

**TSGS#15(02)0127**

**SP-020127**

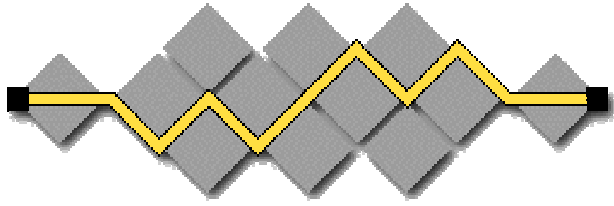


**Cheju Island, Korea, 11-14 March 2002**

# **3GPP-IETF Status Report**

**Source: Ileana Leuca, AT&T Wireless Services  
3GPP-IETF Rapporteur**

**A GLOBAL INITIATIVE**



# I E T F

## Outline

- **IETF Standardization process**
- **Where we are**
  - **Release 5 – March deliverables**
  - **Release 5 - June deliverables**
    - **Critical issues**
- **Next Steps**

# Standardization Process

- **Regular conference calls**
  - **Working groups: SIP, SIPPING, AAA**
  - **Authors and Editors (Jonathan Rosenberg, Flemming Andersen, Keith Drage, Bill Marshall, Adam Roach)**
  - **Group chairmen: Bernard Aboba, Dean Willis, Rohan Mahy)**
  - **IESG members (Allison Mankin, Scott Bradner, Bert Wijnen, Randy Bush, Tomas Narten, Erik Nordmark)**
- **IETF-3GPP common sessions**

# IETF Dependencies (1/2)



- Total – 40, critical 22
- Areas
  - Transport services (tsv)
    - SIP – protocol and extension specs
    - SIPPING – requirements and usage
    - AVT – real time protocol (RTP, RTCP) – m3ua,rtp-arm
    - ROCH – sigcomp
    - MMUSIC – SDP and RTSP
  - Operations and Management (ops)
    - AAA Diameter protocol, IP charging
  - Internet (int)
    - IPNG – IPv6,
    - DHC – Dynamic host configuration

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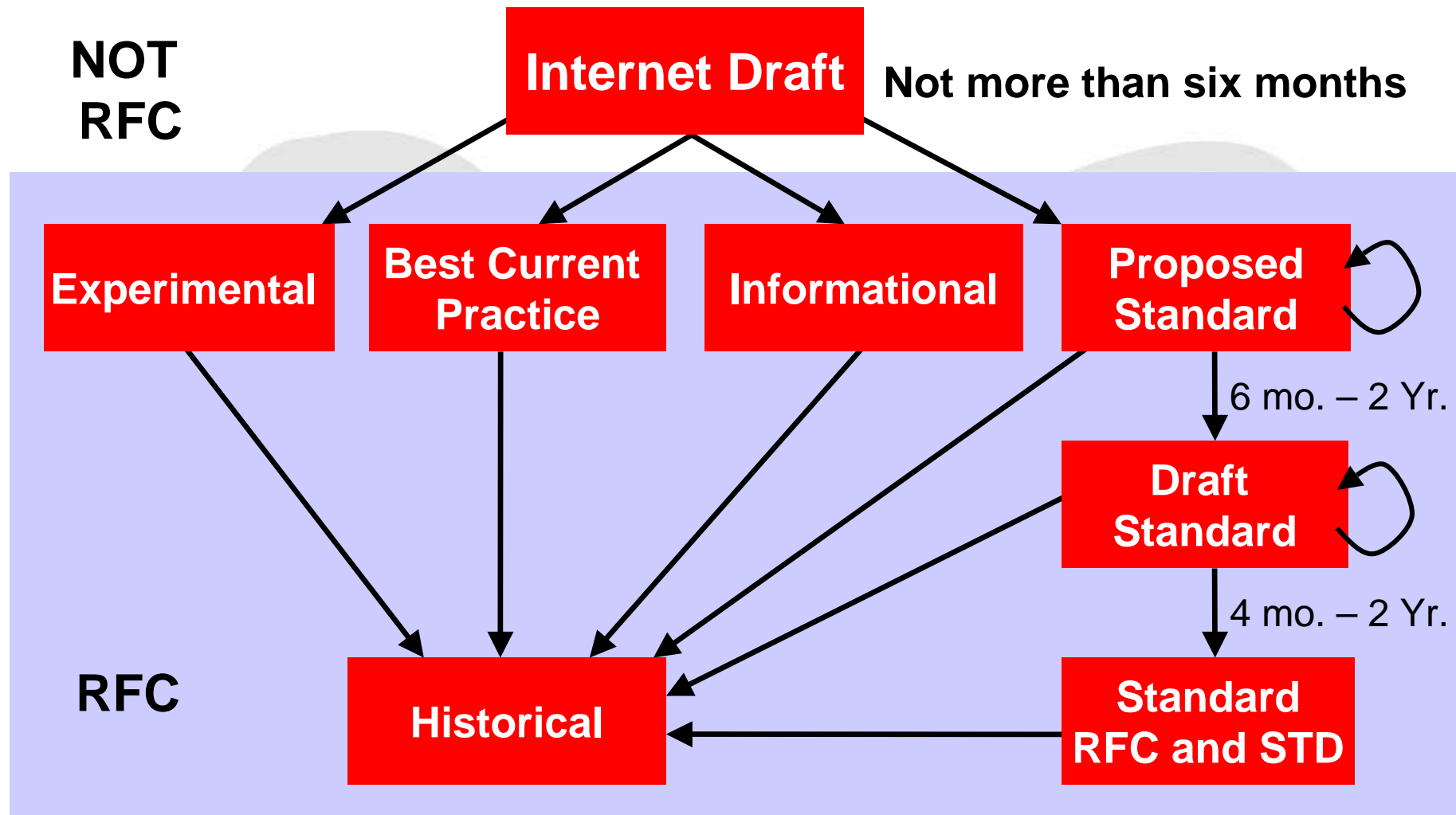
# IETF Dependencies (2/2)



