

Mise à Jour, IANA

AfriNIC 10 - Caire, EG

May 2009

Leo Vegoda

Number Resources Manager, IANA



Internet Corporation for
Assigned Names & Numbers

Vue d'ensemble

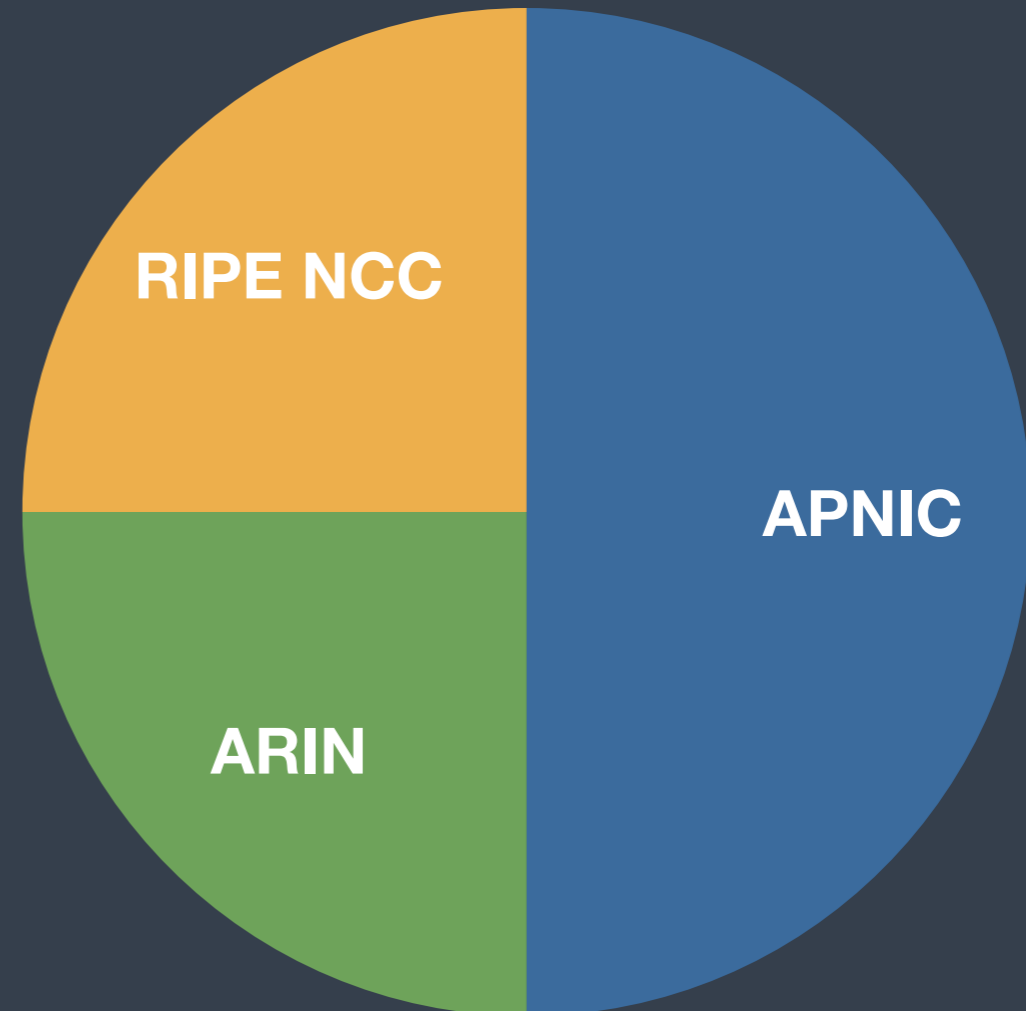
- ▶ Politique Globale
- ▶ IPv4
- ▶ Numeros AS
- ▶ Travail avec IETF
- ▶ Nouveau point de vue des données registre
- ▶ Automatisation et sécurisation du gestion du DNS reverse

Politique Globale

- ▶ “Global Policy for the Allocation of the Remaining IPv4 Address Space” ratifiée par la conseil d'administration d'ICANN, le 6 Mars 2009
- ▶ 5 /8s ont été sélectionnés et mises de côté
- ▶ Préparées pour la dernière allocation IPv4

