



NTT

NTT Information Sharing Platform Laboratories
NTT 情報流通プラットフォーム研究所

ASO報告

NTT情報流通プラットフォーム研究所

藤崎智宏

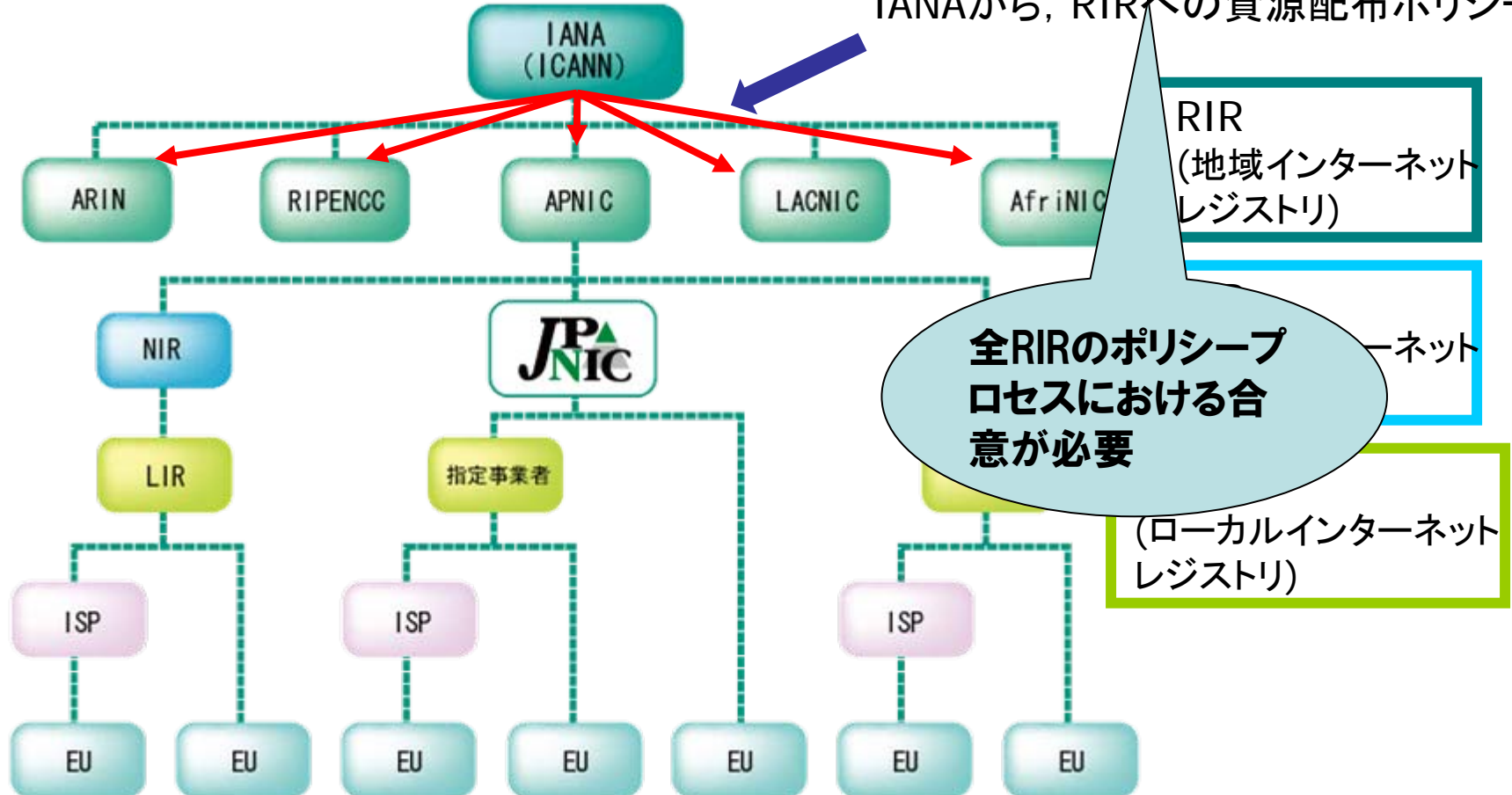
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ASOとは

- ASO : Address Supporting Organization
 - ICANN の支持組織の一つ
- 役割
 - グローバルIPアドレスポリシー(IANAとRIR間のアドレスポリシー)策定について, ICANN理事会に助言, 勧告を実施
 - LIR(ISP等)や, エンドユーザ向けのIPアドレスポリシーは各RIRレベルで策定される.

