

Internet Assigned Numbers Authority  
Monthly Report  
November 14, 2008

*For the Reporting period of  
October 1, 2008 – October 31, 2008*

Prepared By:	Michelle Cotton <a href="mailto:michelle.cotton@icann.org">michelle.cotton@icann.org</a>
Date:	14-November-08

## Table of Contents

Table of Contents .....	1
Executive Summary .....	2
Statistics.....	2
IESG approved documents (a) .....	2
Reference Updates (b) .....	3
Last Calls (c) .....	3
Evaluations (d) .....	4
Media (MIME) type requests (e, f) .....	4
New Port number requests (g).....	4
Modification to and/or deletions of Port number requests (h) .....	5
New Private Enterprise Number (PEN) requests (i) .....	5
Modification to and/or deletions of PEN requests (j).....	5
New IANA TRIP ITAD Numbers (k).....	5
Requests relating to other IETF-created registries for which the request rate is more than five per month (l).....	6
Deliverables.....	7
Provide publicly accessible, clear and accurate periodic statistics.....	7
Track and publicly report on a monthly basis (monthly report).....	7
Single points of failure documentation to IETF-IANA Working Group (continual).....	7
Conclusions .....	8

## 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 2008.

## 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 2008:

- 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*

### DRAFTS-APPROVAL QUEUE

IANA completed a total of 21 requests for the month of October (11 of which were NO IC). 95% of the total requests (including documents with NO IC) were completed within the goal of 14 IANA days or less. One request had 15 total IANA days. This request needed some extra time to complete the actions. There was 1 request that had unusually high total processing time of 205 days. This was due to being with the authors for the

majority of the request. The responsible Area Director assisted with getting the author to provide IANA with feedback on the changes to the IANA actions.

As of the last day of October, there were 8 requests open. Two requests remain on hold and are waiting for other documents before the actions can be performed. One request has a total of 16 IANA days so far, however this was due to an error in the state change as the request needed an expert review after approval. The remaining 5 requests were being processed as normal and are waiting on the authors or the actions were in progress with IANA.

### **Reference Updates (b)**

*The requests in the “drafts-update-refs” queue begins 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.*

#### **DRAFTS-UPDATE-REFS QUEUE**

IANA completed a total of 25 requests for the month of October. 100% of the requests were completed within the 7 IANA day goal range. The highest total processing days for these requests was 4 days. As of the end of the month, there were no requests open.

### **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.*

#### **DRAFTS-LASTCALL QUEUE**

A total of 30 requests were completed for the month of October. 97% of the requests were completed within their time goals (breakdown below). For the 1 request that was not completed within the processing goals (at 15 days) it was completed the due date for the Last Call response.

<b>Last Call Time Frame</b>	<b>Total Requests</b>	<b>Completed on time</b>
1 week	2	2
2 weeks	23	22
4 weeks	5	5

As of the end of the month there were 19 open requests. All open requests were still within the goal times and were following normal processing.

## **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.*

### DRAFTS-EVALUATION QUEUE

A total of 24 requests were completed in the month of October. 92% of the requests had IANA days of 7 or less. The IANA days do not include the time that the document is waiting for Last Call to finish. There were 2 requests that had IANA days of 8 or more. As of the last day of the month there were 11 open requests. All were within normal processing times.

## **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.*

### IANA-MIME QUEUE

A total of 3 requests were closed in the month of October. All of the closed requests were completed with an IANA time as outlined in the processing goals of 14 days or less. One request had total processing time was over 30 days. The majority of the total time for those requests was with the requester.

At the end of the month, there were a total of 17 open requests. Thirteen of the 17 requests were waiting on the requester to respond with feedback. The other 4 requests were with the expert for review. The maximum number of days any of these requests had been in IANA time as of the end of the month was 6 days.

## **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.*

## IANA-PORTS QUEUE

There were a total of 21 requests closed in the month of October. 100% of those requests were processed with an IANA time within the 14-day goal. There was 1 request with a total processing time of 169 days. This request was with an unresponsive expert and was transferred to the lead expert and reviewed.

As of the end of the month there were 22 requests that were open. All of these requests had IANA days of 3 or less and most were waiting on the expert or requester.

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

## PORT-MODIFICATION QUEUE

*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.*

During this reporting period, there were a total of 5 closed requests. 80% of these requests were completed within the goal processing time of 7 IANA days or less. The total days for all these requests was not more than 11 days.

At the end of October, there was 1 request open at the end of the month. This request has been open for more 7 days and is waiting for a response from the requester.

### **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. Raw data shows that 203 new PENs were assigned in October 2008.

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

Modifications and/or deletions of PENs occur in a separate tool in which the statistics production is not yet available. More information can be found above in the "New Private Enterprise Number (PEN) requests" section. Raw data shows that 29 existing PENs were modified in October 2008.

### **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.*

## IANA-TRIP QUEUE

There were a total of 12 IANA-TRIP requests closed in the month of October. 100% of the closed requests had an IANA time of 7 days or less. The largest total processing time was 10 days. There were no requests open at the end of the month.

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

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

## IANA-MULTICAST QUEUE

There were 0 multicast request closed during the month of October and no requests open at the end of the month.

## IANA-PROT-PARAM QUEUE

*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.*

There were 17 requests closed during the month of October. 100% of the requests were processed within the appropriate IANA time goals (see breakdown below). Two requests were administratively closed due to waiting on internet-drafts to be approved to make the registrations. One request had total a processing time of 127 days. Most of the time was spent with the Area Director who was serving as the expert for the specification required with review.

Request Type	Number of Requests	IANA goal time	Requests completed within goal
Expert Review	11	14 days or less	11
Specification Required with Expert Review	1	14 days or less	1
First Come First Serve	2	7 days or less	2
IESG Review	1	n/a	1

There were 10 requests open as of the end of the month. Two requests have been open a significantly long time. Most all of these requests are with the expert under review. For

those tickets where the parameter requested is not clear, IANA is working towards trying to resolve the issues with the appropriate parties as soon as possible.

## **Deliverables**

In accordance with the SLA, the IANA is reporting on the following deliverables due within ten (10) months of implementation of the agreement for the reporting year 2008:

- 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. These items are outlined below along with a description of actions taken for each.

- a. Resource allocation statistics as described in SLA item 18

In item 18 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 ICANN/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 in future monthly reports.

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

### ***Single points of failure documentation to IETF-IANA Working Group (continual)***

In conjunction with the monthly report, the IANA submits a separate document to the IETF-IANA Group documenting what steps have taken place to examine all known single-points of failure related to the IETF work. For those known single-points of failure, IANA will describe what actions were taken to correct where the point existed or

what plan has been put in place for future resolution. During this reporting period, no single-point of failure was identified.

## **Conclusions**

In looking at all the IETF related queues, IANA has met all processing goals for this reporting period.