

Begin forwarded message:

> From: Axel Pawlik  
> Date: 23 November 2010 6:13:22 am  
> To: Elise Gerich  
> Cc: Leo Vegoda  
> Subject: Various Registry address space, update  
> message-id:  
> user-agent: Mozilla/5.0 (Macintosh; U; Intel Mac OS X 10.6; en-US; rv:1.9.2.12) Gecko/20101027  
Thunderbird/3.1.6  
>  
>  
> Dear Elise and Leo,  
>  
> In January 2008, the NRO sent IANA a summary spreadsheet that detailed  
> the agreed upon distribution of administrative responsibility for the  
> various registry address blocks amongst the RIRs (original email attached).  
>  
> Since that time, there have been updates and changes made to some of the  
> "holes" within those /8 blocks, mainly due to returns and database clean  
> up activity. Attached you will find the updated distribution list of  
> the "holes".  
>  
> Please let me know if you have any questions.  
>  
> Best Regards,  
> Axel Pawlik (NRO EC Chair, 2010)  
>  
>

From: Paul Wilson  
Subject: RIR distribution of "various registries" address space  
Date: 28 January 2008 11:24:59 pm  
To: David Conrad, Leo Vegoda

Dear David and Leo

Please find attached a summary spreadsheet (Excel format) providing the agreed distribution of administrative responsibility for various registries address blocks among the RIRs. Below is the extracted list of /8 blocks for each RIR.

This is the result of RIR extensive analysis, discussion and agreement, and it is our expectation that the distribution will be implemented on that basis.

That said, I expect that you may have some questions. If you would like to have a face-face discussion during the ICANN meetings in New Delhi, I will be there along with Axel and Ray. If you have any questions in the meantime, please let me know.

Thanks in advance,

Paul (NRO EC Chair, 2008)

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RIR	/8
RIPE	128
	130
	134
	141
	145
	146
	149
	151
	158
	159
	164
	188
LACNIC	131
	132
	138
	143
	148
	152
	161
	167
	168
	170
	191
ARIN	135
	136

