Technical Area highlights and priorities

APNIC 23, Bali

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Technical Area Manager

Overview

- Network and operations
- Research and development
- Security
- Software engineering

Network and operations

- 2006 highlights

VoIP

Root server
upgrades

Rev DNS
architecture

Laptop/desktop
SecuriKey

webcast

Community server

Network and operations

- 2007 priorities

Service replication

Machine room improvements

New DNS mgmt system

VoIP enhancements

New backup system

Spam mitigation

Research and development

- ## 2006 highlights

IP6.int deprecation

Resource Certification

O3/APstats

- ## 2007 priorities

JP research network

Log/audit retrieval

Resource certification

crisp/jwhois pilots

Security

- # 2006 Highlights

  External security audit

  Security awareness

- # 2007 Priorities

  Log/audit retrieval   Security procedures

  Security awareness   Monitoring and compliance

Software engineering

- 2006 Highlights

Rev DNS
Web services

4-byte ASN

Events management
system

Billing automation

Resource cert
code library

MyAPNIC

APNIC resource
management system (ARMS)

Software engineering

- 2007 Priorities

Resource
certification system

Events management
system

S/W
infrastructure

MyAPNIC   ARMS

Web services

Technical Area summary

- 2007
  - More ways to access and update data
    - Interactive website
    - System automation
  - Higher availability
    - Facilities upgrades
    - Service replications
  - New services
    - Resource certification
    - Research and monitoring