

LEMONADE update

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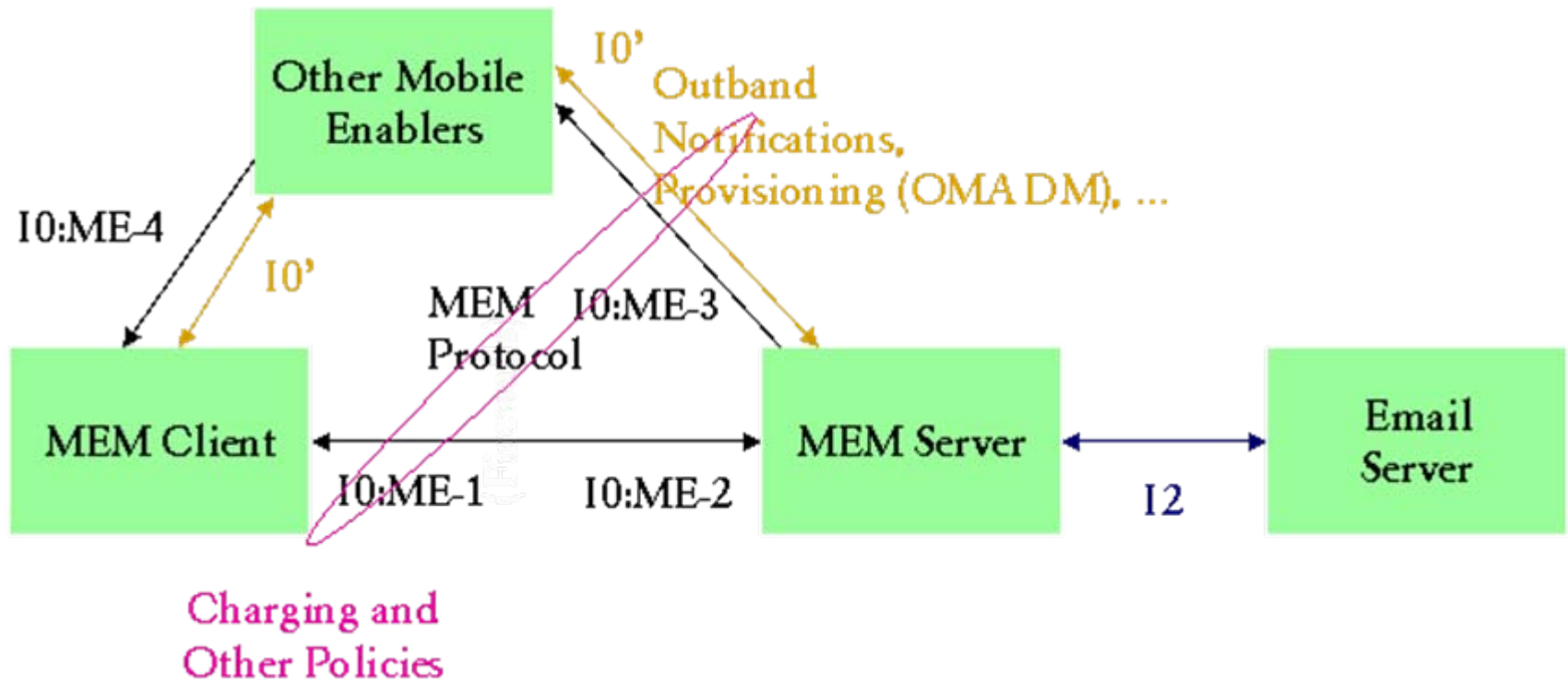
Summary

- Previous LEMONADE input to OMA
- LEMONADE Architecture
- LEMONADE Profile of MUSTs
- Relevant highlights
 - Notifications & Filters
 - Partial messages
 - Content Transformation
- Timeline
- Proposed realization of OMA requirements

