Update of what's happening within APNIC
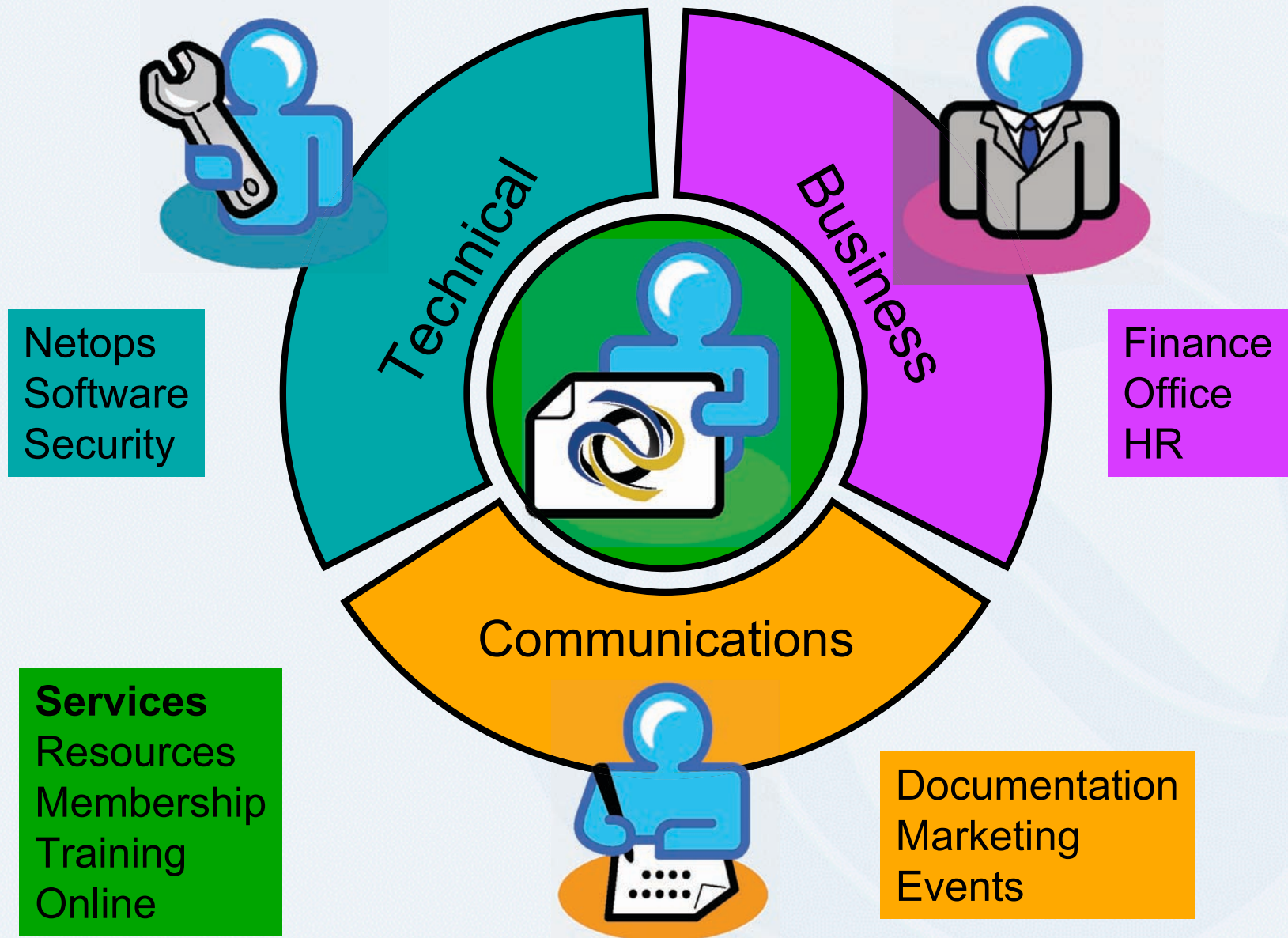
PITA Member Meeting @ PTC 2007

