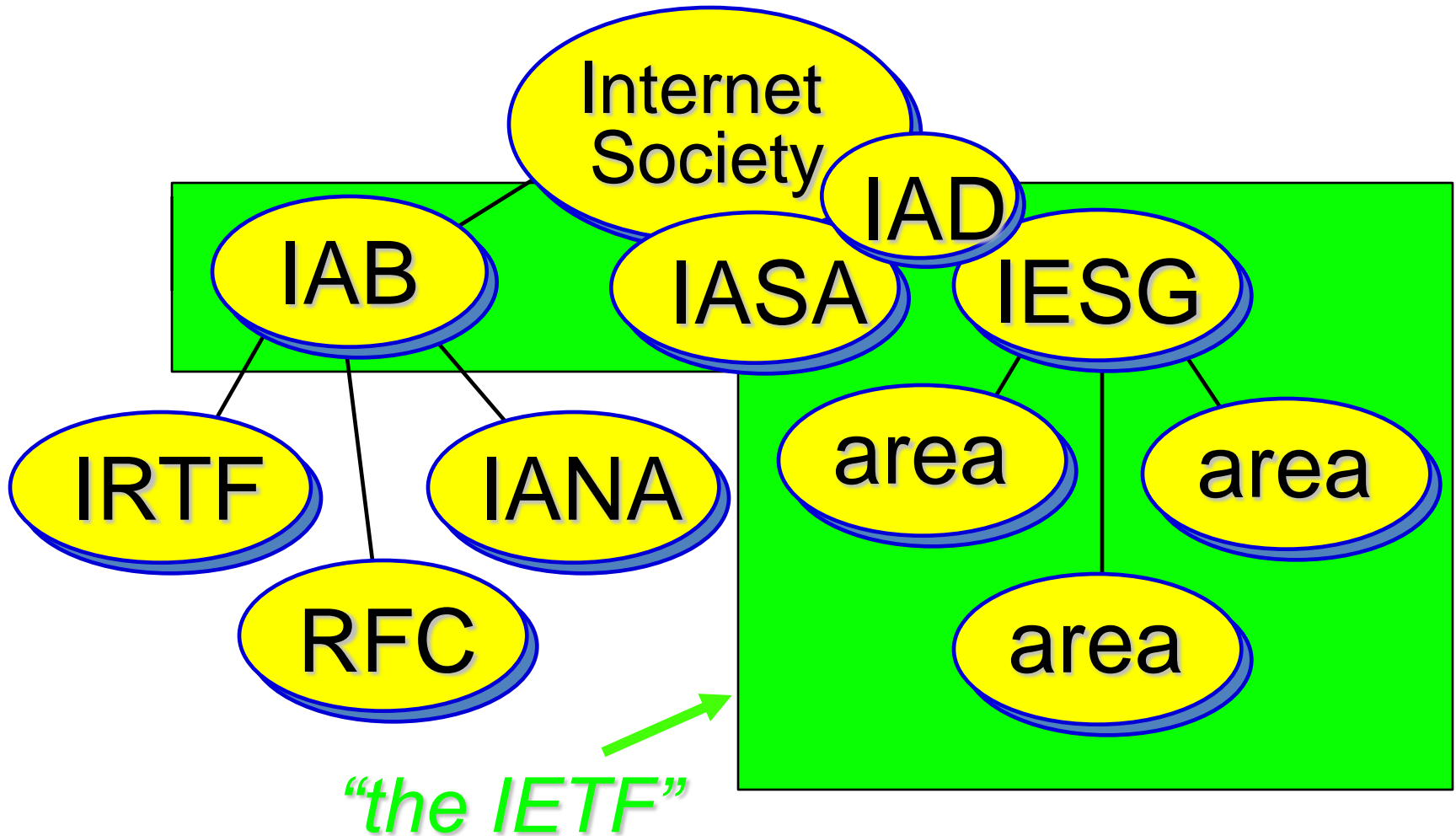# CJK Collaboration in IETF

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Introduction to IETF

- Internet Engineering Task Force formed in 1986
  - Evolved out of ARPA's Internet Configuration Control Board (ICCB) (1979) and Internet Activities Board (1983)
  - most Internet related standards were developed or are maintained by the IETF
