

ICANN  
Internet Assigned Numbers Authority  
Monthly Report  
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*For the Reporting Period of  
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## Executive Summary

This monthly report provides statistical information of IANA operations as they relate to the IETF. Also included are the deliverables for this reporting period in accordance with the SLA between ICANN and the IAOC with the effective date 1 January 2012.

## Statistics

As outlined in the IETF–IANA SLA, IANA is tasked with collecting and reporting on IETF-related statistics.

Below you will find the list of statistics as requested by the SLA, a description of what queue’s statistics are being provided to fulfill that deliverable and an analysis of the data for each queue. The actual charts representing the data can be found at <http://www.iana.org/reporting-and-stats/index.html>.

This month’s statistics were generated through running scripts against a ticketing system log database. The charts were generated using java program using Jfreechart library.

The following types of charts have been defined for each queue for the reporting year 2012:

- Month to month comparison histogram of requests created/closed/open
- Month to month comparison histogram of age groups of closed tickets
- This month’s absolute age of closed requests
- Month to month comparison histogram of age groups of open tickets
- This month’s absolute age and current state of open requests
- Month to month comparison of mean, median and standard deviation for processing times of closed tickets
- Histogram for cumulative IETF requests for created/closed/resolved at the end of the reporting period and the year to date.

## IESG approved documents (a)

*Requests in the “drafts-approval” queue begin at the time IANA receives a notification of an approval or intent to publish a document and end when the RFC-Editor has acknowledged receipt of the notification of completed actions by IANA.*

QUEUE: DRAFTS-APPROVAL	
Total closed tickets	24
Tickets with no IANA Actions	8
IANA processing goals met (14 days or less)	18/24 (75%)
Highest total processing days	42
Highest total IANA days	20
Total open tickets	13

Highest total processing days to date	195
Highest total IANA days to date	41

Tickets that required more IANA processing time than the SLA prescribes (14 IANA days or less) or that required more than 60 days of total processing time are described below.

<b>TICKET DETAIL</b>			
Status	Total Days	IANA Days	Description
CLOSED	36	15	IANA Analyst delay. One day late.
CLOSED	42	15	IANA Analyst delay. One day late.
CLOSED	18	17	IANA Analyst delay.
CLOSED	18	15	IANA Analyst delay. One day late.
CLOSED	30	20	IANA Analyst delay.
CLOSED	19	15	IANA Analyst delay. One day late.
OPEN	195	3	Another document must be approved before these actions can be completed. On hold.
OPEN	58	15	IANA Analyst delay.
OPEN	55	41	Port issue has required consultation with expert reviewers and ADs.
OPEN	16	16	IANA Analyst delay.

### Reference Updates (b)

*The requests in the “drafts-update-refs” queue begin at the time the RFC-Editor notifies IANA of the RFC number assigned to a document that had actions performed by IANA and ends with IANA updating all references to the document in IANA registries.*

<b>QUEUE: DRAFTS-UPDATE-REFS</b>	
Total closed tickets	15
IANA processing goals met (7 days or less)	15/15 (100%)
Highest total processing days	10
Highest total IANA days	4
Total open tickets	0
Highest total processing days to date	n/a
Highest total IANA days to date	n/a

Tickets that required more IANA processing time than the SLA prescribes (7 IANA days or less) or that required more than 60 days of total processing time are described below.

<b>TICKET DETAIL</b>			
Status	Total Days	IANA Days	Description

n/a	n/a	n/a	n/a
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### Last Calls (c)

*Requests begin at the time IANA receives a notification of Last Call from the IESG and ends with IANA submitting official comments to the IESG. Each request in the statistics represents a separate/individual Last Call, even if the Last Call is being repeated.*

QUEUE: DRAFTS-LASTCALL	
Total closed tickets	35
IANA processing goals met (see breakdown)	26/35 (74%)
Total open tickets	9

Last Call Time Frame	Total Requests	Completed within time goals
2 weeks	29	20
4 weeks	6	6

Tickets that required more IANA processing time than the SLA prescribes or that required more than 60 days of total processing time are described below.

TICKET DETAIL			
Status	Total Days	IANA Days	Description
CLOSED	24	24	IANA Analyst delay.
CLOSED	19	19	IANA Analyst delay.
CLOSED	27	27	IANA Analyst delay.
CLOSED	19	19	IANA Analyst delay.
CLOSED	19	19	IANA Analyst delay.
CLOSED	19	19	IANA Analyst delay.
CLOSED	24	24	IANA Analyst delay.
CLOSED	16	16	IANA Analyst delay.
CLOSED	21	21	IANA Analyst delay.

