

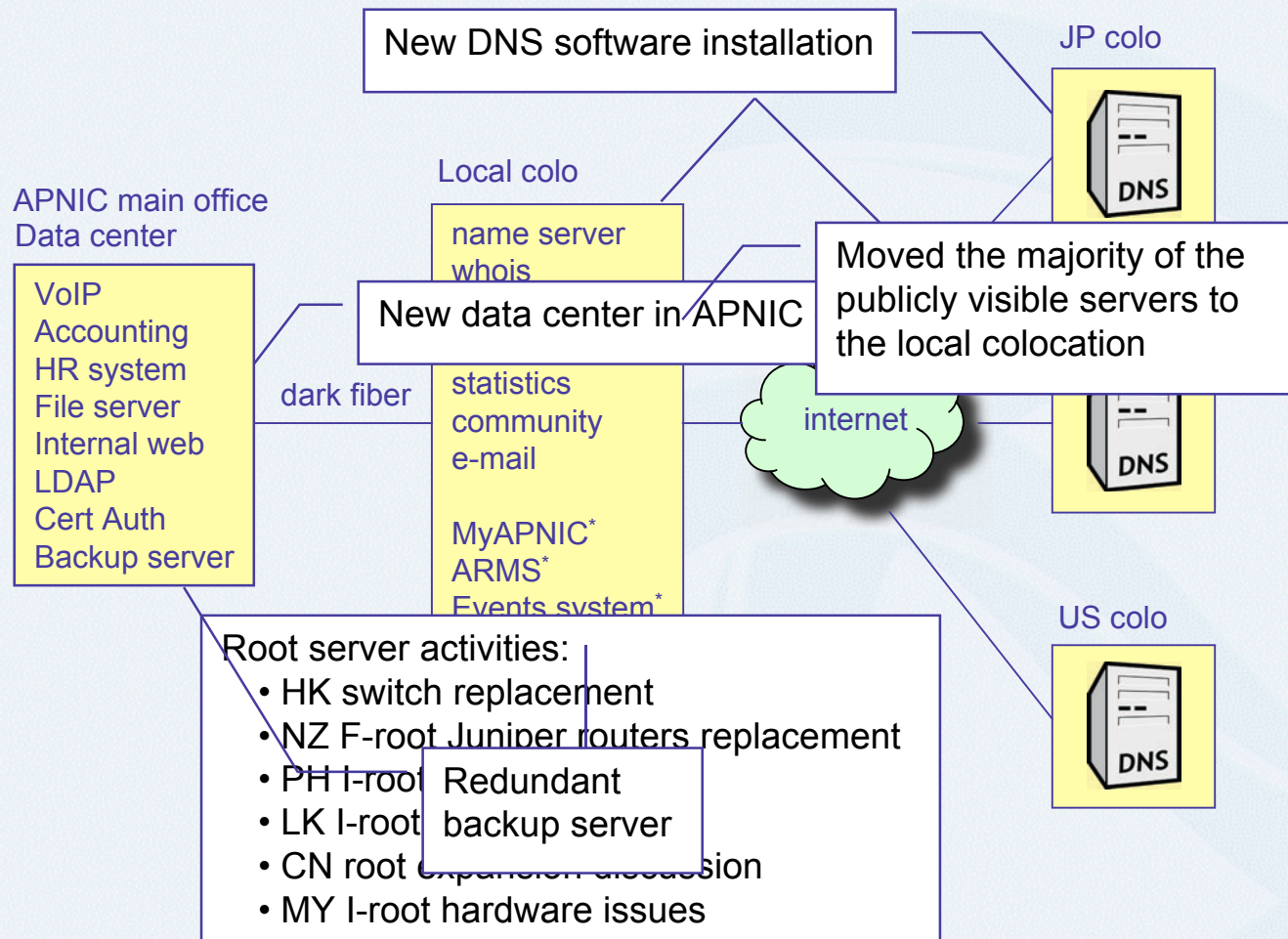
Technical Area highlights and priorities

