



AfriNIC

Africa
Network
Information
Center

**proposed in-addr.arpa
and ip6.arpa
delegation Policies
in the AfriNIC Region**

Introduction

- **Current draft:** <http://www.afrinic.net/documents.htm>
- **AfrinIC to register only reverse delegations and is not involved in the domain name registration system.**
- **Reverse delegation:**
 - ◆ **support to enable applications to map to a domain name from an IP address.**
 - ◆ **achieved by use of the in-addr.arpa (IPv4) and ip6.arpa (IPv6) domains.**

Next: How to obtain delegation on in-addr.arpa

Delegation of in-addr.arpa

- AfrinIC to accept requests for reverse delegation under in-addr.arpa from AfrinIC active LIRs only.
- *End-Users (non LIRs):*
 - must send their requests to the LIR from which they obtained the IP block for delegation.
 - If with PI addresses.. To any LIR of their choice.
- AfrinIC to carry out tests to ensure that the name server for the zone that the reverse delegation is being requested is up and configured as per the recommendations in RFC1912.
- AfrinIC will only make delegations on 8-bit boundaries (/16 or /24). Multiple delegations may be requested to cover CIDR prefixes for shorter blocks bigger than a /24.
- Delegation of address blocks smaller than a /24, see RFC 2317.
- Ipv6: IP6.ARPA domain be used for address to DNS name mapping for the IPv6 address space.

Questions