### Evaluations (d)

*Requests begin at the time IANA receives a notification of Evaluation from the IESG and ends with IANA submitting official comments to the IESG. Each request in the statistics represents a separate/individual Evaluation, even if the Evaluation is being repeated.*

QUEUE: DRAFTS-EVALUATION	
Total closed tickets	33
IANA processing goals met (before the telechat)	31/33 (94%)
Total open tickets	2

Tickets that required more IANA processing time than the SLA prescribes or that required more than 60 days of total processing time are described below.

TICKET DETAIL			
Status	Total Days	IANA Days	Description
CLOSED	39	39	No Last Call for this IRTF document requesting registrations.
CLOSED	26	26	No Last Call for this IRTF document requesting registrations.

### Media (MIME) type requests (e, f)

*IANA receives requests for registration of new Media types. Also received, but rarely, are modification and deletion requests for Media types. All of these are processed in the “iana-mime” queue. These requests begin with the receipt of an application for (or modification/deletion of a Media type and end with the request being resolved with a successful registration, removal or modification. In some cases the requests are closed due to withdrawal of the request by the requester or via administrative closure, typically due to lack of response from the requester. We understand that MIME Media types are currently referred to as just “Media Types.” The queue “iana-mime,” however, was named prior to this change.*

QUEUE: IANA-MIME	
Total closed tickets	5
IANA processing goals met (14 days or less)	3/5 (60%)
Highest total processing days	37
Highest total IANA days	15
Average Expert days	44
Total open tickets	3
Highest total processing days to date	107
Highest total IANA days to date	32

Tickets that required more IANA processing time than the SLA prescribes or that required more than 60 days of total processing time are described below.

TICKET DETAIL			
Status	Total Days	IANA Days	Description
CLOSED	122	12	Expert delays.
CLOSED	75	35	IANA Analyst delay.
OPEN	86	6	Requester delay.

OPEN	54	18	IANA Analyst delay.
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### New Port number requests (g)

*IANA receives requests for assignment of new user port numbers. These requests are processed in the “iana-ports” queue. Port requests begin with the receipt of an application for a user port number and end with the request being resolved with a successful registration, withdrawn by the requester, or administratively closed.*

QUEUE: IANA-PORTS	
Total closed tickets	19
IANA processing goals met (14 days or less)	19/19 (100%)
Highest total processing days	211
Highest total IANA days	9
Average total days	56
Average Expert days	31
Total open tickets	31
Highest total processing days to date	514
Highest total IANA days to date	4

Tickets that required more IANA processing time than the SLA prescribes or that required more than 60 days of total processing time are described below.

TICKET DETAIL			
Status	Total Days	IANA Days	Description
CLOSED	211	3	Expert delays.
CLOSED	95	9	Expert delays.
CLOSED	80	2	Multiple communications between expert and requester. Requester delays.
CLOSED	80	2	Multiple communications between expert and requester. Requester delays.
CLOSED	79	2	Multiple communications between expert and requester. Expert delays.
CLOSED	79	8	Expert and requester delays.
CLOSED	70	2	Requester delays.
CLOSED	70	1	Expert and requester delays.
CLOSED	64	4	Expert delay.
OPEN	514	1	Expert delays.
OPEN	373	1	Expert delays.
OPEN	235	1	Expert delays.
OPEN	142	1	Expert delays.
OPEN	107	1	Multiple communications between expert

			and requester. Expert delays.
OPEN	107	1	Multiple communications between expert and requester. Expert delays.
OPEN	101	1	Expert delays.

### Modification to and/or deletions of Port number requests (h)

*IANA receives requests for modification of existing port numbers. Also received, but are rare, are deletion requests. Both of these are processed in the “port-modifications” queue. These requests begin with the receipt of a modification (or deletion) request and end with the request being resolved with a successful modification (or removal) or closed due to withdrawal or administrative closure.*

<b>QUEUE: PORT-MODIFICATION</b>	
Total closed tickets	2
IANA processing goals met (7 days or less)	2/2 (100%)
Highest total processing days	8
Highest total IANA days	6
Total open tickets	10
Highest total processing days to date	23
Highest total IANA days to date	3

Tickets that required more IANA processing time than the SLA prescribes or that required more than 60 days of total processing time are described below.