Previous LEMONADE input

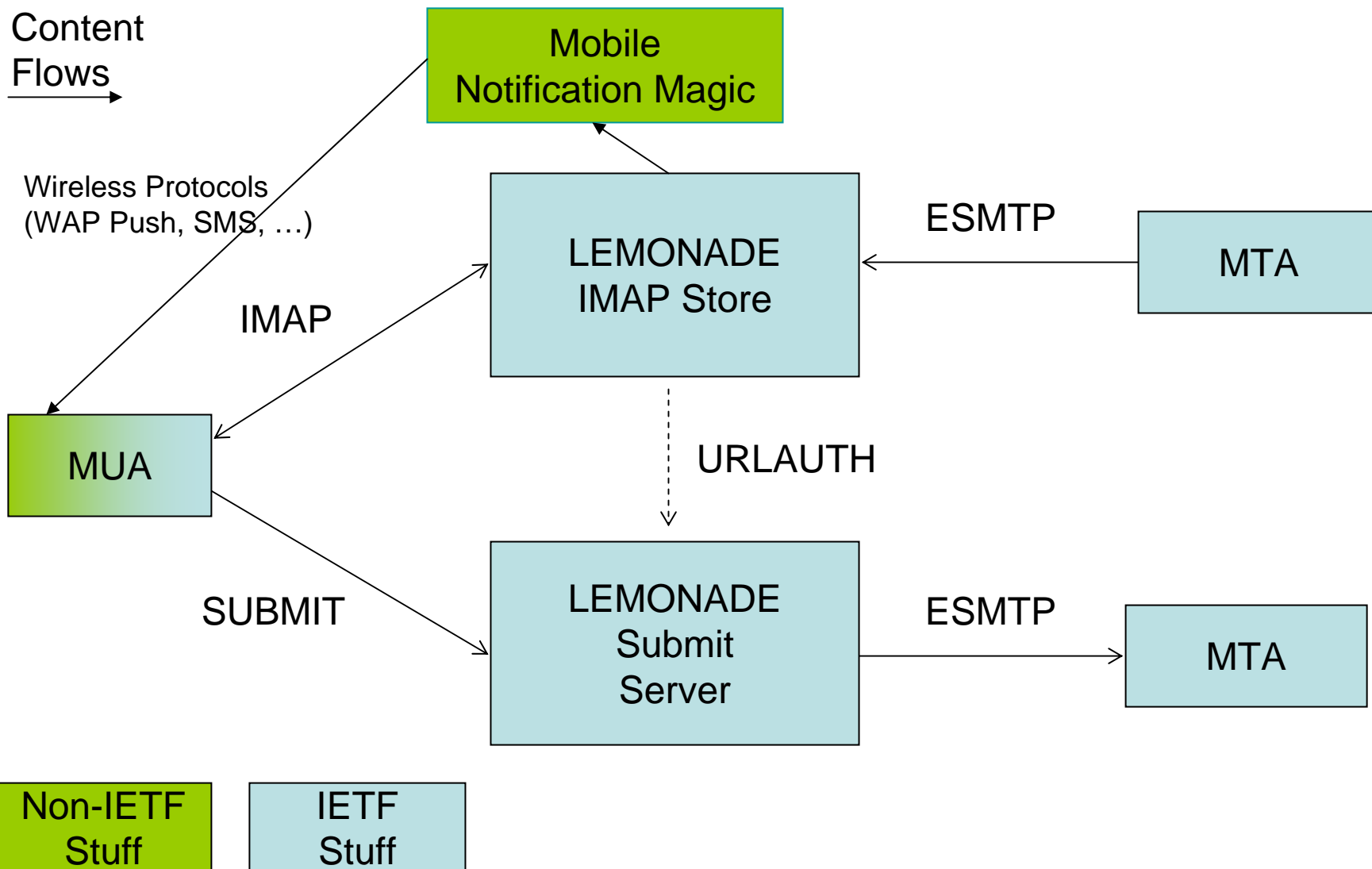
- What is LEMONADE?
 - OMA-MWG-MEM-2005-11 R1
- What is Internet Mail?
 - OMA-MWG-MEM-2005-12 R1
- Liaisons
 - Comments on RD, AD ...

