



# IPv6 distribution and policy update

ICANN Wellington  
28 March 2006

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03  
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# Overview

- What is the NRO
- IPv6 distribution status
- IPv6 policy status
- Questions

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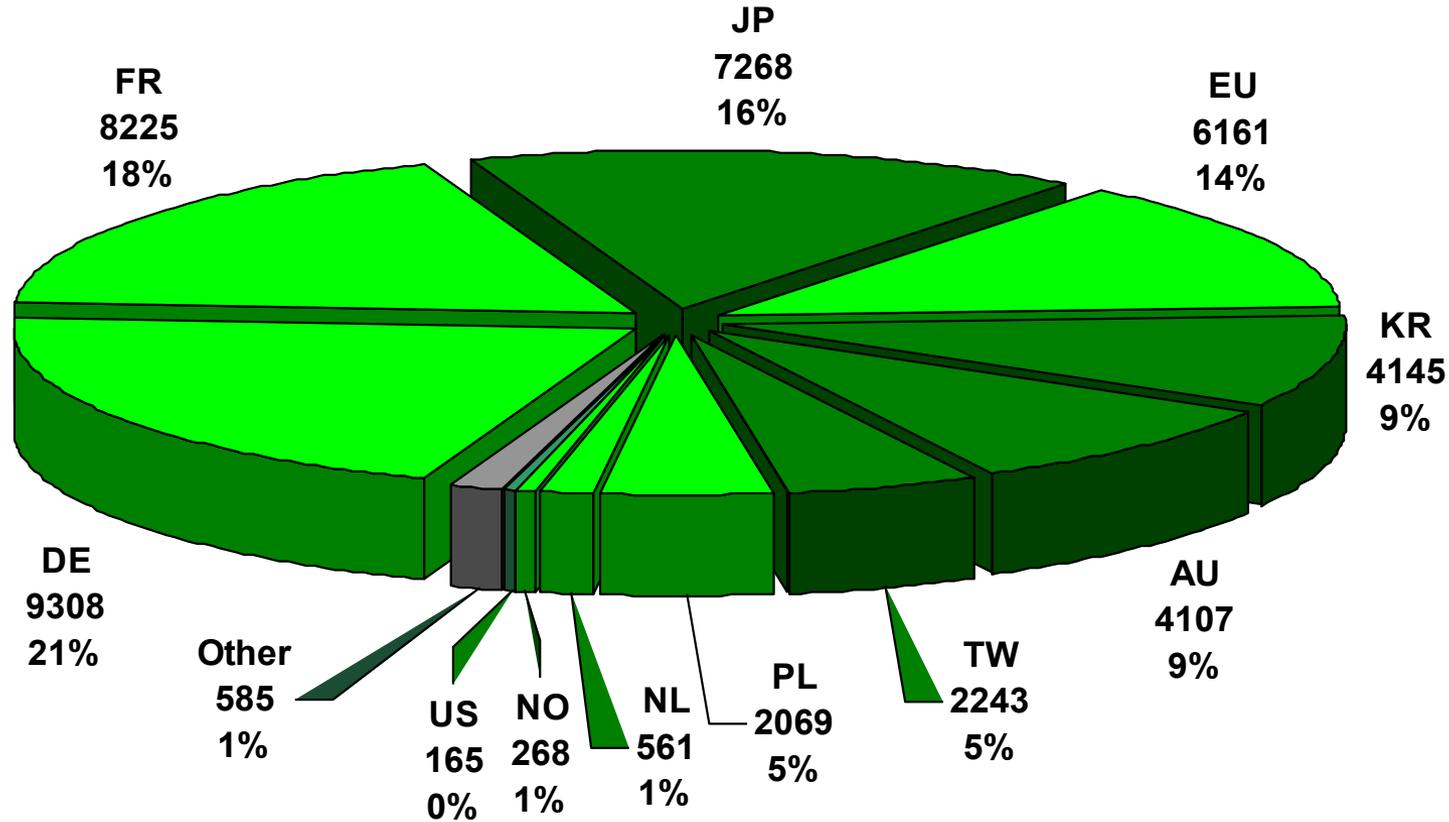
# What is the NRO