142  
147  
162  
166  
172  
192  
198

APNIC 139  
140  
144  
150  
153  
157  
163  
171

AFRINIC 129  
137  
154  
155  
156  
160  
165  
169

RIR	/8	#/Free Nodes	# /16 Equiv	Current DNS Admin	Target RIR	Future Majority	AfriNIC	APNIC	ARIN	LACNIC	RIPE NCC	IANA	Target AfriNIC Holes	Target APNIC Holes	Target ARIN Holes	Target LACNIC Holes	Target RIPE NCC Holes	RIR	# /16	/8 Equiv				
RIPE	128	1245184	19	ARIN	RIPE	ARIN	0	3	208	0	24	2	0	0	0	0	19	Others AfriNIC APNIC ARIN LACNIC RIPE NCC Total	1657 14 128 1499 16 1029 2686	6.47 0.05 0.50 5.86 0.06 4.02 10.49				
	130	393216	6	ARIN	RIPE	ARIN	0	18	158	0	74	0	0	0	0	0	6							
	134	393216	6	ARIN	RIPE	ARIN	0	14	162	0	74	0	0	0	0	0	6							
	141	720896	11	RIPE NCC	RIPE	RIPE	0	8	104	0	133	0	0	0	0	0	11							
	145	401680	6.13	RIPE NCC	RIPE	RIPE	0	0	0	0	252	0	0	0	0	0	6.13							
	146	786432	12	ARIN	RIPE	ARIN	6	13	158	4	63	0	0	0	0	0	12							
	149	655360	10	ARIN	RIPE	ARIN	0	5	155	0	86	0	0	0	0	0	10							
	151	2752512	42	RIPE NCC	RIPE	RIPE	0	4	91	0	119	0	0	0	0	0	42							
	158	393216	6	ARIN	RIPE	ARIN	0	30	144	4	72	0	0	0	0	0	6							
	159	589824	9	ARIN	RIPE	ARIN	0	12	165	2	69	0	0	0	0	0	9							
	164	327680	5	ARIN	RIPE	ARIN	8	21	154	6	62	0	0	0	0	0	5							
	188	16711680	255	RIPE NCC	RIPE	RIPE	0	0	0	0	1	0	0	0	0	0	255							
	LACNIC	131	294656	4.5	ARIN	LACNIC	ARIN	0	14	197	1	40	0	0	0	0	4.5				0	Others AfriNIC APNIC ARIN LACNIC RIPE NCC Total	2334 22 144 1868 94 300 2428	9.12 0.09 0.56 7.30 0.37 1.17 9.48
		132	393216	6	ARIN	LACNIC	ARIN	0	6	199	3	42	0	0	0	0	6				0			
138		1048576	16	ARIN	LACNIC	ARIN	0	22	158	0	60	0	0	0	0	16	0							
143		327680	5	ARIN	LACNIC	ARIN	2	19	188	4	38	0	0	0	0	5	0							
148		327680	5	ARIN	LACNIC	ARIN	0	4	159	50	38	0	0	0	0	5	0							
152		3014656	46	ARIN	LACNIC	ARIN	7	14	165	4	20	0	0	0	0	46	0							
161		655360	10	ARIN	LACNIC	ARIN	0	25	162	9	50	0	0	0	0	10	0							
167		720896	11	ARIN	LACNIC	ARIN	0	11	225	4	5	0	0	0	0	11	0							
168		786432	12	ARIN	LACNIC	ARIN	13	25	192	11	3	0	0	0	0	12	0							
170		1114112	17	ARIN	LACNIC	ARIN	0	4	223	8	4	0	0	0	0	17	0							
191		16711680	255	ARIN	LACNIC	LACNIC	0	0	0	0	0	1	0	0	0	0	255							
ARIN	135	131072	2	ARIN	ARIN	ARIN	0	0	253	0	1	0	0	0	2	0	0	Others AfriNIC APNIC ARIN LACNIC RIPE NCC Total	244 5 114 1940 9 275 2343	1 0.02 0.44 7.58 0.04 1.07 9.15				
	136	196608	3	ARIN	ARIN	ARIN	0	5	232	0	16	0	0	0	3	0	0							
	142	983040	15	ARIN	ARIN	ARIN	0	0	241	0	0	0	0	0	15	0	0							
	147	196608	3	ARIN	ARIN	ARIN	1	19	144	1	88	0	0	0	3	0	0							
	162	7340032	112	ARIN	ARIN	ARIN	0	6	129	1	8	0	0	0	112	0	0							
	166	434176	6.62	ARIN	ARIN	ARIN	1	15	221	3	10	0	0	0	6.62	0	0							
	172	9895936	151	ARIN	ARIN	ARIN	0	0	89	0	0	16	0	0	151	0	0							
	192	3519232	53.7	ARIN	ARIN	ARIN	1	13	134	1	51	2	0	0	53.7	0	0							
	198	2705920	41.29	ARIN	ARIN	ARIN	1	2	209	0	1	2	0	0	41.29	0	0							
	APNIC	139	3211264	49	ARIN	APNIC	ARIN	1	15	104	1	86	0	0	49	0	0				0	Others AfriNIC APNIC ARIN LACNIC RIPE NCC Total	1310 10 350 940 23 337 1660	5 0.04 1.37 3.67 0.09 1.32 6.48
140		1048576	16	ARIN	APNIC	ARIN	0	39	184	2	15	0	0	16	0	0	0							
144		393216	6	ARIN	APNIC	ARIN	0	26	178	2	44	0	0	6	0	0	0							
150		655360	10	APNIC	APNIC	APNIC	0	111	101	10	24	0	0	10	0	0	0							
153		9437184	144	ARIN	APNIC	APNIC	0	3	89	0	20	0	0	144	0	0	0							
157		458752	7	ARIN	APNIC	ARIN	0	68	130	4	47	0	0	7	0	0	0							
163		589824	9	APNIC	APNIC	APNIC	9	88	63	4	83	0	0	9	0	0	0							
171		9633792	147	ARIN	APNIC	APNIC	0	0	91	0	18	0	0	147	0	0	0							
AFRINIC	129	524288	8	ARIN	AFRINIC	ARIN	0	9	195	1	43	0	8	0	0	0	0	Others AfriNIC APNIC ARIN LACNIC RIPE NCC Total	1617 42 172 1196 7 242 1659	6 0.16 0.67 4.67 0.03 0.95 6.48				
	137	458752	7	ARIN	AFRINIC	ARIN	3	14	185	0	47	0	7	0	0	0	0							
	154	12582912	192	ARIN	AFRINIC	AFRINIC	0	3	56	0	5	0	192	0	0	0	0							
	155	458752	7	ARIN	AFRINIC	ARIN	10	11	196	1	31	0	7	0	0	0	0							
	156	6750208	103	ARIN	AFRINIC	ARIN	1	10	115	1	26	0	103	0	0	0	0							
	160	2818048	43	ARIN	AFRINIC	ARIN	8	66	84	0	55	0	43	0	0	0	0							
	165	1441792	22	ARIN	AFRINIC	ARIN	18	41	169	3	3	0	22	0	0	0	0							
	169	376832	5.75	ARIN	AFRINIC	ARIN	2	18	196	1	32	1	5.75	0	0	0	0							
														Total AfriNIC	Total APNIC	Total ARIN	Total LACNIC				Total RIPE NCC			
Total #/16 holes			1938														388	388	388	388	387			
Target # /16s per RIR			387.6																					

