



IT & Engineering Report

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Our 2013 Objectives

- Improve Service Delivery level
 - Strengthening of infrastructure and team
 - Implementing performance monitoring and evaluation
 - Enhance security policies and risk evaluation
- Enhance Resiliency Strategy
 - Virtualize server infrastructure
 - Review of Disaster Recovery plan

The team

- Four functions
 - Service Desk
 - Infrastructure maintenance
 - Application maintenance
 - Security & Risk management
- Infrastructure Unit
 - 4 Operations staff (+1 since AF-17)
- Applications Unit
 - 4 Developers and 1 Database Admin (-1 since AF-17)
- FTE for 2013
 - New staff joining in July (replacement developer)
 - One open slot to fill in operations

Operations

- Infrastructure
 - End-of-life upgrade of equipment
 - Replacement based on Shared-Services model
 - Virtualization exercise
 - Deployment of 4 environments (Prod/Staging/QA/Dev)
 - Replaced our VoIP server (AFRINIC's oldest acquired machine)
 - Datacentre
 - Mauritius
 - Johannesburg
 - Teraco Cape Town site (deployment in progress)
 - Seacom Mombasa site (negotiations in progress)



Operations

- Core Services support
 - Integration MyAFRINIC – Billing platform
 - New Member Registration Portal
 - Whois update – Web interface
 - eVoting platform
 - AFRINIC Routing Registry implementation
 - Global infrastructure reinforcement initiative (RPKI / DNSsec / Root Server copy / DNS support)

Operations

- Training support
 - Deployment of two new labs in JNB and CPT
 - Deployment of converged server environment (in progress)
 - Deployment of a test MyAFRINIC and whois environment (in progress)
 - Deployment of last lab (TBD)

Operations

- Corporate support
 - Implementation of a new Access Control system with time attendance
 - Deployment of an HRMS
 - Implementation of a new enterprise grade backup solution
 - Re-engineering of Mail infrastructure

Thanks

Questions / Comments ?

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