



IANA Procedures for the Port Number Registry

draft-ietf-tsvwg-iana-ports
IETF 80

**M. Cotton (ICANN), L. Eggert (Nokia),
J. Touch (USC/ISI), M. Westerlund
(Ericsson), S. Cheshire (Apple)**



USC Viterbi
School of Engineering

Quick review

- Update registration procedures
- Unify registries
- “Updates” RFCs for above
- What this doc is not:
 - Guidance to registrants/app designers
 - Specification of port/name spaces

Changes

- 08->09 from WG LC
 - Word change registration -> assignment
 - Wordsmithing clarity pass
- 09->10 from IETF LC
 - Tom Petch reordering 8.1.1 (now 8.1.2)
 - TSVDIR review by Wes Eddy
 - AD review by Alexey Melnikov
 - (overdue) DCCP correction from March 2010 by Gorrry Fairhurst as updating RFC 5595

IESG Review changes

- Remove port-use reference
- Clarify impact of squatting
- Recognize current non-consensus on second insecure port
- Status - ready for publication
 - No new ID will be issued
 - Tools tracker shows final pending changes

RFC Editor note

- Add to the end of Introduction a new paragraph:
At the time of writing of this document the internal procedures of Expert Review teams, including that of IANA's port review team, are not documented in any RFC and this document doesn't change that.
- In Section 7.2, 1st paragraph, last sentence:
OLD: *These principles and general advice to users on port use are expected to change over time and are therefore documented separately, please see [I-D.touch-tsvwg-port-use].*
NEW: *These principles and general advice to users on port use are expected to change over time.*
- In Section 7.2, 5th paragraph:
OLD: *o IANA strives to assign only one assigned port number per service or application*
NEW: *o IANA strives to assign only one assigned port number per service or application*
Note: At the time of writing of this document there is no IETF consensus on when it is appropriate to use a second port for an insecure version of a protocol.
- In Section 7.2, 13th paragraphs:
OLD: *These principles of port conservation are explained further in [I-D.touch-tsvwg-port-use]. That document explains in further detail how ports are used in various ways, notably:*
NEW: Ports are used in various ways, notably:
- In Section 8.1.1, 13th paragraph, last sentence:
OLD: *Note that the applicant **MUST NOT** use the requested port prior to the completion of the assignment.*
NEW: *Note that the applicant **MUST NOT** use the requested port in implementations deployed for use on the public Internet prior to the completion of the assignment, because there is no guaranty that IANA will assign the requested port.*
- Please make the following reference Normative:
[RFC4960] Stewart, R., "Stream Control Transmission Protocol", RFC 4960, September 2007.
- Please delete the following Informative reference: [I-D.touch-tsvwg-port-use]