Slash 8	Target RIR	Future Majority	# Holes	AFRINIC Holes	ARIN Holes	APNIC Holes	LACNIC Holes	RIPENCC Holes	IANA Holes
129	AFRINIC	ARIN	8	8	0	0	0	0	0
137	AFRINIC	ARIN	6	6	0	0	0	0	0
154	AFRINIC	AFRINIC	192	192	0	0	0	0	0
155	AFRINIC	ARIN	8	8	0	0	0	0	0
156	AFRINIC	ARIN	103	103	0	0	0	0	0
160	AFRINIC	ARIN	44	44	0	0	0	0	0
165	AFRINIC	ARIN	23	23	0	0	0	0	0
169	AFRINIC	ARIN	5	5	0	0	0	0	0
139	APNIC	ARIN	49	0	0	49	0	0	0
140	APNIC	ARIN	17	0	0	17	0	0	0
144	APNIC	ARIN	6	0	0	6	0	0	0
150	APNIC	APNIC	10	0	0	10	0	0	0
153	APNIC	APNIC	146	0	0	146	0	0	0
157	APNIC	ARIN	7	0	0	7	0	0	0
163	APNIC	APNIC	10	0	0	10	0	0	0
171	APNIC	APNIC	147	0	0	147	0	0	0
135	ARIN	ARIN	2	0	2	0	0	0	0
136	ARIN	ARIN	3	0	2	0	0	1	0
142	ARIN	ARIN	15	0	15	0	0	0	0
147	ARIN	ARIN	4	0	4	0	0	0	0
162	ARIN	ARIN	113	0	113	0	0	0	0
166	ARIN	ARIN	6	0	6	0	0	0	0
172	ARIN	ARIN	151	0	151	0	0	0	0
192	ARIN	ARIN	55.5	0.0	55.5	0	0	0	0
198	ARIN	ARIN	42.6	0.0	42.6	0	0	0	0
131	LACNIC	ARIN	7	0	0	0	7	0	0
132	LACNIC	ARIN	5	0	0	0	5	0	0
138	LACNIC	ARIN	15	0	0	0	15	0	0
143	LACNIC	ARIN	5	0	0	0	5	0	0
148	LACNIC	ARIN	5	0	0	0	5	0	0
152	LACNIC	ARIN	46	0	0	0	46	0	0
161	LACNIC	ARIN	10	0	0	0	10	0	0
167	LACNIC	ARIN	13	0	0	0	13	0	0
168	LACNIC	ARIN	14	2	0	0	12	0	0
170	LACNIC	ARIN	18	0	0	0	18	0	0

191	LACNIC	LACNIC	256	0	0	0	256	0	0
128	RIPENCC	ARIN	22	0	0	0	0	22	0
130	RIPENCC	ARIN	8	0	0	0	0	8	0
134	RIPENCC	ARIN	7	0	0	0	0	7	0
141	RIPENCC	RIPENCC	11	0	0	0	0	11	0
145	RIPENCC	RIPENCC	1	0	0	0	0	1	0
146	RIPENCC	ARIN	12	0	0	0	0	12	0
149	RIPENCC	ARIN	12	0	0	0	0	12	0
151	RIPENCC	RIPENCC	42	0	0	0	0	42	0
158	RIPENCC	ARIN	5	0	0	0	0	5	0
159	RIPENCC	ARIN	9	0	0	0	0	9	0
164	RIPENCC	ARIN	6	0	0	0	0	6	0
188	RIPENCC	RIPENCC	29	0	0	0	0	29	0
			1731.1	<b>391</b>	<b>391.1</b>	<b>392</b>	<b>392</b>	<b>165</b>	0
		Add back 226 /16s RIPE has already used up	1957.1					<b>391</b>	
		Target # /16s holes per RIR	391.41						
		Special Reservations Made::							
		168.211.0.0/16 to AfrinIC (From LACNIC's holes)							
		168.253.0.0/16 to AfrinIC (From LACNIC's holes)							
		136.169.0.0/16 to RIPE NCC (From ARIN's holes)							