- Number Resource Organisation
  - Single point of contact, coordination, representation for the Regional Internet address Registries (RIRs)
  - Independent from ICANN
  - Incorporation in Uruguay
- Address Supporting Organisation (ASO)
  - A component of the ICANN framework
  - Established by agreement between the NRO and ICANN
  - Responsible for coordination of global IP addressing policies
  - Regional policies are handled by each RIR





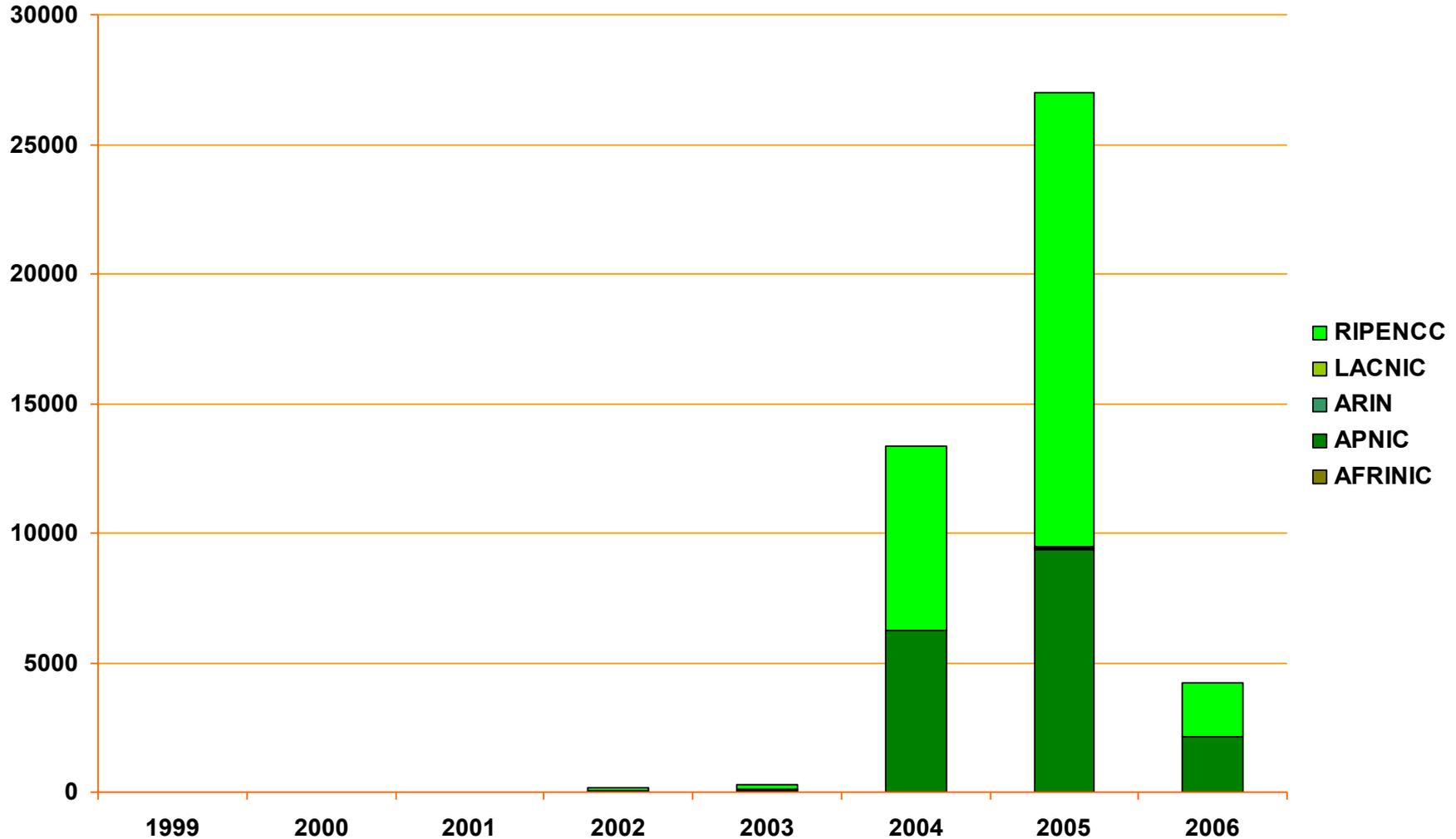
# IPv6 distribution – top 10 CC



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# IPv6 distribution – annual totals

