

IANA Update

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IANA Update

- ⦿ Registry Update – RDAP Servers
- ⦿ IPv4 Recovered Pool Allocation
- ⦿ RDNS CA
- ⦿ 2015 IANA Customer Service Survey

Registry Update – RDAP Servers

IANA IPv4 Address Space Registry

Last Updated

2015-08-10

Registration Procedure(s)

Allocations to RIRs are made in line with the Global Policy published at [<http://www.icann.org/en/resources/policy/global-address>]
All other assignments require IETF Review.

Description

The allocation of Internet Protocol version 4 (IPv4) address space to various registries is listed here. Originally, all the IPv4 address spaces was managed directly by the IANA. Later parts of the address space were allocated to various other registries to manage for particular purposes or regional areas of the world. RFC 1466 [[RFC1466](#)] documents most of these allocations.

Reference

[[RFC7249](#)]

Available Formats



185/8	RIPE NCC	2011-02	whois.ripe.net	https://rdap.db.ripe.net/	ALLOCATED
186/8	LACNIC	2007-09	whois.lacnic.net	https://rdap.lacnic.net/rdap/	ALLOCATED
187/8	LACNIC	2007-09	whois.lacnic.net	https://rdap.lacnic.net/rdap/	ALLOCATED
188/8	Administered by RIPE NCC	1993-05	whois.ripe.net	https://rdap.db.ripe.net/	LEGACY
189/8	LACNIC	1995-06	whois.lacnic.net	https://rdap.lacnic.net/rdap/	ALLOCATED
190/8	LACNIC	1995-06	whois.lacnic.net	https://rdap.lacnic.net/rdap/	ALLOCATED
191/8	Administered by LACNIC	1993-05	whois.lacnic.net	https://rdap.lacnic.net/rdap/	LEGACY
192/8	Administered by ARIN	1993-05	whois.arin.net	https://rdap.arin.net/registry http://rdap.arin.net/registry	LEGACY
193/8	RIPE NCC	1993-05	whois.ripe.net	https://rdap.db.ripe.net/	ALLOCATED
194/8	RIPE NCC	1993-05	whois.ripe.net	https://rdap.db.ripe.net/	ALLOCATED
195/8	RIPE NCC	1993-05	whois.ripe.net	https://rdap.db.ripe.net/	ALLOCATED
196/8	Administered by AFRINIC	1993-05	whois.afrinic.net	https://rdap.afrinic.net/rdap/ http://rdap.afrinic.net/rdap/	LEGACY
197/8	AFRINIC	2008-10	whois.afrinic.net	https://rdap.afrinic.net/rdap/ http://rdap.afrinic.net/rdap/	ALLOCATED

IPv4 Recovered Pool Allocations

ALLOCATION FROM RECOVERED POLL

- ⦿ 1 September 2015: Each RIR received the **equivalent of a /14**
- ⦿ Next allocation will take place 1 March 2016
- ⦿ Registry:
<http://www.iana.org/assignments/ipv4-recovered-address-space>
- ⦿ Allocation tool:
<https://github.com/icann/ipv4-recovery-algorithm>
- ⦿ Global policy:
<https://www.icann.org/resources/pages/allocation-ipv4-post-exhaustion-2012-05-08-en>

IPv4 Recovered Pool Allocations

Allocations made from the Current Recovered IPv4 Pool

Registration Procedure(s)

Global Policy for Post Exhaustion IPv4 Allocation Mechanisms by the IANA (Ratified 6 May 2012)