<b>TICKET DETAIL</b>			
Status	Total Days	IANA Days	Description
n/a	n/a	n/a	n/a

### New Private Enterprise Number (PEN) requests (i)

*All PEN (Private Enterprise Numbers) type requests are processed in an automated program that does not go through IANA’s ticketing system. The tool includes new, modification and deletion requests. The tool does not yet produce statistics similar to what is available for the other protocol parameter queues.*

<b>QUEUE: PEN</b>	
Total PENs assigned	151

## Modification to and/or deletions of PEN requests (j)

QUEUE: PEN-MODIFICATION	
Total PENs modified	16
Total PENs deleted	1

## New IANA TRIP ITAD Numbers (k)

*IANA receives requests for assignment of new TRIP ITAD numbers. These requests are processed in the “iana-trip” queue. Requests begin with the receipt of an application for a TRIP ITAD number and end with the request being resolved with a successful registration, withdrawn by the requester, or administratively closed.*

QUEUE: IANA-TRIP	
Total closed tickets	12
IANA processing goals met (7 days or less)	10/12 (83%)
Highest total processing days	33
Highest total IANA days	13
Total open tickets	1
Highest total processing days to date	27
Highest total IANA days to date	1

Tickets that required more IANA processing time than the SLA prescribes or that required more than 60 days of total processing time are described below.

TICKET DETAIL			
Status	Total Days	IANA Days	Description
CLOSED	13	13	IANA Analyst delay.
CLOSED	8	8	IANA Analyst delay.

## Requests relating to other IETF-created registries for which the request rate is more than five per month (l)

*For those registries where there are more than 5 requests per month, IANA creates a separate queue for tracking those tickets.*

QUEUE: MULTICAST	
Total closed tickets	6
IANA processing goals met (14 days or less)	6/6 (100%)
Highest total processing days	36



Highest total IANA days	4
Average Expert days	13
Total open tickets	0
Highest total processing days to date	n/a
Highest total IANA days to date	0

Tickets that required more IANA processing time than the SLA prescribes or that required more than 60 days of total processing time are described below.

<b>TICKET DETAIL</b>			
Status	Total Days	IANA Days	Description
n/a	n/a	n/a	n/a

*Note: The IANA-PROT-PARAM queue is for all the miscellaneous requests that are not processed in a separate queue due to the lack of volume for any one type of request. These requests can be first-come first-served, expert review, IESG approval or another review method. In the SLA, processing goals are determined on the type of request. However, for this queue there is no separation of request type.*

<b>QUEUE: IANA-PROT-PARAM</b>	
Total closed tickets	11
IANA processing goals met (see breakdown below)	8/11 (72%)
Highest total processing days	143
Highest total IANA days	22
FCFS Completed within goal time (7 IANA days or less)	4/5
Expert Review/Specification Required within goal time (14 IANA days or less)	4/5
Early Allocation completed within goal time (14 IANA days or less)	n/a
IESG Approval completed within goal time (14 IANA days or less)	1/1
Admin closed/Withdrawn	n/a
Total open tickets	17
Highest total processing days to date	237
Highest total IANA days to date	37

Tickets that required more IANA processing time than the SLA prescribes or that required more than 60 days of total processing time are described below.

TICKET DETAIL			
Status	Total Days	IANA Days	Description
CLOSED	143	22	Expert delay. IANA Analyst delay.
CLOSED	87	8	Expert delay.
CLOSED	17	16	IANA Analyst delay.
CLOSED	11	9	IANA Analyst delay.
OPEN	237	37	This is an IESG Approval request. Requester delay in providing working pointer to documentation.
OPEN	101	8	Requester delay.
OPEN	73	1	Expert delay.

## Deliverables

In accordance with the SLA, the IANA is reporting on the following deliverables due within six (6) months of implementation of the agreement for the reporting year 2012:

- 1) Provide publicly accessible, clear and accurate periodic statistics (continual)
- 2) Track and publicly report on a monthly basis (monthly report - continual)
- 3) Single points of failure documentation to IETF-IANA Working Group (continual)

### ***Provide publicly accessible, clear and accurate periodic statistics***

See “Statistics” section of this report and also <http://www.iana.org/reporting-and-stats/index.html>.

### ***Track and publicly report on a monthly basis (monthly report)***

The SLA describes 3 items IANA will provide monthly reports for. These items are outlined below along with a description of actions taken for each.

- a. Resource allocation statistics as described in SLA item 2 of the Reports section

In item 2 in the Reports section of the SLA, there is a detailed list of statistics to be produced for the monthly report. The agreed upon partial statistics are found in the “Statistics” section of this report.

- b. The utilization of all identified finite resources defined within IANA registries

The IANA is undertaking a project to review all registries to identify those that are finite and additionally those that are in danger of being exhausted. As of the end of this

reporting period, no registries have been identified as being in danger of exhaustion. IANA will continue to report findings as needed.

- c. Efforts that have addressed single points of failure/expertise (see item 3 in Services section of the SLA)

## Conclusions

In June 2012, IANA cumulatively met 85% of the goal processing times over all requests. In some of the closed tickets, delays from previous reporting periods contributed to missed goal times. More recent tickets have shown improved response times, which should result in achieving the SLA goal times.

Tickets closed	Tickets closed on time
138	162