Honolulu, Hawaii

13 January 2007

APNIC's new structure

Technical

Business

Communications

Netops
Software
Security

Finance
Office
HR

Services
Resources
Membership
Training
Online

Documentation
Marketing
Events

2

Services Area

- ## Helpdesk Unit
  - Extended helpdesk hours/days
  - Increasing demand for VoIP and "live chat"

- ## Resource Services Unit
  - Service improvements
  - Policy implementations

- ## Online Services
  - Revamped ICONS – ISP support website
  - http://icons.apnic.net

- ## Projects
  - "ARMS": APNIC Resource Management System
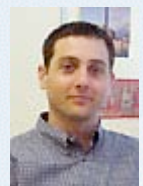 - Public statistics service using "O3"

George

Guangliang

Sunny

Frank

Services Area

- Training and Education Unit
  - Pilot webcast of APNIC training
  - Collaborative development of new training modules (initially IPv6 and security)
  - 40 training events in 18 different locations
  - eLearning pilot modules launched

Cecil

http://elearning.apnic.net

Communications Area

- ## Marketing and Outreach
  - ### Multimedia
    - *APNIC Interactive* CD
    - Website and graphics
  - ### Work with Network Operator Groups
    - PACNOG, SANOG, NZNOG, PHNOG
  - ### MoUs for training and cooperative activities
    - ISPAs in South Asia, ISOC-AU, PICISOC, NIDA

Nurani

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APNIC

Communications Area

- ## Policy Unit
  - APNIC 22, Taiwan
    - Trial of new meeting format with APOPS plenary
    - 8 policy and 1 fee proposal discussed
  - Recent APNIC policy changes

    Son

    - IPv6 maximum assignment size for critical infrastructure is /32 per operator
    - Amendment of APNIC's lame DNS reverse delegation policy
      - considered lame if delegated nameserver for domain fails return of valid authoritative answer for domain's SOA
    - 4 byte ASN assignments
      - Studies indicate exhaustion of 2 byte AS pool between 2010 and 2016
      - Proposed standard to expand AS number space to a 4 byte field
      - Technical implementation

        http://potaroo.net/ispcol/2005-08/as.html

4 byte AS implementation

- **1 January 2007**
  - 2 byte AS numbers continue to be assigned
  - 4 byte AS numbers assigned if requested
- **1 January 2009**
  - 4 byte AS numbers assigned
  - 2 byte AS numbers assigned if requested
- **1 January 2010**
  - Distinction between 2 and 4 byte AS numbers ceased
  - AS assignments from undifferentiated 4 byte AS number pool

Communications Area

- Documentation
  - Localising online services
    - Forms and help to be in 7 languages, MyAPNIC next
  - Content Management System (CMS)
- 4th Member survey largest participation so far
  - Thanks for your help
    - Results will be posted before APNIC 23

Technical Area

- ## Software Unit
  - ### Reverse DNS update
    - "Web services" – XML over https
    - Immediate success or error reporting
    - DDNS to APNIC's name servers
  - ### "Agile Programming" method
    - AKA "rapid prototyping"
    - 3-4 month review and release cycle

- ## Network Operations and Security
  - ### Services reliability, distribution and hardening
  - ### Security audit underway

- ## Resource certification
  - ### You've heard about this by now...

Byron

Terry

Siamak

Geoff

APNIC meetings

- APNIC 23, APRICOT 2007
  - Bali, Indonesia
  - 27 February - 2 March 2007
- APNIC 24, SANOG 10
  - New Delhi, India
  - 29 August - 7 September 2007
- APNIC 25, APRICOT 2008
  - Taipei, Taiwan
  - 25 - 29 February 2008
- All invited !!!

http://www.apnic.net/meetings

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APNIC

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Working sustainably

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www.apnic.net/ecoapnic

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ecoAPNIC...

- A staff-driven project aimed at reducing the "ecological footprint" of APNIC operations

    – Recycling

    – Paper reduction

    – Reduce energy consumption and waste

    – Look at transportation and travel

    – Monitoring and reporting

    – http://www.apnic.net/ecoapnic

Thank You

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