

# Lemonade

## IETF 64.5

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# Note Well

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**Please consult BCP 78 for details.**

# Scribes and Transcribes

Alexey For Tuesday

??? For Wednesday

## JABBER details

**Room:** lemonade

**Server:** ietf.xmpp.org

**Logs:** <http://www.xmpp.org/ietf-logs/lemonade@ietf.xmpp.org/>

# Remote Logistics

- Conference Bridge
  - Audio Bridge Password: 3937582#
    - Canada +1 613-765-0170
    - San Jose +1 408-495-5113
    - Boston +1 978-288-4793
    - United Kingdom +44 162-843-1170
    - France +33 16-955-2170
    - [sip:carmeetme@nortel.com](mailto:sip:carmeetme@nortel.com)
- iChat
  - AIM: ietflemonade
  - [ietflemonade@jabber.org](mailto:ietflemonade@jabber.org)
- Centra (maybe)
  - URL: <https://centra.nortel.com/main/>  
Event ID: STR955865  
Event Password: Beijing

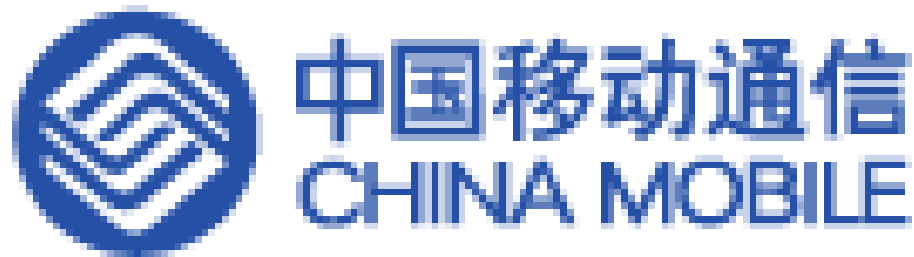
# Local Logistics

- The facility and meals are courtesy of our local host - China Mobile.
- Jan 24th  
(all times Beijing, GMT +8)
  - 11am                      - lunch                                      - Rose room
  - 12 noon                    - LEMONADE                                - Lotus room
  - 5:45pm                    - supper                                      - Rose room
- Jan 25th  
(all times Beijing, GMT +8)
  - 8am                         - LEMONADE                                - Lotus room
  - 12 noon                    - lunch                                        - Café Cha

# Chair's Agenda

- Local host presentation
- Meeting goals
- Status of documents
- OMA liaison
- Profile bis
  - Proposed content
  - in vs. out
  - Proposed draft

# Local host presentation



# Meeting Goals

- LEMONADE Profile bis and associated documents in IESG queue immediately after IETF 65
  - Drafts before IETF 65 – Feb 27, 2006
  - Post meeting updates - Apr 3, 2006



# Status Update

Chairs

# Lemonade Charter Review

- LEMONADE Goals
- IMAP4 extensions for VM playback
- IMAP4/SUBMIT extensions for forwarding
- IMAP4 extensions & profile for diverse endpoints
- Server-to-Server Notification Protocol
- Translation to and from other messaging systems

# WG Deliverables

- **LEMONADE Goals**  
draft-ietf-lemonade-goals
- **IMAP4 extensions for VM playback**  
draft-ietf-lemonade-convert
- **IMAP4 extensions for forwarding**  
draft-ietf-lemonade-burl  
draft-ietf-lemonade-urlauth  
draft-ietf-lemonade-catenate
- **IMAP4 extensions & profile for diverse endpoints**  
draft-ietf-lemonade-reconnect  
draft-ietf-lemonade-futuredelivery  
draft-ietf-lemonade-profile  
draft-ietf-lemonade-rfc2192bis
- **Server-to-Server Notification Protocol**  
draft-ietf-lemonade-notify-s2s
- **Translation to and from other messaging systems**  
draft-ietf-lemonade-mms-mapping

# Document Status

- ***IESG Processing:***

- draft-ietf-lemonade-notify-s2s-00 Revised ID Needed  
*May drop*
- draft-ietf-lemonade-profile-07 Waiting for Writeup  
*IESG Feb 2*

- ***RFC-Editor's Queue:***

- draft-ietf-lemonade-goals-05 RFC Ed Queue
  - draft-ietf-lemonade-burl-04 RFC Ed Queue
  - draft-ietf-lemonade-catenate-05 RFC Ed Queue
  - draft-ietf-lemonade-urlauth-08 RFC Ed Queue
- } trio

- ***Published:***

- draft-ietf-lemonade-mms-mapping-06 RFC 4356

# Future Delivery

- All issues resolved...
- Waiting on revised draft from editor
- Send for AD review
- ...then IETF last call

# RFC2192bis - IMAPURL

- update status?
- Progress now or aggregate changes after Profile bis?