OMA Mobile Email (MEM) Logical Architecture Model

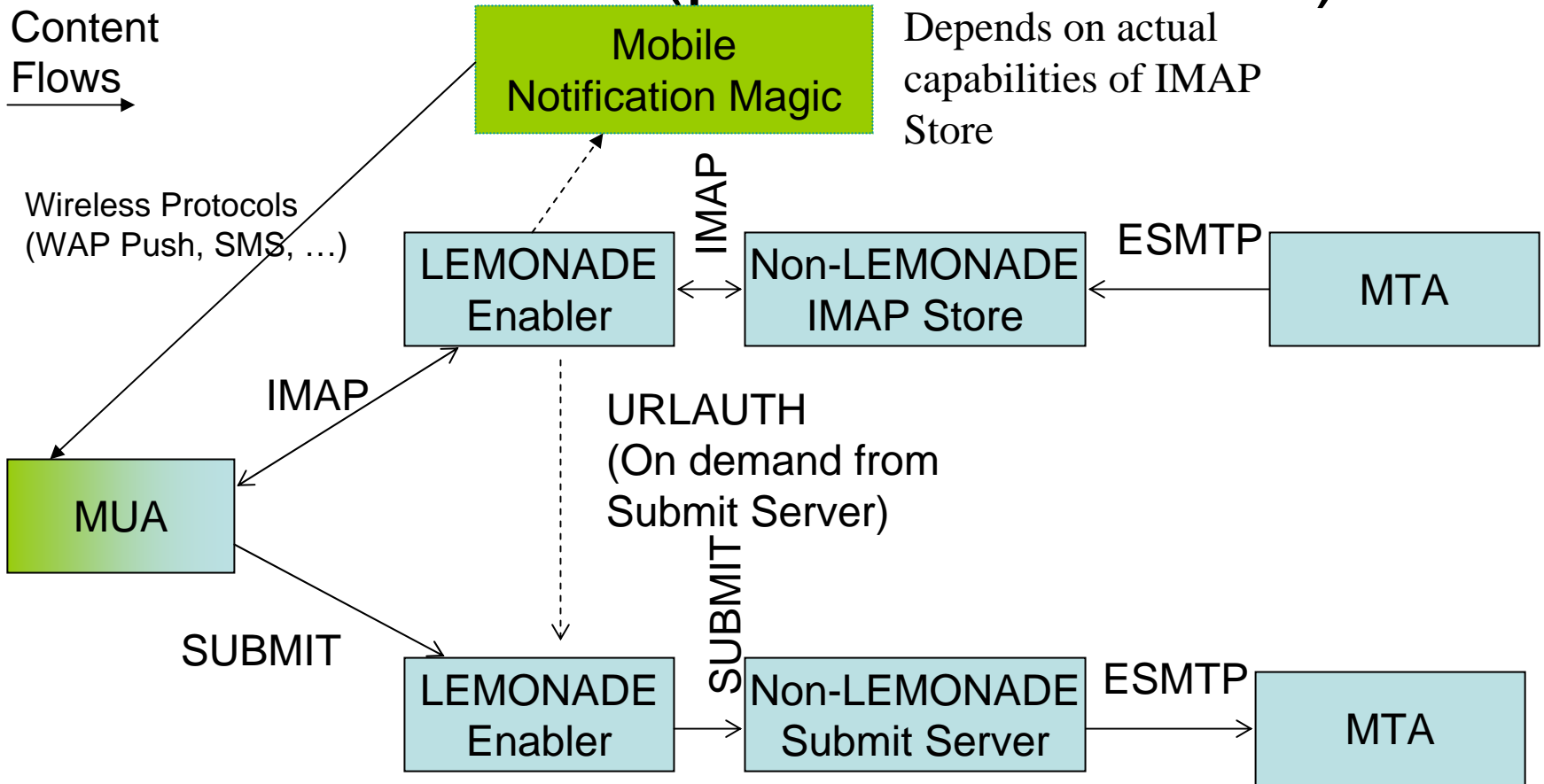


IETF LEMONADE Model

(default IETF implementation choice)