- **Affected groups:**  
CN1, CN3, CN4, SA2, SA3, SA4, SA5, T2
- **Release 5 – March completion**  
**All critical drafts are approved and numbers are assigned**
- **Release 5 – June completion**
  - 24 dependencies
- **Release 6**
  - 9 dependencies

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# IETF Document Tracks



Stable drafts – RFC #s available

# Approved Drafts



1. RFC 3261 SIP: Session Initiation Protocol  
<draft-ietf-sip-rfc2543bis-09.txt>
2. RFC 3262 Reliability of Provisional Responses in SIP  
<draft-ietf-sip-100rel-06.txt>
3. RFC 3263 SIP: Locating SIP Servers  
draft-ietf-sip-srv-06.txt
4. RFC 3264 An Offer/Answer Model with SDP  
<draft-ietf-mmusic-sdp-offer-answer-02.txt>
5. RFC 3265 SIP-Specific Event Notification  
<draft-ietf-sip-events-05.txt>
6. RFC 3266 Support for IPv6 in SDP  
<draft-ietf-mmusic-sdp-ipv6-02.txt>
7. RFC 3267 RTP payload format and file storage format  
for the Adaptive Multi-Rate (AMR) Adaptive Multi-Rate  
Wideband (AMR-WB) audio codecs  
<draft-ietf-avt-rtp-arm-13.txt>
8. RFC 3268 AES Ciphersuites for TLS  
<draft-ietf-tls-ciphersuite-06.

# Release 5 – June (1/3)

- **Critical – 12 drafts and 3 at high risk**
- **Desirable – 13 drafts and 7 at high risk**
- **Critical drafts at high risk**
  - **Diameter Multimedia Application**
    - **draft-johansson-aaa-diameter-mm-app-01.txt**
  - **Signaling Compression (SigComp)**
    - **draft-ietf-rohc-sigcomp-04.txt**
  - **HTTP Digest Authentication Using AKA**
    - **draft-niemi-sipping-digest-aka-00.txt**



# Release 5 June (2/3)



## Desirable drafts at high risk

- DHCP for SIP server discovery
  - [drafts/draft-ietf-sip-dhcp-06.txt](#)
- Dynamic Host Configuration Protocol for IPv6 (DHCPv6)
  - [drafts/draft-ietf-dhc-dhcpv6-23.txt](#)
- SDP: Session Description Protocol
  - [drafts/draft-ietf-mmusic-sdp-new-05.txt](#)
- SigComp - Extended Operations
  - [drafts/draft-ietf-rohc-sigcomp-extended-01.txt](#)
- Universal De-compressor Virtual Machine (UDVM)
  - [drafts/draft-ietf-rohc-sigcomp-udvm-00.txt](#)
- Security Mechanism Agreement for SIP Connections <sup>TM</sup>
  - [drafts/draft-arkko-sip-sec-agree-00.txt](#)
- IP Multimedia Charging requirements on Diameter Accounting
  - [drafts/draft-olsson-ip-multimedia-charging-reqs-00.txt](#)

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## Release 5 – June (3/3)

### Last week update

- [draft-ietf-sip-manyfolks-resource-04.txt](#)
  - ready for WGLC
- [draft-ietf-sip-call-auth-03.txt](#) (informational)
  - ready for WGLC
- [draft-ietf-sip-privacy-03.txt](#)
  - polling for consensus
- [draft-ietf-sip-update](#)
  - adopted as an WG item
- [Path header](#) –
  - Still needs WG consensus to make this an WG item

# Next Steps

- **Bi-monthly meetings**
  - **Address the critical items**
    - **Experts, editors, authors**
    - **IESG level**
- **Continue the IETF-3GPP sessions**
- **Continue tracking progress through the Web site**
- **Meeting with ADs in Minneapolis next week**