Unit: /32 prefix

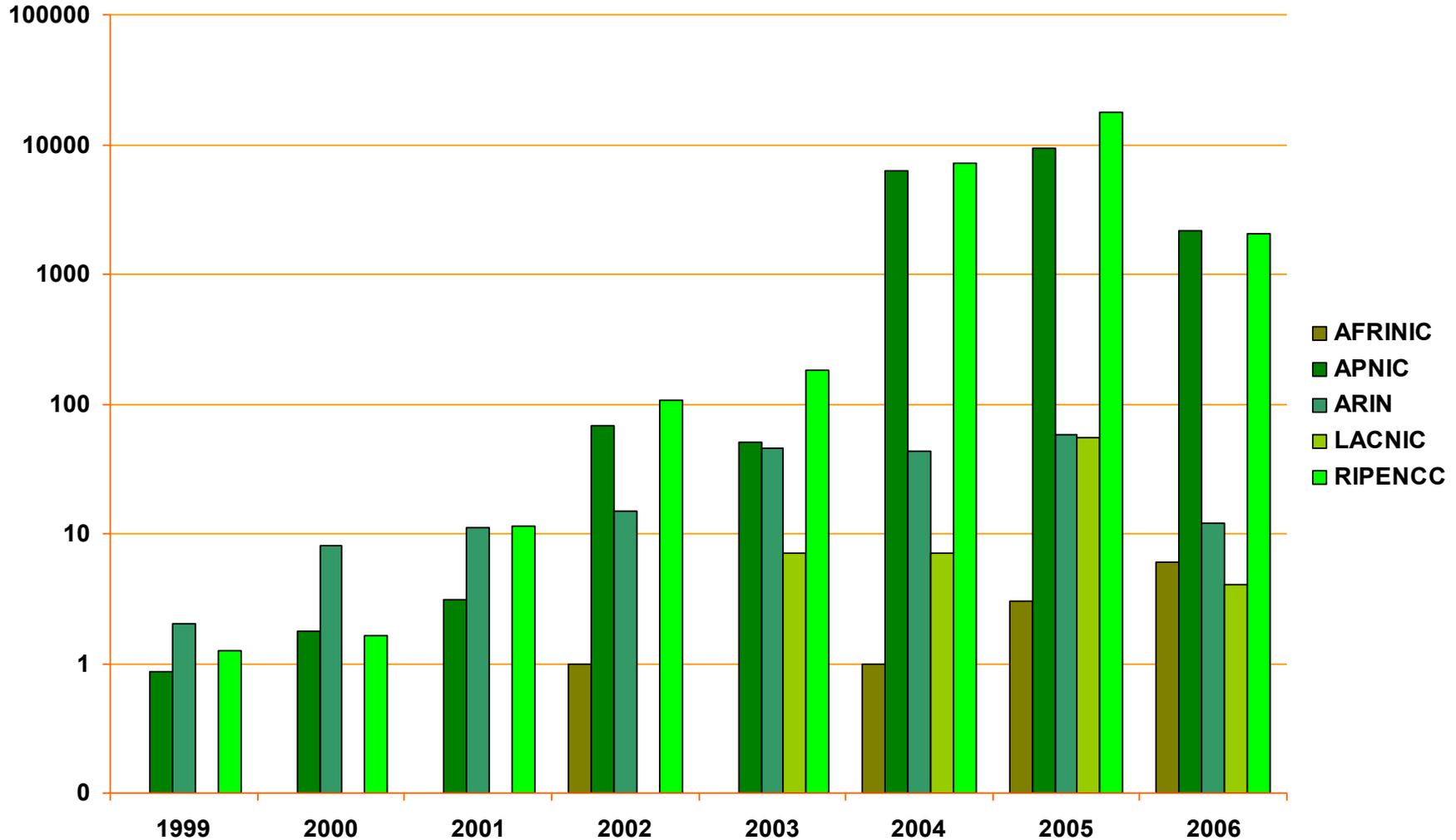


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# IPv6 distribution – annual totals

\* log scale

Unit: /32 prefix



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# IPv6 statistics online