- IETF Goal
  - Make the Internet work better
- IETF Scope
  - Protocol specifications document developments
- IETF Core Values
  - Pragmatic Engineering
  - Cooperation
  - Best Technology
  - Maximize user value from the network
  - Include experimental and evolutionary network
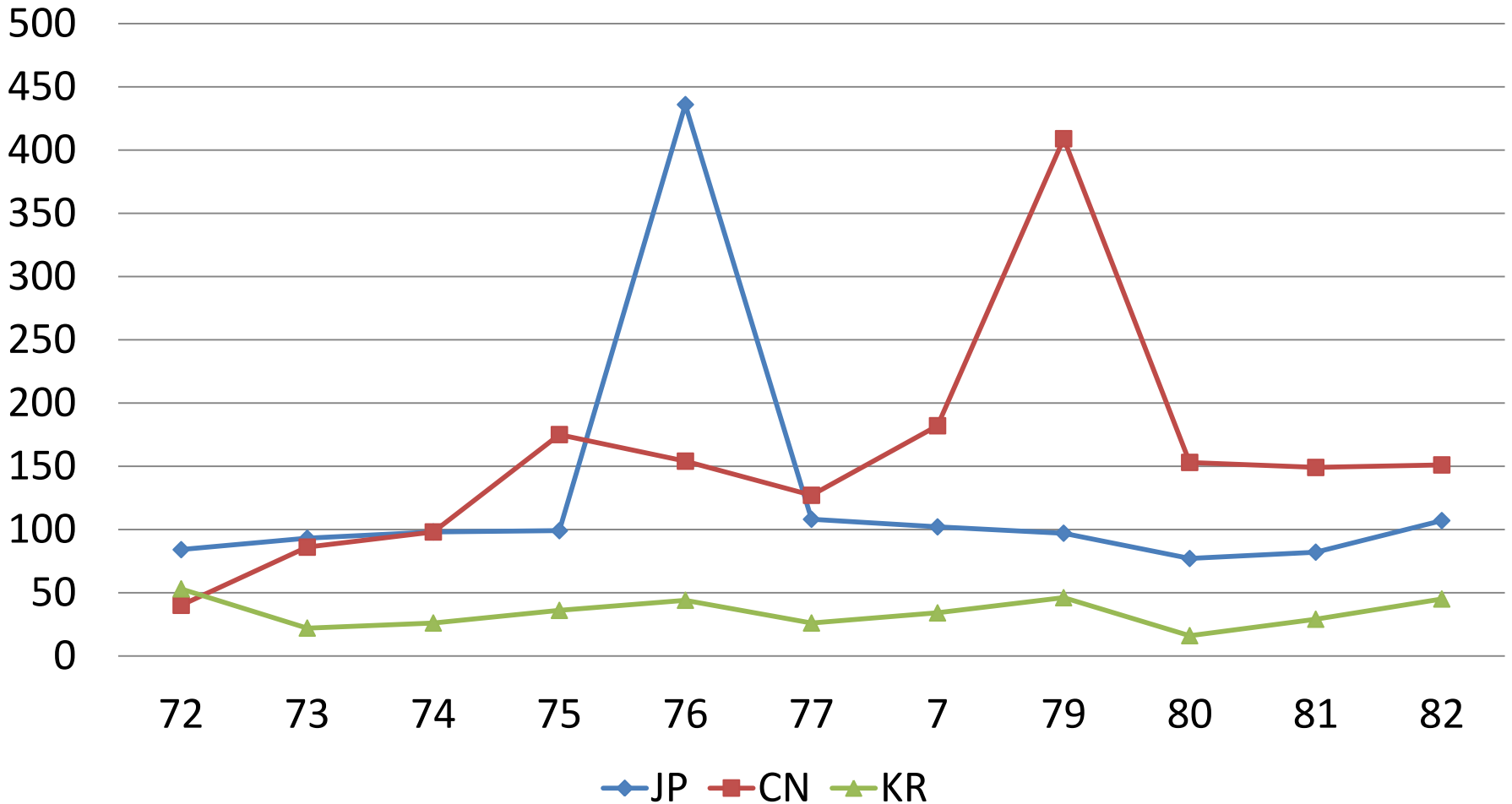
Level View of Organization