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Technical Area Manager

Overview

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

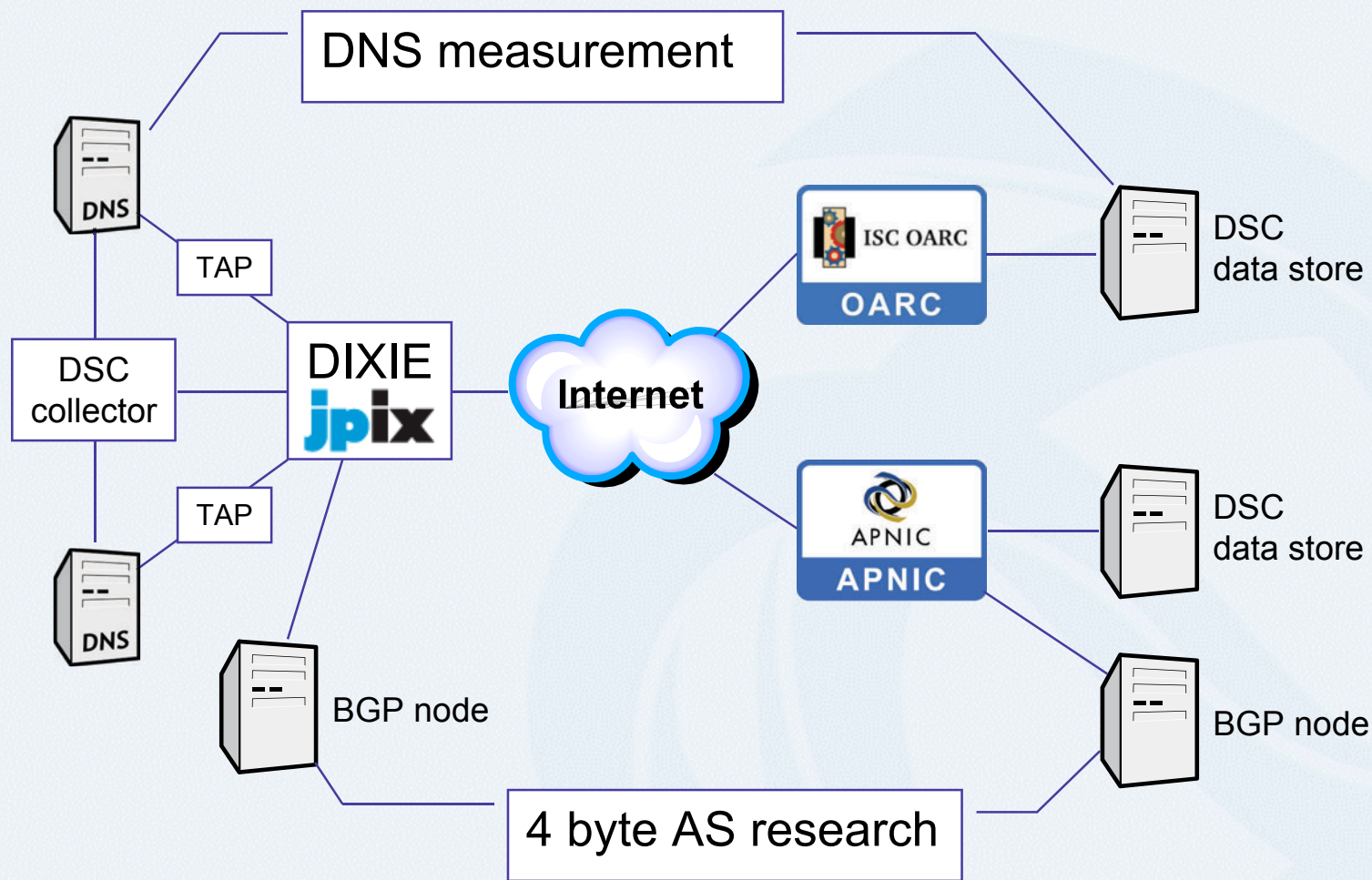
Network and operations



Network and operations - priorities

- ITIL service desk
- CMS (content management system) infrastructure
- Document & Web search engine
- Resource certification repository

Research and development



Research and development

- Resource certification
 - Collaboration with other RIR, NIRs and others
 - IETF activities
 - Service model designs
 - Full service (through MyAPNIC)
 - Self run by members (open source code)
 - Hosted: An APNIC run certification engine on behalf of the member (no committed deliverables yet)

Research and development - priorities

- Projection and analysis of IPv4 consumption
- Seeking 4-byte AS peers in Tokyo and Brisbane
- Information presentation and access
- More DNS statistics collectors

Security



- Log monitoring and analysis
 - OSSEC implementation (<http://www.ossec.net>)
 - Open source intrusion detection and log analysis
- New certification authority manager software evaluation
 - EJBCA (<http://www.ejbca.org>)
 - Written in java
 - Vendor supported (<http://www.primekey.se>)

Software engineering

