Recomendations for Transport Port Uses

draft-ietf-tsvwg-port-use-03
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As presented by Gorry Fairhurst
Purpose

• **BCP advice to protocol designers**
  – Encourage port conservation
  – Encourage use of existing services
  – Discourage ‘reinventing the wheel’
  – Clarify how to describe a service in an application and/or ID

• **NOT**
  – Direction to the IESG or Expert Review team
Changes since -02 (Berlin)

Based on feedback provided so far:

• Sec 5 – “What is a Port”
  – Added discussion of how midbox devices examine ports
• Sec 7 – “How to Use Assigned Ports”
  – Added ref to RFC 6335 - IANA Port Assignment
• Sec 7.1 – “Do you need a port?”
  – Added another test: Is the service independently useful? (based on Port Experts Team experience)
  – Clarified security issue for new assignments
  – Added a test about versioning (based on Port Experts Team experience)
• Sec 7.6 – “Transport Protocols”
  – Clarified that broadcast is relevant for only IPv4
Next steps

• Seeking additional reviewers
• WGLC
• …