



Policy update

APNIC and other RIR Regions

Policy SIG

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Overview

- APNIC policy implementation status
- Global view



APNIC policy implementation status



- Implemented on 18 December 2006
 - Prop-041: IPv6 assignment size to critical infrastructure
 - The maximum assignment made under these terms is /32 per operator
- Implemented on 1 of January 2007
 - Prop-032: Four-byte AS number
 - No change in criteria or process
 - Prop-038: Amending APNIC's lame DNS reverse delegation policy
 - Re-define lameness definition

APNIC policy implementation update



- To be implemented on 9 March 2007
 - Prop-031: Proposal to amend APNIC IPv6 assignment and utilization requirement policy
 - Use HD of 0.94 and measure utilization on /56
 - Prop-033: End site allocation policy for IPv6
 - Allow LIR to choose prefix size to assign to end users
 - Prop-035: IPv6 portable assignment for multi-homing
 - Allow organization to receive portable assignment for multi-homing network



Global View

Policy developments in the other RIR communities

IPv4 policy status



Discussion	RIR Community	Status
12 Month allocation period	AfriNIC LACNIC RIPE	Under discussion Adopted Last call
PI assignment size (/24 minimum for multi-homing networks)	RIPE	Under discussion
Whois privacy	LACNIC	Under discussion
Increase AW to /21 to LIR after 6 months	RIPE	Last call

IPv4 policy status



Discussion	RIR Community	Status
End user assignments	AfriNIC	Adopted
Temporary address assignments	AfriNIC	Adopted
Resource Recovery	LACNIC	Adopted
IPv4 Countdown	ARIN	Initial review stage
eGLOP multicast address assignments	ARIN	Initial review stage

IPv6 policy status



Discussion	RIR Community	Status
HD-ratio to 0.94	ARIN LACNIC RIPE	Adopted Adopted Under discussion
Amend IPv6 assignment and utilisation requirements (/56)	ARIN LACNIC RIPE	Adopted Under discussion Under discussion
End Site definition	LACNIC RIPE	Under discussion

IPv6 policy status



Discussion	RIR Community	Status
Provider Independent assignments for end users	AfriNIC ARIN LACNIC RIPE	Under discussion Adopted Under discussion Under discussion
Changing the Initial Allocation criteria	ARIN RIPE	Under discussion Under discussion
Critical infrastructure assignment	AfriNIC	Under discussion

Autonomous System Numbers



Discussion	RIR Community	Status
4-Byte AS Numbers	AfrINIC ARIN LACNIC RIPE	Adopted Adopted Adopted Adopted

Policy proposal references



- **AfriNIC:**
<http://www.afrinic.net/policy.htm>
- **ARIN:**
<http://www.arin.net/policy>
- **APNIC:**
<http://www.apnic.net/policy>
- **LACNIC:**
<http://lacnic.net/en/politicas/>
- **RIPE:**
<http://www.ripe.net/ripe/policies/proposals/>



Thank you !

