Trends Affecting IETF Operations

Report for the ISOC Board
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Why Talk about This?

• Understand and prepare for changes, rather than react to them when they happen

• Open source, participation models, cultural, financial, …

• Some of this may be obvious, at least to some people some of the time :-)

• But writing it down may be helpful
  • Making decisions (IESG re-organisation), confronted with new questions (Hack Zurich), when preparing new arrangements (Endowment), understanding (how new collaboration tech changes the role of IETF meetings)
Approach

• Initially started as mostly finance/funding focused IAOC question

• The boards (IESG, IAOC, IAB) discussed this at IETF-93 and considered writing a document or even a plan

• But we decided to run a design team to make an I-D, drawn partially from the community:
  Avri Doria, Steve Olshansky, Tobias Gondrom, Olaf Kolkman, Alia Atlas, Russ White, Benson Schliesser, Robert Sparks, Jari Arkko
Some Notable Trends

• Open source, rule of code, “post-standardisation”

• Software-defined or data-driven architectures, data-driven models, permissionless innovation

• Consolidation in the industry

• Evolving forms of co-operation (over-the-net meetings, collaboration tools, etc)

• Changing set of people who affect core Internet technology
Next Steps

• Design team progressing, will produce -00 later this year

• Followed by community discussion, either on the trends themselves or IETF approach to them

• Would be very happy to get feedback from you at the board as well