# OMA MEM liaison

- Confusion about draft-ietf-lemonade-oma-mem-realization
  - Restates OMA AD
  - Unclear who owns OMA TS for LEMONADE
- Response to specific questions
  - Yes, no ,yes
- Comments on proposed mechanisms
- Response
  - Sorry for the confusion...
  - Let us know when AD is finalized

# Profile content proposals

- **Content Transformation**  
draft-ietf-lemonade-convert  
draft-ietf-lemonade-channel derivatives for *streaming*
- **Application Compression**  
draft-maes-lemonade-lzip
- **Firewalls**  
draft-maes-lemonade-http-binding  
draft-smaes-lemonade-intermediary-challenges
- **Notifications**  
draft-ietf-lemonade-notifications  
draft-newman-lemonade-msgevent
- **Filter**  
draft-ietf-lemonade-imap-sieve  
draft-martin-managesieve  
draft-maes-lemonade-vfolder
- **Reconnect**  
draft-ietf-lemonade-reconnect



# Content Transformation

- draft-ietf-lemonade-convert
  - Static Issues?
- draft-ietf-lemonade-channel derivatives for *streaming*
  - need a draft!
  - based on figure B at 61.5

# Application Compression

- Minimum codec for TLS
- draft-maes-lemonade-lzip

# Firewall Traversal

- draft-smaes-lemonade-intermediary-challenges
- draft-maes-lemonade-http-binding
- perhaps BCP or Informational
- use of IMAP/SMTP/SUBMIT ports must be promoted by profile

# Notifications

- Architecture per IETF 64
- Notifications mailing list – no activity?!?
- draft-ietf-lemonade-notifications
- draft-maes-lemonade-notifications-server-to-client
- draft-newman-lemonade-msgevent

# Filter

- draft-ietf-lemonade-imap-sieve
- draft-martin-managesieve
- draft-maes-lemonade-vfolder

# Reconnect

- New draft-05 expected
  - Split function for resume in authentication and login
- ...then WG last call
- Depends on
  - CONDSTORE, SORT, I18N, expunged, ANNOTATE,...
- Need implementations of 05

# LEMONADE Profile

Stéphane Maes

Alexey Melnikov

# Profile MUST implement

## IMAP

- STARTTLS
- CATENATE
- URLAUTH
- BURL
- UIDPLUS
- POSTADDRESS
- LITERAL+
- CONDSTORE
- IDLE

## ESMTP

- AUTH
- PIPELINING
- 8BITMIME
- CHUNKING
- BINARYMIME
- DSN
- SIZE
- ENHANCEDSTATUSCODES



# Phase bis - MUST implement

## IMAP/ESMTP

- All of Profile
- Notifications
- Content Transformation
- Filters (e.g., SIEVE)
- Filter management
- Reconnect
- Compression
- BINARY APPEND
- Allow Partial URLs

## Others

- Firewall traversal
- Proxies
- Object encryption

**Draft -- Comments?**

# Profile bis

- What is Profile bis (aka Phase 2)?
  - Meets balance of OMA requirements
  - Initial proposal:  
draft-maes-proposed-lemonade-profile-phase2
- Contents
  - Current profile
  - Notifications
  - Content Transformation
  - Reconnect
  - ...

# Charter Dates

## Goals and Milestones:

- Done Submit LEMONADE goals and use-cases specification to the IESG
- Done Submit server to server notification requirements to the IESG
- Done Submit translation to other messaging systems to the IESG
- Done Submit IMAP/SUBMIT extensions for forward without download to IESG
- Done Submit IMAP4 profile for mobile devices to the IESG
- Jun 05 Submit IMAP4 extensions for streaming multimedia to the IESG
- Aug 05 Submit server to server notification protocol to the IESG

# Next Steps

- We need documents...
- Ongoing coordination with OMA
- Plenary meeting in Dallas
  - March 20-24
  - 1 or 2 sessions?

# Thanks!

- Mail List:
  - General Discussion: [lemonade@ietf.org](mailto:lemonade@ietf.org)
  - To Subscribe: [lemonade-request@ietf.org](mailto:lemonade-request@ietf.org)
  - In Body: in body 'subscribe'
  - Archive: <ftp://ftp.ietf.org/ietf-mail-archive/lemonade/>
- Supplemental Work Group Page  
<http://flyingfox.snowshore.com/i-d/lemonade/>