IETF Areas

- General Area (gen) (1 WG)
- Applications (app) (10 WGs)
- Internet (int) (28 WGs)
- Operations & Management (ops) (18 WGs)
- Real-time Applications and Infrastructure (rai) (17 WGs)
- Routing (rtg) (16 WGs)
- Security (sec) (16 WGs)
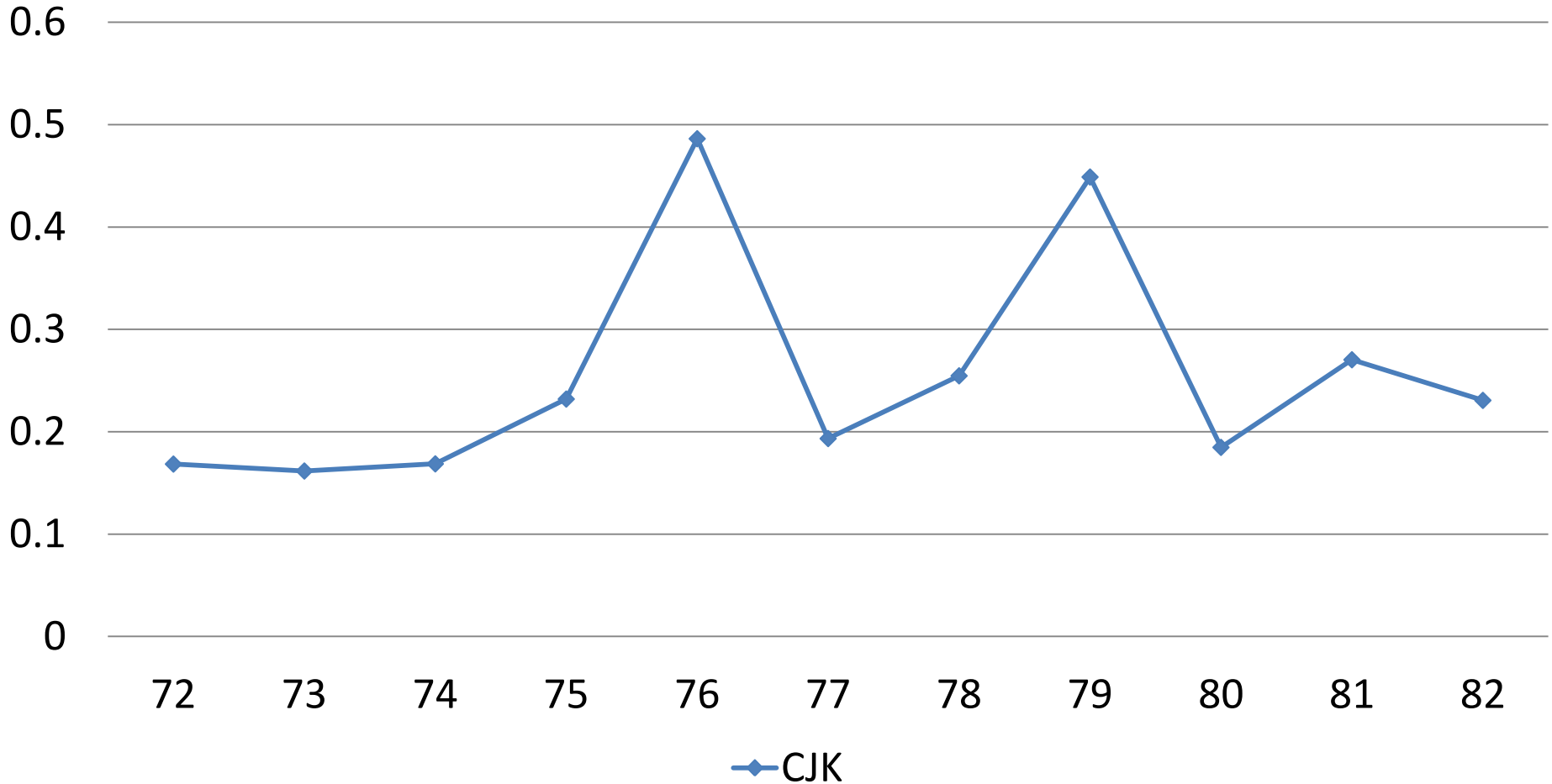- Transport Services (tsv) (12 WGs)

Number of CJK Attendees

Number of Attendees

Percentage of CJK Attendees

Percentage of Attendees (x 100%)

CJK

Publication Statistic

- Active Drafts
  - 442 drafts (21.76%) have authors from China
  - 141 drafts (6.94%) have authors from Japan
  - 23 drafts (1.13%) have authors from Korea
  - 606 drafts (29.83%) have authors from CJK

- Recent RFCs (since 2005)
  - 29 RFCs (2.50%) have authors from China
  - 76 RFCs (6.54%) have authors from Japan
  - 15 RFCs (1.29%) have authors from Korea
  - 120 RFCs (10.33%) have authors from CJK

Publication Statistic (cont.)

- All RFCs
  - 58 RFCs (0.94%) have authors from China
  - 224 RFCs (3.61%) have authors from Japan
  - 42 RFCs (0.68%) have authors from Korea
  - 324 RFCs (5.23%) have authors from CJK

IETF/IRTF Awards

- Postel Service Award
  - 2005 - Professor Jun Murai
  - 2010 - Professor Jianping Wu
  - 2011 - Professor Kilnam Chon
- Itojun Service Award
  - Named after Dr. Jun-ichiro "Itojun" Hagino, who passed away in 2007, aged just 37.
- Applied Networking Research Prize (ANRP) awards
  - IETF82, Michio Honda of Keio University

CJK Collaboration

- Internet and future Internet research is open research
- CJK should contribute more in IETF
- CJK have about 30% active drafts, but 5% RFCs
- We need more collaboration
  - In IETF drafts
  - In IETF organization, such as IAB
  - CJK side meeting during IETF
  - …