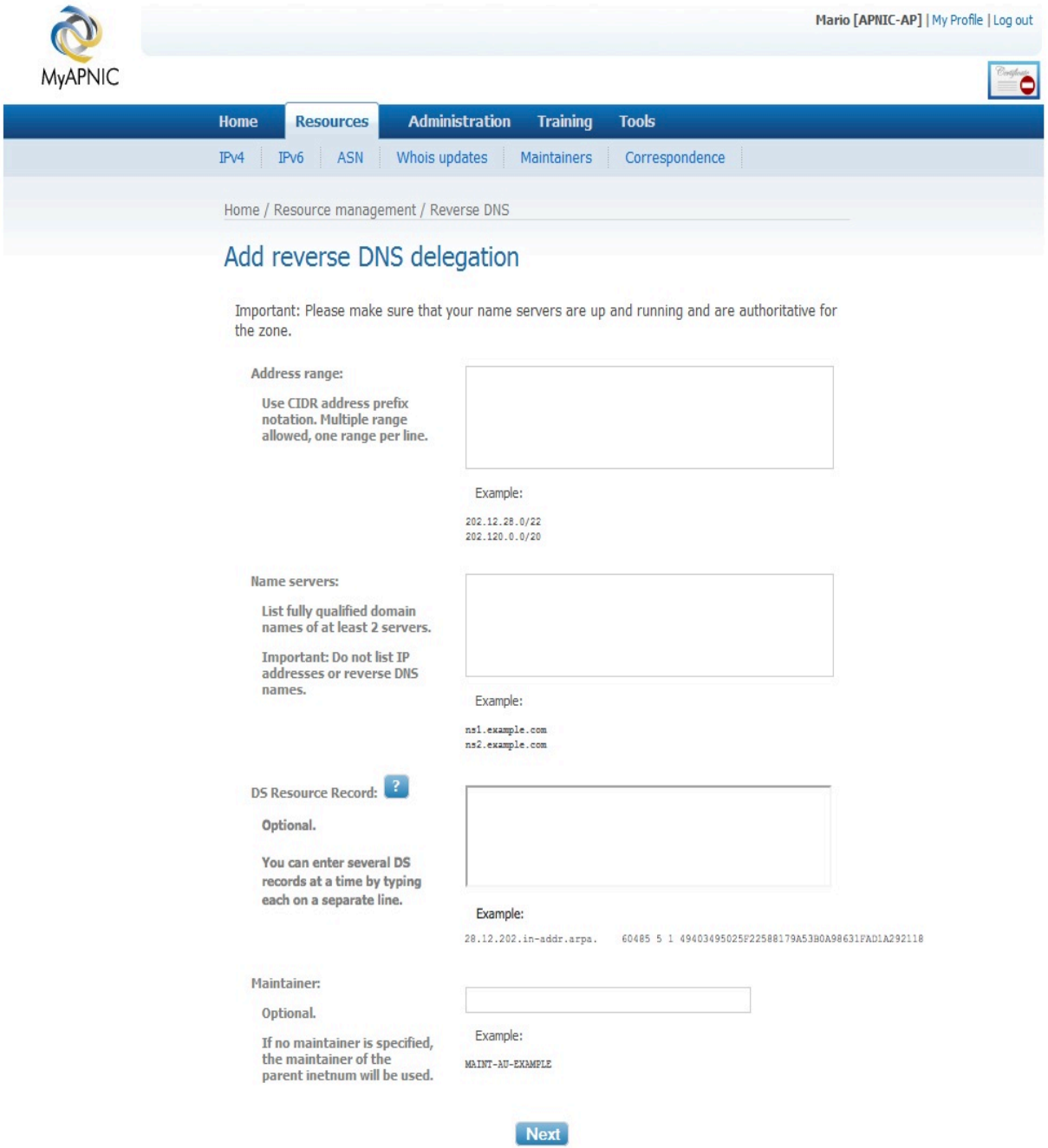
- Resource Quality Assurance - APNIC acts to minimize any routability problems through communication, training, and testing
  - Reachability testing and experimentation conducted in collaboration with RIPE NCC with support from several organizations
  - Promotion of responsible filtering and security practices
  - www.apnic.net/rqa

Delivering Value

- Streamlining APNIC digital certificate requests
- Upcoming MyAPNIC enhancements
  - Resource Transfer Policy implementation featured on MyAPNIC
  - Whois update feature improvements
  - DNSSEC ds-record submissions
  - Secondary reverse DNS service

Delivering Value

- DNSSEC Phase 3
  - Secure methods for Members to supply DS records, linking the name servers we publish in our zones with the keys Members use in their zones
  - MyAPNIC users will be able to easily update their Reverse DNS with their DS resource record.


MyAPNIC
Mario [APNIC-AP] | My Profile | Log out
Home
Resources
Administration
Training
Tools
IPv4
IPv6
ASN
Whois updates
Maintainers
Correspondence
Home / Resource management / Reverse DNS
Add reverse DNS delegation
Important: Please make sure that your name servers are up and running and are authoritative for the zone.
Address range:
Use CIDR address prefix notation. Multiple range allowed, one range per line.
Example:
202.12.28.0/22
202.120.0.0/20
Name servers:
List fully qualified domain names of at least 2 servers.
Important: Do not list IP addresses or reverse DNS names.
Example:
ns1.example.com
ns2.example.com
DS Resource Record:
Optional.
You can enter several DS records at a time by typing each on a separate line.
Example:
28.12.202.in-addr.arpa. 60485 5 1 49403495025F22588179A53B0A98631FAD1A292118
Maintainer:
Optional.
If no maintainer is specified, the maintainer of the parent inetnum will be used.
Example:
MAINT-AU-EXAMPLE
Next

Delivering Value

- Kickstart IPv6
  - 403 applications so far since Feb 2010
  - 35 economies participating, including 12 new economies

Delivering Value

- Kickstart IPv6
  - Streamlining membership applications for IPv6
  - One-click IPv6 membership sign up
    - Resources obtained easily and immediately

Delivering Value

- Extended Helpdesk hours
  - 12 hours of operation
  - 09:00-21:00 (UTC+10)
  - 21:00 (UTC+10, Brisbane) = 16:00 (UTC+5, Lahore)

APNIC Helpdesk

APNIC Helpdesk Hours Extended.
Now Open through to 21:00 (UTC+10 Hours).

Supporting Internet Development

- Abuse contact policy implementation
  - To be implemented in November
  - From November 8, all IP address and AS number record in whois must include a mandatory reference to an IRT object
  - From 2011 the trouble and abuse-mailbox fields will begin to be removed from all other whois object types
  - MyAPNIC feature improvements will allow updating of these objects through MyAPNIC

Supporting Internet Development

- TTM and Root Server deployment
  - APNIC has funded 12 Test Traffic Measurement (TTM) nodes across the region
  - 2010 installations in New Zealand, Nepal, and Cambodia, Bangladesh
  - Installed F-root server in Cambodia which went operational at the end of July
  - Coming up: Bhutan, Mongolia, Pakistan

APNIC Service Levels

- Membership growth
  - Increased to 3,132 account holders as of August 2010
- Helpdesk enquiries
  - Growth of over 12% in the last year
- Delegations in 2010 (up to 16 August)
  - IPv4 – 772
  - IPv6 – 420
  - ASNs – 464

Thank You!

sanjaya@apnic.net