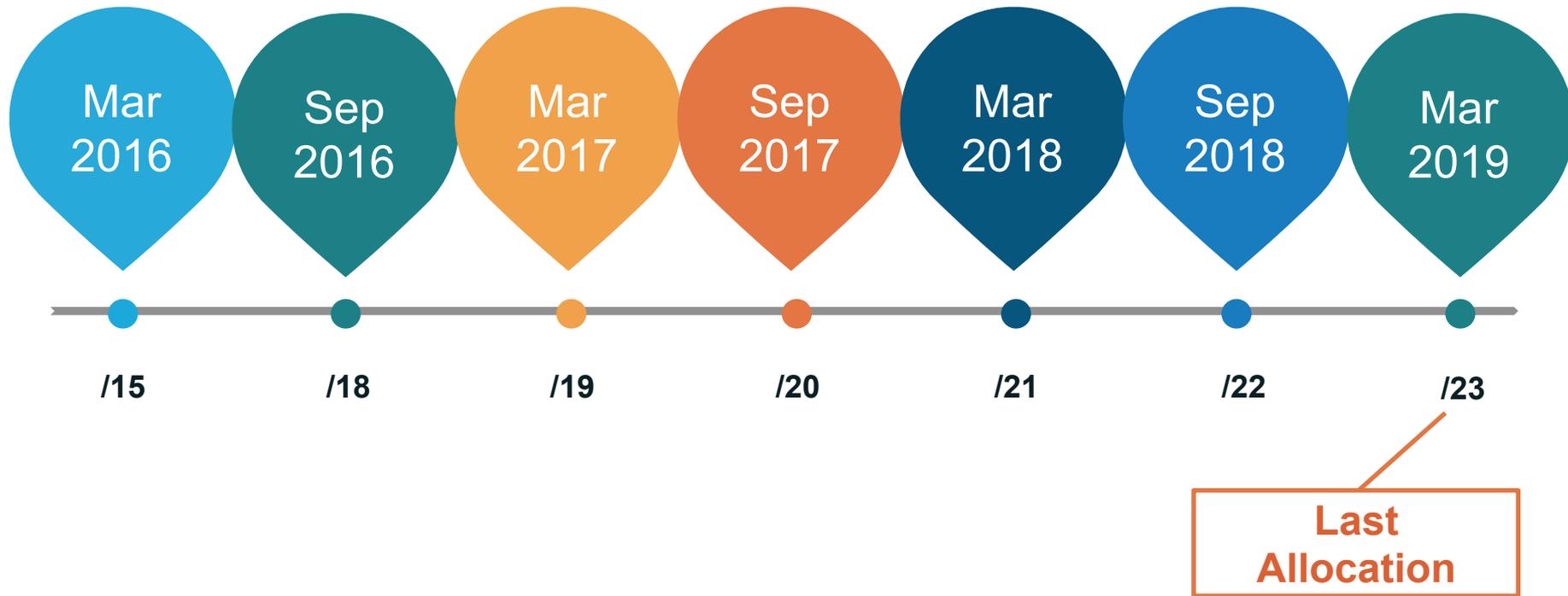
Available Formats



CSV

Start address	End address	Designation	Date	Whois	Status	Note
45.96.0.0	45.111.255.255	AFRINIC	2014-09	whois.afrinic.net	ALLOCATED	
45.192.0.0	45.222.255.255	AFRINIC	2014-05	whois.afrinic.net	ALLOCATED	
45.240.0.0	45.247.255.255	AFRINIC	2015-03	whois.afrinic.net	ALLOCATED	
139.26.0.0	139.26.255.255	AFRINIC	2015-09	whois.afrinic.net	ALLOCATED	
154.16.0.0	154.16.255.255	AFRINIC	2014-05	whois.afrinic.net	ALLOCATED	
161.123.0.0	161.123.255.255	AFRINIC	2015-09	whois.afrinic.net	ALLOCATED	
192.142.0.0	192.143.255.255	AFRINIC	2015-09	whois.afrinic.net	ALLOCATED	
43.224.0.0	43.231.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
43.236.0.0	43.243.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
43.245.0.0	43.252.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
43.254.0.0	43.255.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
45.64.0.0	45.65.15.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
45.112.0.0	45.127.255.255	APNIC	2014-09	whois.apnic.net	ALLOCATED	

