

Actualización de IANA

LACNIC XII - Ciudad de Panamá

Mayo de 2009

Pablo Hinojosa
Global Partnership - Latin American Liaison



Internet Corporation for
Assigned Names & Numbers

Temas

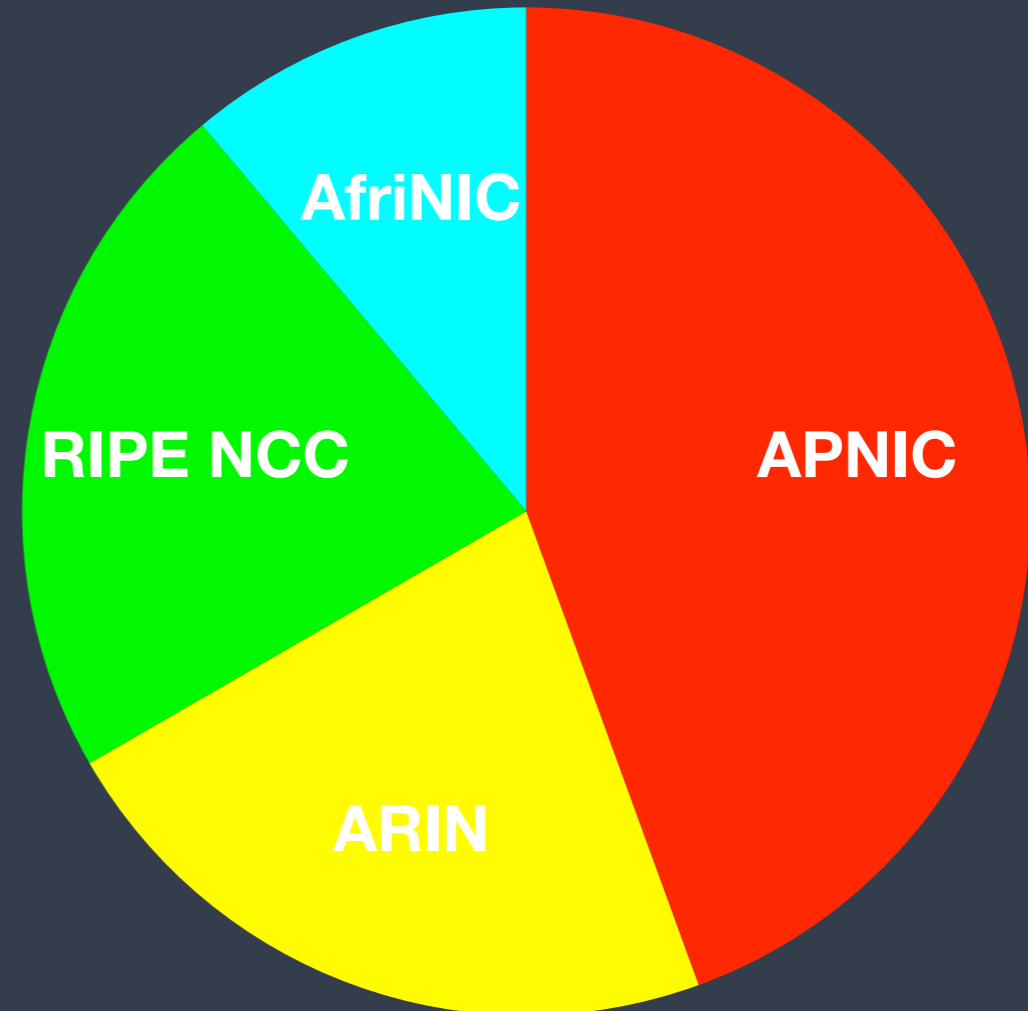
- ▶ Políticas Globales
- ▶ Estatus del “pool” central IPv4
- ▶ Situación del “pool” de números AS
- ▶ Trabajos en IETF
- ▶ Nuevas perspectivas sobre datos de registro
- ▶ Automatización y aseguramiento de la administración inversa del DNS

Políticas Globales

- ▶ “Política Global para la asignación del espacio remanente de direcciones IPv4” ratificada por la Junta Directiva de ICANN el 6 de marzo de 2009
- ▶ 5 /8s han sido seleccionados y se han puesto en reserva
- ▶ Preparados para las asignaciones finales de IPv4

