# AFRINIC RS UPDATE

By:

## Madhvi GOKOOL

**REGISTRATION SERVICES MANAGER**
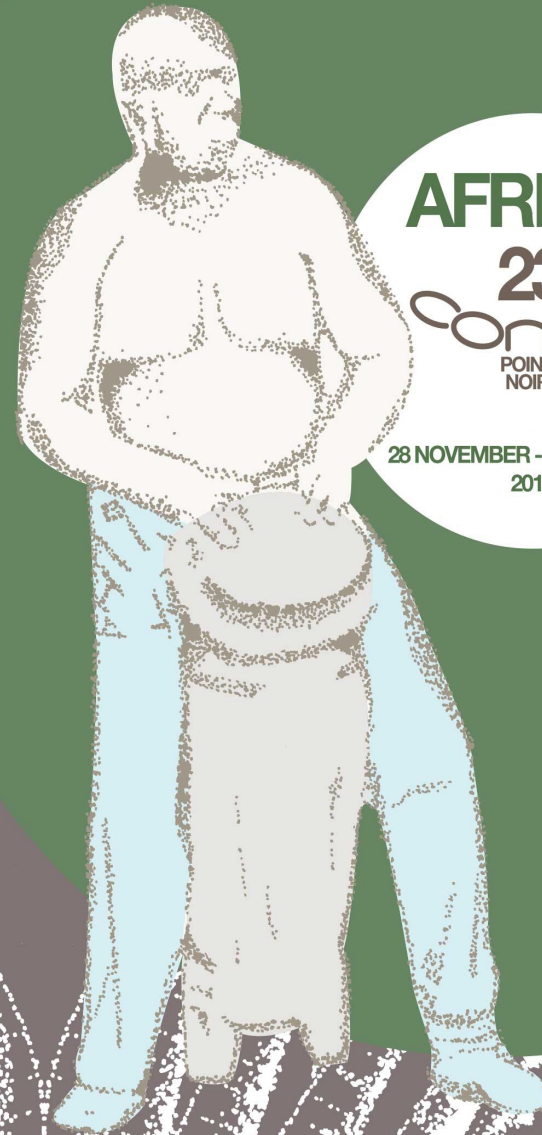
**Date: 3 December 2015**

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# Department

- Part of the Member Services Dept

- RSM & 2 IPRAs

# Agenda

- Departmental Overview

- RS Objectives

- RS Observations

- Statistics

# 1. Contribute to the increase in the AFRINIC membership base

- Timely evaluation of New member resource requests

- Continuous improvement of the process

- Contribute to core specifications of New Member Requests Portal(NMRP)

- Teach and Approve

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Objectives

## 2. Manage IP address pool of AFRINIC.

- Evaluate resource requests as per existing policies

- Assist Members in getting resources

- Teach & approve

# Objectives

3. **Service support and guidance**

4. **Review online documentation**

5. **Outreach initiatives INRM training**

- Since 1 January 2015

~ 1900 tickets handled by Registration Services Team

~ 181 new-member requests

~ 330 additional resource requests(IPv4, IPv6 and ASN)

- Prefix size currently under evaluation sum to ~/9 in 25 open tickets

# Statistics - Requests

**Support tickets**

| | |
|---|---|
| Whois DB related | : 158 |
| Reverse DNS | : 51 |
| Routing Registry | : 72 |
| Sub-Alloc. Request | : 97 |
| Resource transfer | : 11 |
| Routing Registry | : 90 |
| Account Maintenance | : 134 |
| HM Consultation | : 50 |
| Others | : 430 |
| Proactive actions | : 300 |
| New Member | : 181 |

**Additional requests**

| | |
|---|---|
| IPv4 | : 176 |
| IPv6 | : 46 |
| ASN | : 104 |

# Statistics - Resources issued @30 Nov 2015

- **146** ASNs Issued

- **50,872 (/24s)** or ~ **0.78 /8** IPv4 addresses

- **4404 /32s & 43 /48s** IPv6 prefixes

# Available IP address pool in CIDR notation

Number of IP prefixes available – 2.2 /8s

Number of IP prefixes by size

| Available prefix size | /8 | /9 | /10 | /11 | /13 | /14 | /15 | /16 | /17 | /18 | /19 | /20 | /21 | /22 | /23 | /24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Count | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 33 | 5 | 8 | 18 | 16 | 25 | 65 | 3 | 714 |

- AFRINIC will continue to issue resource prefixes and do its best to adhere to the aggregation principle in the policies

- In case of instances where aggregation is not possible, resource members may be issued with > 1 prefix to make up the count of IP addresses approved

Service support covers afrinic database, reverse delegations, assignments registration and since Q3-2015 , IRR

Route objects in AFRINIC IRR increased from 426 in June 2015 to  624

32 route6 objects

Number of members not compliant with existing reverse DNS policy – 181 in June 2015 , now 136

Route objects – 426 in june now 624, 32 route6

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# Hostmasters' Observations

- Incomplete applications submitted

- Slow and delayed response from members.

- Reluctance of applicants/resource members to provide supporting information.

- ~/14 worth of IPv4 addresses in stalled tickets due to no response from requestors in 2015

- ~200 Resource members having received allocations since 2005 have < 80% usage

- Teach and approve :-

~  10 "Teach and Approve" per month regarding IP addressing Plan and Assignment registration on whois database.

 better understanding on the goals of the requested information and provided same to expedite the process

- Obsolete Contacts

- Non-payment of annual fees

# Outreach -2015

- AFRINIC meetings

- AFPIF conference in Mozambique

- Iweek 2015 South Africa

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- We look forward to:-

-  receiving more complete and policy compliant resource requests

- Help AFRINIC Resource members to migrate their route objects to the AFRINIC IRR

- Engage with our members in outreach activities

# THANK YOU !

# Thank you for your Attention

# Questions?

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