• IPアドレスとAS番号の管理

グローバルポリシー：
IANAから、RIRへの資源配布ポリシー




JPNIC講演資料

http://venus.gr.jp/opf-jp/events/showcase2/showcase2_02.pdf
より抜粋

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 - ICANN理事の選出(ASO選出枠:2/15)
- 構成
 - 各RIRから3人ずつ, 合計15名で評議会(AC = Advisory Council) を構成

<i>REGION</i>	<i>Member</i>
 <p>Afrinic The Internet Numbers Registry for Africa</p>	Alan Barrett* [Vice Chair] Jean Robert Hountomey <i>Fiona Asonga</i>
 <p>APNIC</p>	<i>Andy Linton</i> Tomohiro Fujisaki * Naresh Ajwani[Vice Chair]
 <p>ARIN American Registry for Internet Numbers</p>	Jason Schiller <i>Ron da Silva*</i> Louis Lee [Chair]
 <p>LACNIC</p>	Sebastian Bellagamba Hartmut Glaser* Francisco Obispo
 <p>RIPE NCC</p>	Dave Wilson Hans Petter Holen Wilfried Woeber*

* Appointed by RIR Board

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 - 主な活動
 - 毎月1回の電話会議
 - <http://aso.icann.org/meetings/index.html>
 - オンサイトミーティング(年一回以上)
-  ICANN40にて開催

ICANN40でのASO関連ミーティング

●2011年3月15日(火) 9:00～夕刻まで

TUESDAY, 15 MARCH													
LEVEL	Mezzanine		Lobby Level		2nd Floor					12th Floor	32nd Floor		
ROOM	Borgia	Colonial	Grand Ballroom	Tower Salon A	Tower Salon B	California East	California West	Elizabethan A-C	Elizabethan D	Olympic	St. Francis Suite - East	Victor's	Alexandra's
0700 - 0730	-	-	-	-	-	-	-	-	-	-	-	-	-
0730 - 0800	-	-	-	-	-	-	-	-	-	-	-	-	-
0800 - 0830	-	-	-	SSAC Internal Meeting (CLOSED)	Fellowship Morning Meeting (0700 - 0900)	AI-Large Improvements WT D Meeting (0730 - 0830)	Tech Working Group Meeting (CLOSED)	-	-	-	-	-	-
0830 - 0900	-	-	-	(0800 - 1030)	-	ALAC: Policy Discussion - Part I (0830 - 1030)	(0800 - 0900)	-	-	-	-	-	-
0900 - 0930	-	-	-	-	-	-	-	ccNSO Members Meeting (0900 - 1130)	-	-	-	-	-
0930 - 1000	-	-	-	-	Potential Not for Profit Organisation Constituency (0900 - 1200)	-	-	-	-	-	Non Commercial Users Constituency (NCLUC) Working Session (0900 - 1230)	-	-
1000 - 1030	-	-	-	-	-	-	-	-	-	-	-	-	-
1030 - 1100	Strengthening Consumer Agenda at ICANN (0830 - 1245)	Registrar Stakeholder Group Meeting (0900 - 1300)	-	BREAK	BREAK	BREAK	BREAK	BREAK	-	-	BREAK	BREAK	BREAK
1100 - 1130	-	-	-	SSAC Public Meeting (1100 - 1230)	-	ALAC: Policy Discussion - Part II (1100 - 1230)	IDN Fast Track Review (in cooperation with ccNSO) (1130 - 1300)	-	-	-	-	-	-
1130 - 1200	-	-	-	-	-	-	-	-	-	-	-	-	-
1200 - 1230	-	-	-	-	-	-	-	-	-	-	-	-	-
1230 - 1300	-	-	Consultation Between ICANN Board and the GAC (0900 - 1700)	-	AL-Large Improvements WT B Meeting (1300 - 1400)	-	-	Registrars Stakeholder Group (0900 - 1700)	ASO AC Face to Face Meeting (CLOSED) (0900 - 1700)	-	-	-	-
1300 - 1330	LUNCH BREAK	LUNCH BREAK	-	LUNCH BREAK	-	-	-	LUNCH BREAK	-	-	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
1330 - 1400	-	-	-	-	-	-	-	-	-	-	-	-	-
1400 - 1430	-	-	-	Commercial and Business Users Constituency (BC) (1230-1730)	-	-	-	Internet & Service Providers Constituency (ISP/CP) Meeting (1400 - 1600)	-	-	-	-	-
1430 - 1500	-	-	-	-	-	-	-	-	-	-	-	-	Intellectual Property Constituency (IPC) Meeting (1400 - 1600)
1500 - 1530	-	-	-	-	-	-	-	-	-	-	Non Commercial Stakeholder Group (NCSG) Working Session (1400 - 1800)	-	-
1530 - 1600	BREAK	BREAK	-	-	ALAC Meeting with the SSAC (1530 - 1630)	-	-	-	-	-	-	-	-
1600 - 1630	-	-	-	-	-	-	-	-	-	-	-	-	-
1630 - 1700	-	-	-	-	-	-	-	-	-	-	-	-	-
1700 - 1730	-	-	-	-	-	APRALO Monthly Meeting (1700 - 1800)	-	-	-	-	-	-	-
1730 - 1800	-	-	-	-	-	-	-	-	-	-	-	-	-
1800 - 1830	-	-	-	-	-	-	-	-	-	-	-	-	-
1830 - 1900	-	-	-	-	-	-	-	-	-	-	-	-	-

