Policy Implementation Experience Report

By

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Beyond connection:
Internetworking for African Development

Policy -
AFPUB-2005-
v4-001

" AFRINIC is responsible for the allocation of IP (Internet Protocol) address space, AS (Autonomous System) Numbers and management of reverse domain names **within the region**."

Current RS practice

- ➤ Legal presence in the AFRINIC service region
- ➤ Proof of infrastructure and operation in the AFRINIC service region
- ➤ Proof of providing services to end-users
- ➤ Evidence of connectivity and operation
- ➤ License to operate from regulator (where applicable)
- ➤ Slow-start as per policy by default, unless justification for more IPs is made(e.g existing network operations)
- ➤ Additional allocations – approve if a small % is being used for out-of-region POPs

Issues

➢ Offshore companies being set up (Mauritius, Seychelles)

➢ Partnership regarding infrastructure(no further details)

➢ Equipment Lease / Colocation in Datacentres

➢ IP addresses are requested before the organisations establish in our region

➢ Services being deployed do not necessitate intensive infrastructure

➢ Customer base completely/partly out of the AFRINIC service region

➢ VSAT operators (core infrastructure is outside the AFRINIC service region)

Statistics

➢ ~4000 prefixes have been assigned by LIR members to their customers outside AFRINIC service region

➢ Number of tickets from offshore companies(8% of new member requests)
– Resource requests for > /12 .

--Additional resource requests - /12

"An LIR may receive an additional allocation when about 80% of all the address space currently allocated to it has been used in valid assignments and/or sub-allocations.

Current RS practice

➢ Look at assignments registered in the whois database.

➢ Verify if prefixes in use appear in the internet routing table

➢ Query LIR for reason behind lack of routing info

➢ Teach and approve in certain cases

- ➢ Assignments registered under all countries of the world , based on "choice" of the LIR's customer
- ➢ Member reluctant to give more information about assignments
- ➢ Refusal to provide information regarding IP resource utilization based on NDAs signed with their customers.
- ➢ Policy clear on need to provide proper justification and documentation.
- ➢ Very common of "off-shore" applicants, including those suspected to be planning out-of-region usage ☺

➢ Show either an existing efficient utilization of at less /25 from their upstream provider.

➢ Justify an immediate need of at less 50% of total requested size based on their Network Infrastructure. Eg: new Company.

➢ Look for policy compliance

➢ Justified needs

➢ Teach and approve in certain cases

Issues

- ➢ Some End-Users cannot justify the need for the minimum (/24) for their operations
- ➢ Some End-Users are unable to justify an immediate need for a /24 but are able to justify multihoming for ASN request. The End-User Assignment policy does not take multihoming as criteria for a minimum assignment

Mergers and Acquisitions

http://www.afrinic.net/en/library/membership-documents/921-lir-end-user-evol

➢ Guideline to organisations on the process when there has been a change in ownership (due to a merger, sale or takeover) or

➢ When a member stops serving entirely as an LIR.

Current RS practice

➢ Ask for detailed information about the transfer case

➢ Check if there has been **changes ownership (due to a merger, sale or takeover) or**

➢ **the member stopped serving entirely as an LIR.**

➢ Approve if proof of acquisitions/majority shareholding is established(for requests regarding Consolidation into holding company)

- Transfer requests received
- Non-merger/Non-acquisitions related
- One LIR to another
- Change of name requests without relevant documentation as proof

Questions to the Community

Should AFRINIC Registration Services carry on with the current practices?

Conclusion

Please come forward with your suggestions
NOW or on the Policy Discussion Mailing List
rpd@afrinic.net

Thank you for your Attention

Questions?

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