- RIR statistics
  - <http://www.nro.net/statistics>
- IANA
  - <http://www.iana.org/assignments/ipv6-unicast-address-assignments>

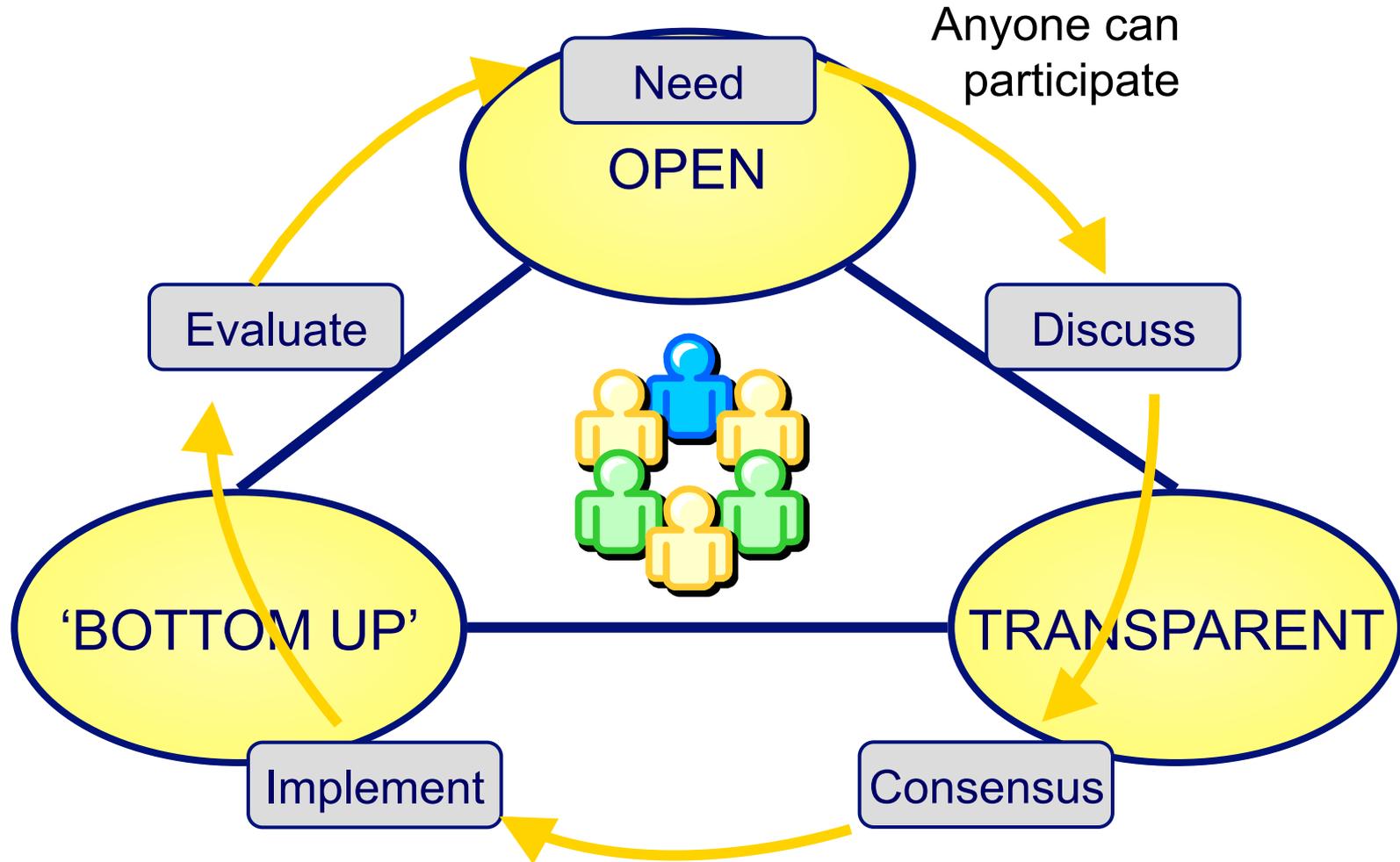
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# IPv6 policy status