この他、

- 3月16日 ASOワークショップ(と調整ミーティング)
 - 3月17日 残課題検討臨時ミーティング
- が実施された

1. Welcome
2. Agenda Review
3. Approval of the Minutes
4. Open Action Item Review
 - 0622-02: ASO AC WiKi
 - 0203-01: SEC to remove 'Draft' from the January Minutes. OPEN.
5. Status of Global Policy For IPv4 Allocations by the IANA Post Exhaustion
6. Status of Global Policy for Post Exhaustion IPv4 Allocation Mechanisms by the IANA
7. ICANN Review Teams: Related Activities Update
8. Status of 2011 ICANN NomCom
9. Status of ASO Review
10. Any Other Business
11. Adjournment

- ICANN在庫枯渇後に、返却などでIPv4アドレスの在庫が発生したときの配布ポリシーについて、議論が続いている。

– IPv4アドレス配布関連

- [GPP-IPv4-2009] Global Policy Proposal for the Allocation of IPv4 Blocks to Regional Internet Registries
- [GPP-IPv4-2010] Global Policy Proposal for the Allocation of IPv4 by IANA Post Exhaustion
- [GPP-IPv4-2011] Global Policy for Post Exhaustion IPv4 Allocation Mechanisms by the IANA

ASO的グローバルポリシー番号の付与もICANN40での議論結果です！

IPv4グローバルポリシーの比較

Proposal/features	GPP-IPv4-2011	GPP-IPv4-2010	GPP-IPv4-2009
RIR return to IANA	Not mentioned	Voluntary	Mandatory vs. voluntary
RIR Eligibility	Simultaneous for all RIRs	Per RIR, when it has less than a /8 in stock	Simultaneous for all RIRs
Status	under discussion	abandoned at two RIRs	abandoned

- 3月16日(水)

- ICANNのセッション”ASO AC Workshop on IP Addressing Activities”にて、APNICの現在のポリシー議論状況を報告

- <http://svsf40.icann.org/meetings/siliconvalley2011/presentation-number-resource-policy-development-activities-16mar11-en.pdf>



ASOに関する情報はこちら

- ICANN ASO
 - <http://aso.icann.org/>
- NRO (Number Resource Organization)
 - <http://www.nro.net/>