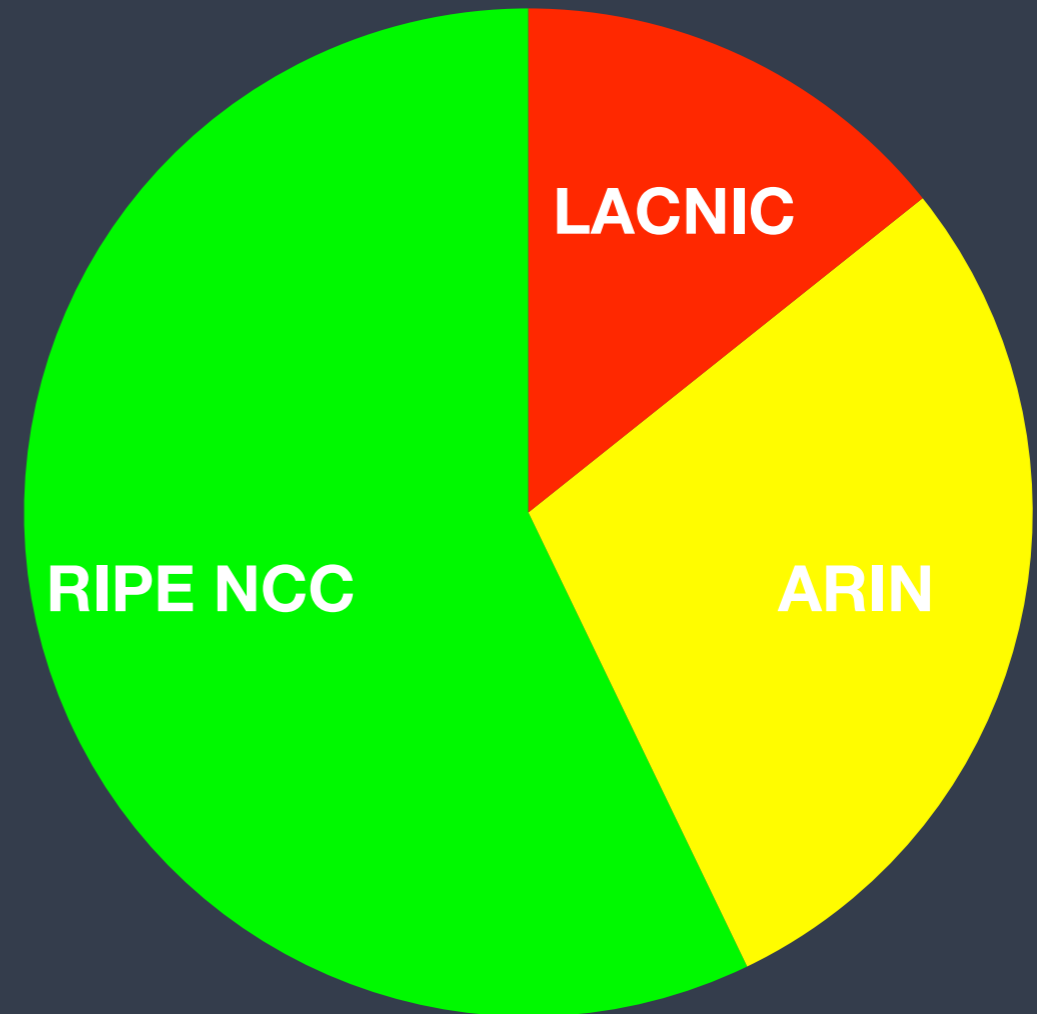
IPv4 - desde LACNIC XI

- ▶ 30 /8s siguen sin asignarse
- ▶ 8 /8s fueron asignados:
 - ▶ 4 a APNIC
 - ▶ 2 a ARIN
 - ▶ 2 a RIPE NCC
 - ▶ 1 a AfriNIC



Números AS - desde LACNIC XI

- ▶ 6 bloques de 16-bits asignados
 - ▶ 1 a LACNIC
 - ▶ 2 a ARIN
 - ▶ 4 a RIPE NCC



Trabajos en IETF

- ▶ draft-iana-rfc3330bis
 - ▶ Último llamado. La siguiente iteración será como BCP
- ▶ draft-iana-special-ipv4-registry
 - ▶ Crea un registro de asignaciones de protocolo para IETF 192.0.0.0/24
- ▶ draft-ietf-mboned-rfc3171bis
 - ▶ Último llamado WG. Los asuntos pendientes serán tomados en cuenta.

