

**IPFIX WG  
68th IETF  
Prague  
March 20, 2007**

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# IPFIX WG I-Ds (old charter)

- Architecture for IP Flow Information Export
  - ◆ draft-ietf-ipfix-architecture-12
  - ◆ in RFC Editor queue
- IPFIX Protocol Specification
  - ◆ draft-ietf-ipfix-protocol-24
  - ◆ in RFC Editor queue
  - ◆ still, an update might be needed on time stamp encoding
- Information Model for IP Flow Information Export
  - ◆ draft-ietf-ipfix-info-15
  - ◆ updated after IESG evaluation
    - one DISCUSS item left to be solved: time stamp encoding
- IPFIX Applicability
  - ◆ draft-ietf-ipfix-as-11
  - ◆ updated after IETF last call, requested modifications applied
  - ◆ can enter IESG evaluation
  - ◆ issue: references PSAMP information model

# IPFIX WG I-Ds (current charter)

- IPFIX Implementation Guidelines
  - ◆ draft-ietf-ipfix-implementation-guidelines-02
  - ◆ to be updated after IETF last call
  - ◆ requested modifications will be applied in version -03
  - ◆ can enter IESG evaluation
- Reducing Redundancy in IPFIX and PSAMP Reports
  - ◆ draft-ietf-ipfix-reducing-redundancy-03.txt
  - ◆ updated after WG last call
  - ◆ to be submitted to AD for publication as RFC
- Bidirectional Flow Export using IPFIX
  - ◆ draft-ietf-ipfix-biflow-03.txt
  - ◆ updated after WG last call
  - ◆ to be submitted to AD for publication as RFC
- IP Flow Information eXport (IPFIX) Testing
  - ◆ draft-ietf-ipfix-testing-00.txt
  - ◆ update required
  - ◆ WG last call to be started soon
- Definitions of Managed Objects for IP Flow Information Export (IPFIX MIB)
  - ◆ draft-ietf-ipfix-mib-00.txt
  - ◆ progressing

# IPFIX Milestones

- Aug 2006: Publish Internet drafts on
  - ♦ IPFIX Implementation Guidelines ✓
  - ♦ IPFIX Testing ✓
  - ♦ Reducing Redundancy in IPFIX data transfer ✓
  - ♦ IPFIX MIB ✓
  - ♦ Handling IPFIX Bidirectional Flows ✓
- Nov 2006: Submit drafts to IESG for publication as Informational RFC:
  - ♦ IPFIX Implementation Guidelines ✗ (but close to completion)
  - ♦ IPFIX Testing ✗
  - ♦ IPFIX Reducing Redundancy ✓ (Mar 07)
- Mar 2007: Submit drafts to IESG for publication as RFC:
  - ♦ IPFIX Biflows ✓ (Mar 07)
  - ♦ IPFIX MIB ✗

# IPFIX WG Agenda

- 1) Agenda review and WG Status ( 5 min)
- 2) Documents from the old charter (Nevil) (15 min)
  - draft-ietf-ipfix-architecture-12
  - draft-ietf-ipfix-protocol-24
  - draft-ietf-ipfix-info-15
  - draft-ietf-ipfix-as-11
- 3) Drafts from the current charter
  - a) Reducing redundancy (Elisa Boschi) ( 8 min)
    - draft-ietf-ipfix-reducing-redundancy-03.txt
  - b) Implementation Guidelines (Elisa Boschi) ( 8 min)
    - draft-ietf-ipfix-implementation-guidelines-02
  - c) Bidirectional Flow Export (Brian Tammell) ( 8 min)
    - draft-ietf-ipfix-biflow-03.txt
  - d) IPFIX Testing (Paul Aitken) ( 8 min)
    - draft-ietf-ipfix-testing-00.txt
  - e) IPFIX MIB (Benoit Claise) (18 min)
    - draft-ietf-ipfix-mib-00.txt

# IPFIX WG Agenda

- 4) PSAMP drafts (Juergen) (20 min)
  - draft-ietf-psamp-framework-10.txt
  - draft-ietf-psamp-sample-tech-07.txt
  - draft-ietf-psamp-protocol-07.txt
  - draft-ietf-psamp-info-05.txt
- 5) New drafts
  - a) IPFIX Mediation (Daisuke Matsubara ) (10 min)  
draft-kobayashi-ipfix-mediator-01.txt
  - b) An IPFIX-Based File Format (Brian Trammell) (10 min)  
draft-trammell-ipfix-file-03.txt
  - c) IPFIX Configuration Data Model (Gerhard Muenz) ( 8 min)  
draft-muenz-ipfix-configuration-00.txt
  - d) Order of Information Elements (Hitoshi Irino) ( 8 min)  
draft-irino-ipfix-ie-order-00.txt
- 6) Wrap up, milestone review ( 4 min)