インターネット資源RIR間移転情報の IANA DBへの反映について

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概要

- RIR 間での資源移転が起こった場合に，IANA DB の変更の必要性についてご意見を伺いたい
  - RIR 間での資源の移転
    - IPv4 アドレス
    - （AS 番号）

IANA DB 情報変更に関するグローバルポリシー提案実施の是非を決める参考にしたい．

現状の IANA DB

- IANA DB: インターネット資源の利用状況を管理
  - ドメイン名，番号資源（IPv4/IPv6アドレス，AS 番号），プロトコルパラメータ
  - http://www.iana.org

  - このうち，番号資源情報の扱い方の変更に関しては，RIR のポリシー提案（グローバルポリシー提案）が必要な可能性有り

IPv4アドレスに関する情報

- http://www.iana.org/assignments/ipv4-address-space/ipv4-address-space.xml

- /8 単位での管理
  - /8 以下の特定利用は，注釈あり

- 現状，移転情報は考慮されていない．

IPv4 アドレス DB

250/8	Future use	1981-09		RESERVED	[16]
251/8	Future use	1981-09		RESERVED	[16]
252/8	Future use	1981-09		RESERVED	[16]
253/8	Future use	1981-09		RESERVED	[16]
254/8	Future use	1981-09		RESERVED	[16]
255/8	Future use	1981-09		RESERVED	[16][17]

Footnotes

[1]   Indicates the status of address blocks as follows:
RESERVED: designated by the IETF for specific non-global-unicast purposes as noted.
LEGACY: allocated by the central Internet Registry (IR) prior to the Regional Internet Registries
(RIRs). This address space is now administered by individual RIRs as noted, including maintenance
of WHOIS Directory and reverse DNS records. Assignments from these blocks are distributed globally
on a regional basis.
ALLOCATED: delegated entirely to specific RIR as indicated.
UNALLOCATED: not yet allocated or reserved.

[2]   0.0.0.0/8 reserved for self-identification [RFC1122], section 3.2.1.3.
Reserved by protocol. For authoritative registration, see [IANA registry iana-ipv4-special-registry].

[3]   Reserved for Private-Use Networks [RFC1918].
Complete registration details for 10.0.0.0/8 are found in [IANA registry iana-ipv4-special-registry].

AS 番号に関する情報

- http://www.iana.org/assignments/as-numbers/as-numbers.xml

- 1AS ごとの管理

- 現状，移転ポリシーはなし

AS 番号 DB

7	Assigned by RIPE NCC	whois.ripe.net		
8-27	Assigned by ARIN	whois.arin.net		
28	Assigned by RIPE NCC	whois.ripe.net		
29-136	Assigned by ARIN	whois.arin.net		
137	Assigned by RIPE NCC	whois.ripe.net		
138-172	Assigned by ARIN	whois.arin.net		
173	Assigned by APNIC	whois.apnic.net		
174-223	Assigned by ARIN	whois.arin.net		
224	Assigned by RIPE NCC	whois.ripe.net		
225-247	Assigned by ARIN	whois.arin.net		
248-251	Assigned by RIPE NCC	whois.ripe.net		
252-260	Assigned by ARIN	whois.arin.net		
261	Assigned by RIPE NCC	whois.ripe.net		
262-277	Assigned by ARIN	whois.arin.net		
278	Assigned by LACNIC	whois.lacnic.net		
279-285	Assigned by ARIN	whois.arin.net		
286	Assigned by RIPE NCC	whois.ripe.net		
287	Assigned by ARIN	whois.arin.net		
288	Assigned by RIPE NCC	whois.ripe.net		
289-293	Assigned by ARIN	whois.arin.net		
294	Assigned by RIPE NCC	whois.ripe.net		
295-374	Assigned by ARIN	whois.arin.net		

IANA DB 情報の在り方について

- IPv4 アドレス情報，AS 番号情報の在り方について，ご意見を頂きたい．