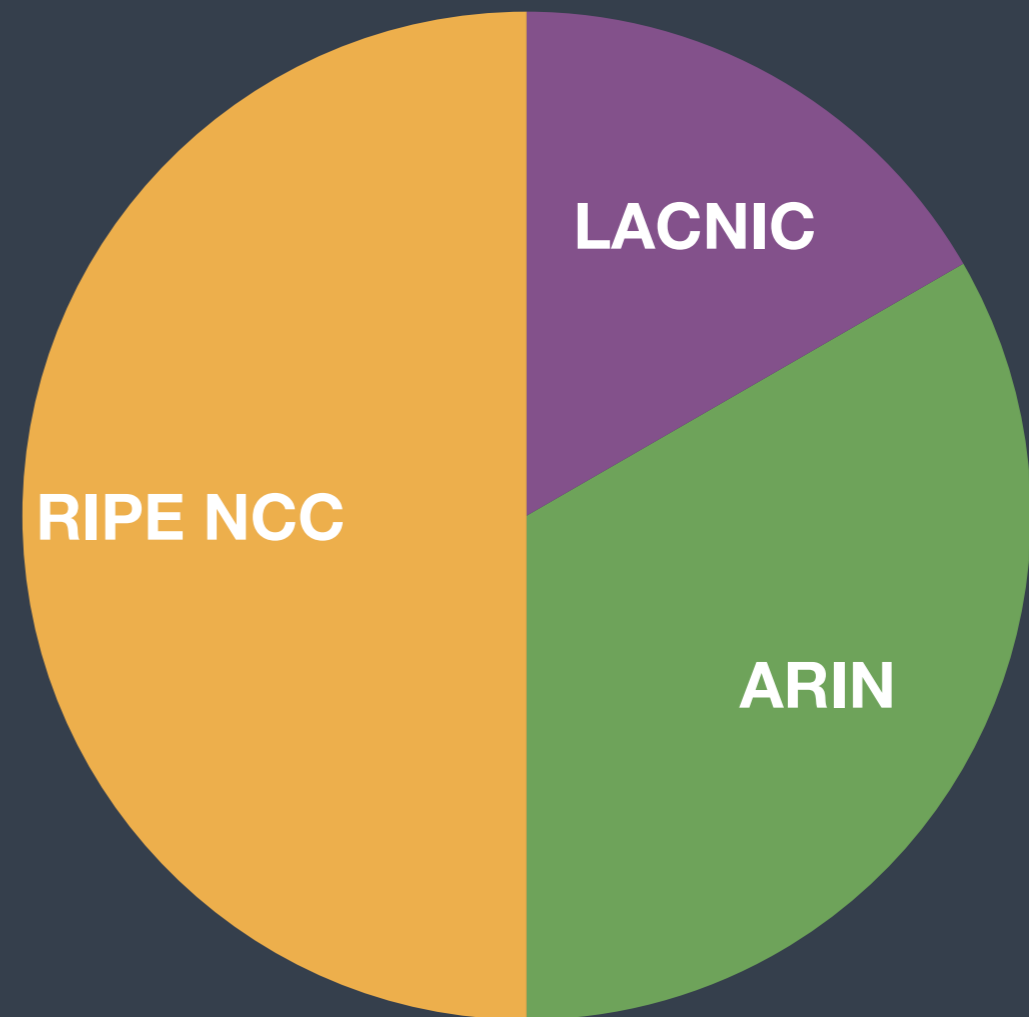
IPv4 - depuis AfriNIC-9

- ▶ 30 /8s non allouées
- ▶ 8 /8s allouées
 - ▶ 4 à APNIC
 - ▶ 2 à ARIN
 - ▶ 2 à RIPE NCC



AS Numbers - depuis AfriNIC-9

- ▶ 6 16-bit blocs allouées
 - ▶ 1 à LACNIC
 - ▶ 2 à ARIN
 - ▶ 3 à RIPE NCC



Travail avec IETF

- ▶ draft-iana-rfc3330bis
 - ▶ Last Call (Informational) comme en avril. Last Call (BCP) bientôt.
- ▶ draft-iana-special-ipv4-registry
 - ▶ 192.0.0.0/24 deviendra un registre des affectations protocole IETF
- ▶ draft-ietf-mboned-rfc3171bis
 - ▶ WG Last Call comme en avril. Les questions soulevées ont été traitées et nous sommes maintenant à la recherche de publication.

Nouveau point de vue des données du registre

- ▶ Il ya 5 registres, un pour chaque partie de l'espace IPv6
- ▶ Nous développons une seule vue de ces registres
- ▶ Elle permettra à des sous-registres d'être visibles et caché
- ▶ Elle permettra à l'espace non alloué à être visibles et caché

Espace non alloué. Visible et caché

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		

Automatisation et sécurisation de la gestion du DNS reverse

- ▶ Permettra aux systèmes des délégations de sécurité DNSSEC d'accepter du matériel du RIR, passé les tests alpha
- ▶ Le beta test est ciblé et selon le calendrier prévu pour la dernière semaine de Juillet
- ▶ Nous remercions tout le personnel technique des RIRs pour leur coopération

Merci!

leo.vegoda@icann.org