Nuevas Perspectivas sobre Datos de Registro

- ▶ Existen 5 registros de IPv6, cada uno en una parte diferente del espacio
- ▶ Estamos desarrollando una sólo vista para estos registros.
- ▶ Las ramas podrán colapsarse y expandirse
- ▶ Mostrará también el espacio no asignado

Ahora lo ves... Ahora no lo ves

2880::/9	Unallocated	
2900::/8	Unallocated	
2A00:0000::/12	RIPE NCC	[IANA registry ipv6-unicast-address-assignments]
2A10::/12	Unallocated	
2A20::/11	Unallocated	
2A40::/10	Unallocated	
2A80::/9	Unallocated	
2B00::/8	Unallocated	
2C00:0000::/12	AfriNIC	[IANA registry ipv6-unicast-address-assignments]
2C10::/12	Unallocated	
2C20::/11	Unallocated	
2C40::/10	Unallocated	
2C80::/9	Unallocated	
2D00::/8	Unallocated	
2E00::/7	Unallocated	
3000::/4	Unallocated	
4000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
6000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
8000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
A000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
C000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
E000::/4	Reserved by IETF	[IANA registry ipv6-address-space]
F000::/5	Reserved by IETF	[IANA registry ipv6-address-space]
F800::/6	Reserved by IETF	[IANA registry ipv6-address-space]
FC00::/7	Unique Local Unicast	[IANA registry ipv6-address-space]
FE00::/9	Reserved by IETF	[IANA registry ipv6-address-space]
FE80::/10	Link Local Unicast	[IANA registry ipv6-address-space]
FEC0::/10	Reserved by IETF	[IANA registry ipv6-address-space]
⊕ FF00::/8	Multicast	[IANA registry ipv6-address-space]
<input checked="" type="checkbox"/> Show unallocated space		

2001:4A00::/23	RIPE NCC	[IANA registry ipv6-unicast-address-assignments]
2001:4C00::/23	RIPE NCC	[IANA registry ipv6-unicast-address-assignments]
2001:5000::/20	RIPE NCC	[IANA registry ipv6-unicast-address-assignments]
2001:8000::/19	APNIC	[IANA registry ipv6-unicast-address-assignments]
2001:A000::/20	APNIC	[IANA registry ipv6-unicast-address-assignments]
2001:B000::/20	APNIC	[IANA registry ipv6-unicast-address-assignments]
2002:0000::/16	6to4	[IANA registry ipv6-unicast-address-assignments]
2003:0000::/18	RIPE NCC	[IANA registry ipv6-unicast-address-assignments]
2400:0000::/12	APNIC	[IANA registry ipv6-unicast-address-assignments]
2600:0000::/12	ARIN	[IANA registry ipv6-unicast-address-assignments]
2610:0000::/23	ARIN	[IANA registry ipv6-unicast-address-assignments]
2620:0000::/23	ARIN	[IANA registry ipv6-unicast-address-assignments]
2800:0000::/12	LACNIC	[IANA registry ipv6-unicast-address-assignments]
2A00:0000::/12	RIPE NCC	[IANA registry ipv6-unicast-address-assignments]
2C00:0000::/12	AfriNIC	[IANA registry ipv6-unicast-address-assignments]
4000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
6000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
8000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
A000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
C000::/3	Reserved by IETF	[IANA registry ipv6-address-space]
E000::/4	Reserved by IETF	[IANA registry ipv6-address-space]
F000::/5	Reserved by IETF	[IANA registry ipv6-address-space]
F800::/6	Reserved by IETF	[IANA registry ipv6-address-space]
FC00::/7	Unique Local Unicast	[IANA registry ipv6-address-space]
FE00::/9	Reserved by IETF	[IANA registry ipv6-address-space]
FE80::/10	Link Local Unicast	[IANA registry ipv6-address-space]
FEC0::/10	Reserved by IETF	[IANA registry ipv6-address-space]
⊕ FF00::/8	Multicast	[IANA registry ipv6-address-space]
<input type="checkbox"/> Show unallocated space		

Automatización y aseguramiento de la administración inversa del DNS

- ▶ Los sistemas para aceptar de forma segura la delegación de DNSSEC y los materiales para que los RIRs puedan firmar dominios inversamente ha pasado pruebas alfa
- ▶ Pruebas beta programadas para la última semana de julio
- ▶ Agradecimiento al staff técnico de los RIRs por su cooperación

Gracias

pablo.hinojosa@icann.org

leo.vegoda@icann.org