Protocol Parameter Area Overview

Michelle Cotton
Manager, IETF Relations - IANA
ICANN
August 2010

Presented to the Board IANA Committee
Overview

• What do we do?
• Who do we do the work for?
• How do we do it?
• Customer Satisfaction
• Trends
• Risks
• Projects
• Most Active Registries
• Links to Registries and Reporting Information
What do we do?

- Maintain registries
- Create New registries
- Document review
- Collaboration with IETF
  - writing/updating RFCs
  - participation at the IETF meeting
Who do we do the work for?

- Internet Community (IETF-IANA SLA)
  - IESG
  - Working Groups
  - Authors of Internet-Drafts
  - Internet users
  (The protocol parameter registries are mirrored on the IETF web site)
- Joint oversight by DoC and IAB regarding the operator of the protocol parameters registries
How do we do it?

• What resources do we use?
  - 3 FTE
  - Consultants

• How does the work get done?
  - Ticketing system (RT)
  - Subversion
  - Follow instructions on how to process requests as defined in RFCs
  - Participation in teleconferences
Customer Satisfaction

How do we know our customers are happy?

• Unstructured Feedback
  • Thank you emails after request processing
  • Feedback at the IETF meetings
  • Silence

• Structured Feedback
  • Currently no mechanism in place
  • We are considering how to gather more structured feedback and customer satisfaction as part of the BE activity
Trends

• **Is our work increasing?**
  - It appears fairly steady over the last 3 year period
  - 2009 was slightly lighter compared to the previous 2 years
  - These statistics are on a per request basis (does not account for single requests requesting large actions)
  - As the use of one registry decreases a new registry is created

• **Future analysis of trends and workload**
  - Use of the XML’ization of registries for new reporting
How many requests do we receive?
Risk Situations

Low Probability Risks

- The IETF (through the I-D/RFC process) requests IANA to take on actions that will impact resources, response times and/or how we do our work
- A community member disagrees with a decision made on a parameter request
- Delays in processing due to legal requirements preventing a registration from being processed in a timely fashion.
Projects

• XML’ization of registries
  • 63% complete
  • Continue working on how to convert more complicated registry formats and structures and “fixing” registries before conversion
  • Announced to IETF Community that legacy txt files of registries converted between January 1, 2010 and June 31, 2010 are no longer published

• Reviewing the process of Expert Review during the I-D process

• Contact Information Format changes
Most Active Registries

- Private Enterprise Numbers (Avg. 190 per month)
- TRIP ITAD Numbers (Avg. 18 per month)
- Port Numbers (Avg. 18 per month)
- Language Subtags (Avg. 14 per month)

(statistics gathered from January-June 2010)
Where to find the registries

For a list of maintained IANA registries:
http://www.iana.org/protocols/

For the queue of approved documents awaiting IANA actions:
http://www.iana.org/about/performance/ietf-draft-status/
Reporting

Monthly IETF SLA reports:
http://www.iana.org/about/performance/ietf-statistics/

IETF Plenary reports:
http://iaoc.ietf.org/plenary_reports.html

IANA Activity reports at the IETF:
http://www.ietf.org/meeting/proceedings.html
(included in the IETF chair plenary report)
Any Questions?

- If you have any questions regarding this presentation, please send email to the following:
  iana@iana.org