



AfriNIC

Africa
Network
Information
Center

Proposed Autonomous System Number Assignment Policies in the AfriNIC Region

When posted?

- **First draft posted on 17 Feb 2004. See <http://archives.afrinic.org/policy-wg/msg00028.html> .**
- **Comments received are also on the policy-wg archives. See <http://archives.afrinic.org/policy-wg>**
- **Latest draft of ASN policy at:
<http://www.afrinic.net/policies/afpol-v4200401-draft01c.htm>**
- **AfrinIC Policy Working Group list is open to the community – to join, send an email to policy-wg-request@afrinic.org with “subscribe” in the subject line (without the quotes).**
- **Document is an improvement of current RIR policies but suited to the particular needs of the African community.**

Definitions:

- **Autonomous System (AS):** Networks under a single and clearly defined routing policy.
- **AS Number (ASN):** a unique integer associated with an AS. The ASN is used as an identifier to allow the AS to exchange dynamic routing information with other AS'es.
- **multi-homed AS** is one which is connected to more than one other AS. An AS also qualifies as multihomed if it is connected to a public Internet Exchange Point.

next – who can request for ASN assignments...

Who can get ASN assignments?

Organization requesting an ASN from AfrinIC must :

Either:

- Have a unique routing policy (differing from its border gateway peers), and
- be multihomed.

Or:

- demonstrate that it will meet the above criteria upon receiving an ASN (or within a reasonably short time thereafter).

All requests for ASNs under these criteria will be evaluated using the guidelines described in [RFC1930](#) "Guidelines for the creation, selection and registration of an Autonomous System (AS)".

next: assignments....

Who can get ASN assignments? (cont..)

- **ASN are assigned to AS's located in AfrinIC region.**
- **AS can be assigned to both LIRs and non-LIRs (members and non-members) if eligibility requirements (previous slide) are met.**
- **Other considerations:**
- **ASN for LIRS:**
 - Requesting ISP continues to use ASN (even when they change peers and upstream providers).
 - LIRS not to be charged annual maintenance fee.
- **ASN for non-LIRS:**
 - Requesting ISP must meet qualifying criteria (see prev. slide).
 - A one-time registration fee will be charged for each ASN assigned, as described in AfrinIC's Fee Schedule. Every three year thereafter, AfrinIC will invoice the organization for an annual maintenance fee, payable on the anniversary date of the original assignment.
- **LIRS/non-LIRS**
 - Will be responsible for maintaining registration in afrinic whois db.

Questions