IPv4 Recovered Pool Allocations



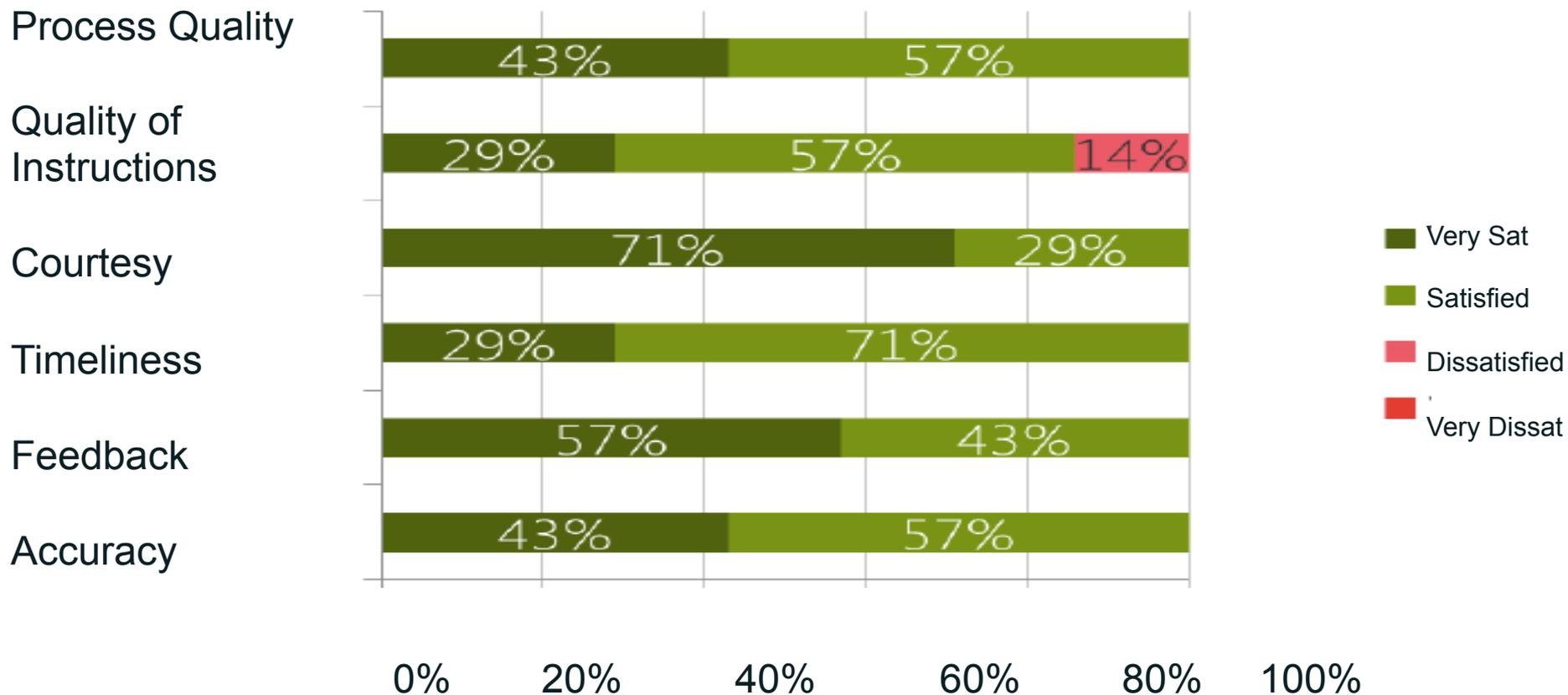
If we do not receive additional returned addresses, the last allocation from the recovered pool will take place in **March 2019**. After that, the recipient size would not be large enough to satisfy the global policy minimum.

Reverse DNS (rDNS) CERTIFICATE CHANGE

- ⦿ The ICANN RDNS CA expires on **13 March 2016**
- ⦿ Consulted with RIRs and received their agreement to the proposed schedule
- ⦿ RIRs submitted new CSRs to ICANN by early November
- ⦿ Rollover was scheduled and completed on **13 November 2015**

Annual Customer Service Survey

2015 IANA functions Customer Service Survey



Thank you!



Questions?

Reach us at:

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Website: iana.org

Thank you!