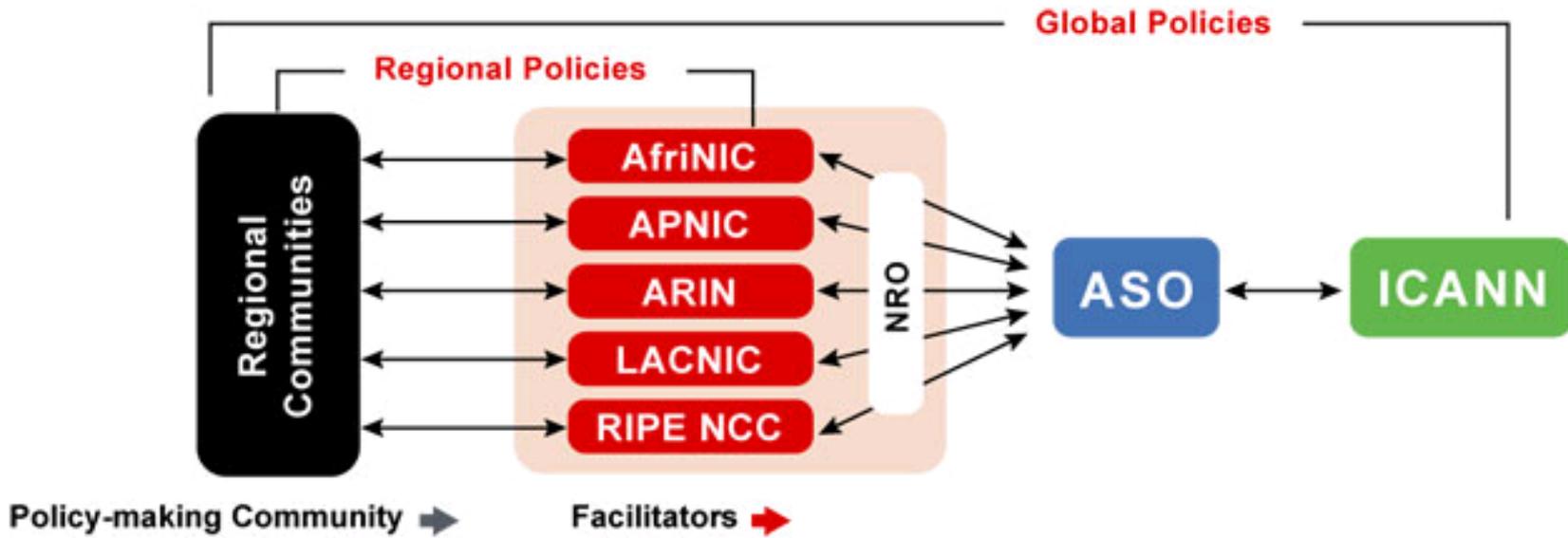
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# RIR policy development process



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# ASO global policy process



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# RIR policy references

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



Questions?

<http://www.nro.net>

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