



# Technical Area highlights and priorities

APNIC Member Meeting

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# Overview

- Network Operations
- Research and Development
- Security
- Software Engineering







# Software Engineering Unit

- 2007 highlights
  - MyAPNIC performance improvements
  -  – Reverse DNS management web services
  -  – New member and resources application online form
  -  – Resource Certification: Cert. engine development
- 2008 priorities
  - MyAPNIC version 2
  -  – IPv6 resource management system enhancements
  -  – Resource Certification: End-user tools







# Research and Development Unit



- 2007 highlights 
  - Deployed 4-byte AS test systems in Japan and Brisbane
  - Deployed DNS monitoring system in Japan that feeds to OARC
  - Resource Certification: Design, test and standards work
- 2008 priorities 
  - New DNS monitoring system in Brisbane and Hong Kong
  - Resource Certification: End-user system specifications



# Network Operations Unit

- 2007 highlights
  - New reverse DNS system
  - Implemented new DNS software (Nominum)
  -  – Implemented offsite database mirroring
  -  – New spam appliance
  -  – New network and systems monitoring
  -  – Implemented ITIL-based tech support system
- 2008 priorities
  -  – Resource Certification infrastructure
  -  – Better redundancy of public servers (web, global whois)



# Security Unit

- 2007 highlights



- Implemented host-based intrusion detection system
- Development of APNIC's new Certification Authority system
- Security newsletter (internal)
- Improvements on APNIC office building security

- 2008 priorities

- Implement the new CA system
- Implement the new APNIC authentication and authorisation model across systems



Thanks!

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