IETF update

MENOG1 - Bahrain

2007-04-04

IETF organisation

- Work is done in +100 working-grops
- Workinggroups are split in 7 Areas
  - Each area is lead by 1-2 Area Directors
  - The Area Directors are members of the Internet Engineering Steering Group (IESG)
  - In addition there is the Internet Architecture Board (IAB) and the IETF Administrative Support Activity (IASA)

IETF organisation

- In addition to areas and WGs the IETF also have

  - *DIRECTORATES*: Used to give advice and support to the area directors on specific topics or the area in general

  - *DESIGN TEAMS*: Group of people that have been given a specific task by the WG chairs, like producing a technical proposal
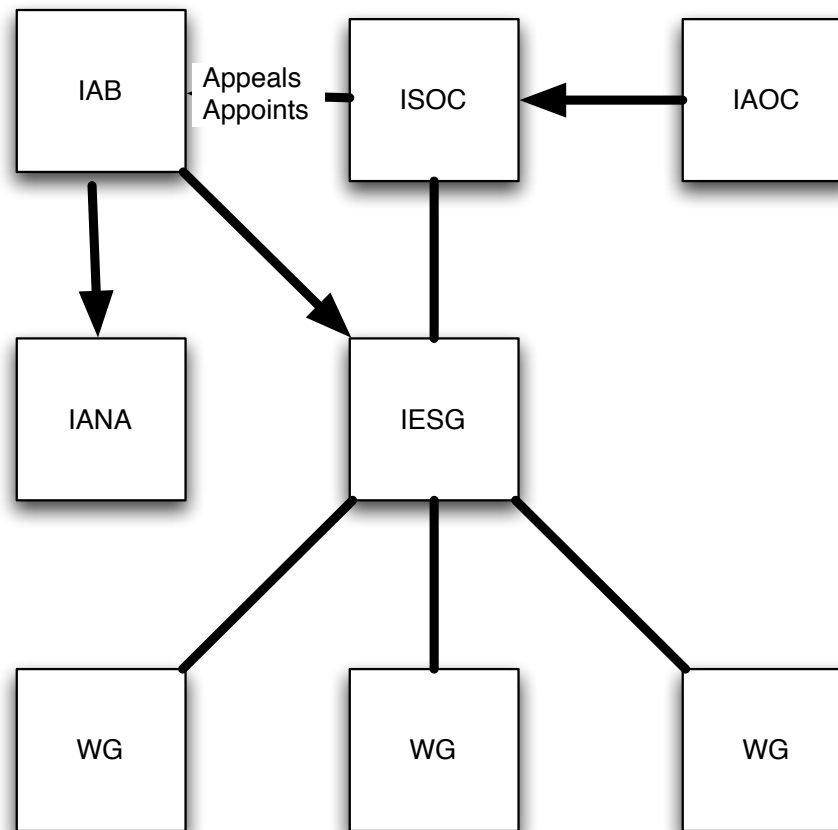
IETF standards process

- The process is defined in RFC2026
- IETF standards (Request For Comments, RFCs) can be of several types:
  - ***Best Common Practice***: BCP documents have their own numbering and describes some form of "practice", but not a protocol spec
  - ***Informational***: Does not describe a protocol standard or a practice, but rather processes or other SDOs specs

2007-04-04

IETF Standards Process

- ***Proposed Standard***: Entry point for standards documents. Specification is stable. No operational or implementation experience needed
- ***Draft Standard***: Two independent and interoperable implementations that are not derived from each other needed.
- ***Standard***: Operational and implementation experience is gained and specification is relied upon. Also given an STDXXXX number
- ***Experimental***: Research or development effort.

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Areas

- Applications Area

- Real-time Applications and Infrastructure Area

- General Area

- Internet Area

- Operations and Management

- Routing Area

- Security Area

- Transport Area

IAB

Appeals
Appoints

ISOC

IAOC

IANA

IESG

WG

WG

WG

2007-04-04

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Prague summary

- ROAP

  - Current BGP does not really scale anymore

  - ...and this was never addressed or made easier with IPv6....

- TICTOC BOF

  - Time and Frequency over IP

- Multi-linguism (EAI/IDN)

Prague summary

- SAVA BOF

  - Source address validation framework

- ENUM

- GROW

- OPSEC

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2005-05-05

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