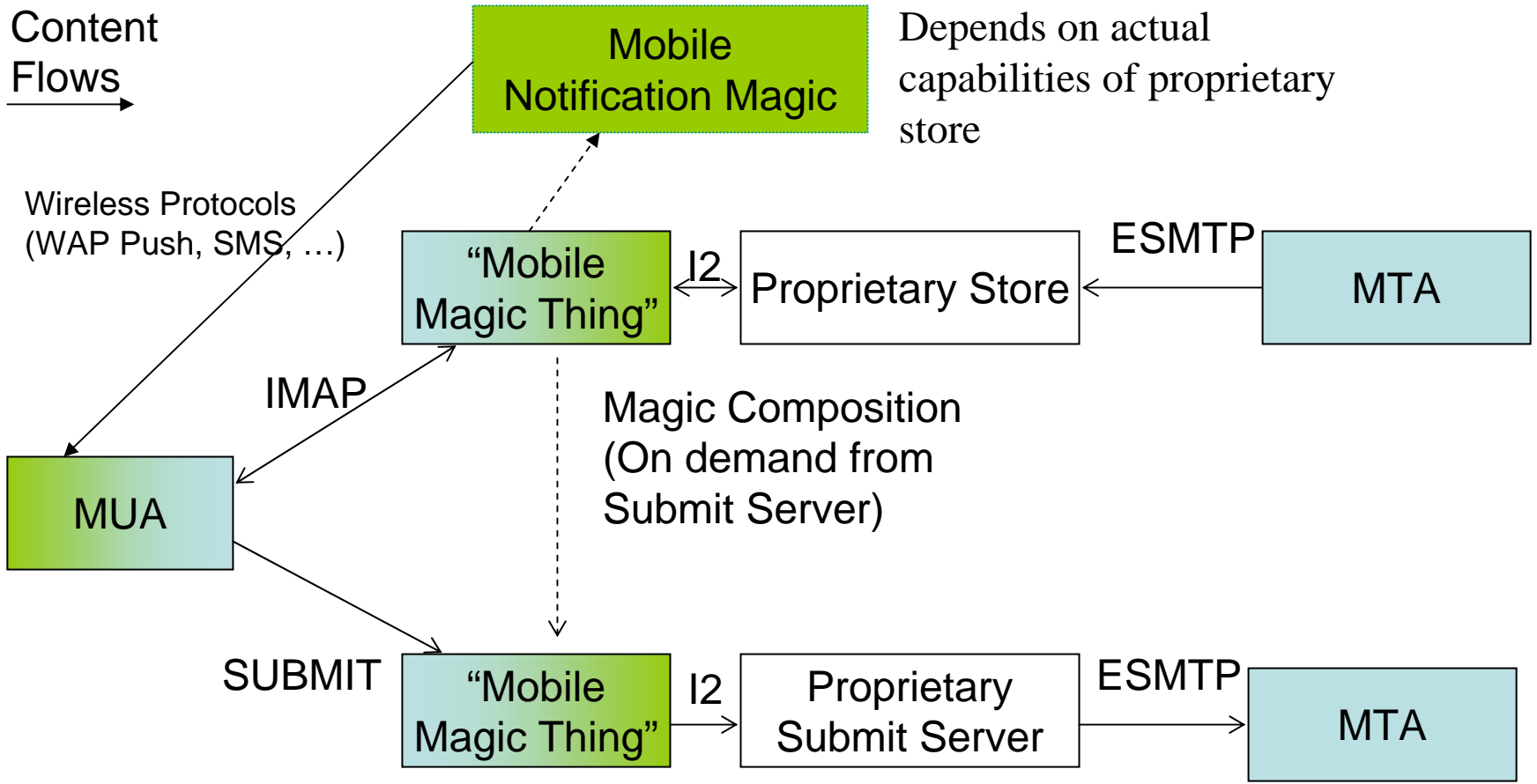
Implementation Choice: IETF World (pre-LEMONADE)



Non-IETF
Stuff

IETF
Stuff

Implementation Choice: Proprietary World With Standard Clients



Non-IETF Stuff

IETF Stuff

Profile MUST implement

IMAP

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

SMTP

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

Profile-bis - MUST implement

Consensus on details

- All of original Profile
- CONVERT
- Notifications & Filters
 - SIEVE
 - SEARCH WITHIN
 - VFOLDER
 - ESEARCH
 - MSGEVENTS
- RECONNECT
- BINARY APPEND
- ANNOTATEMORE
- Allow Partial URLs in trio

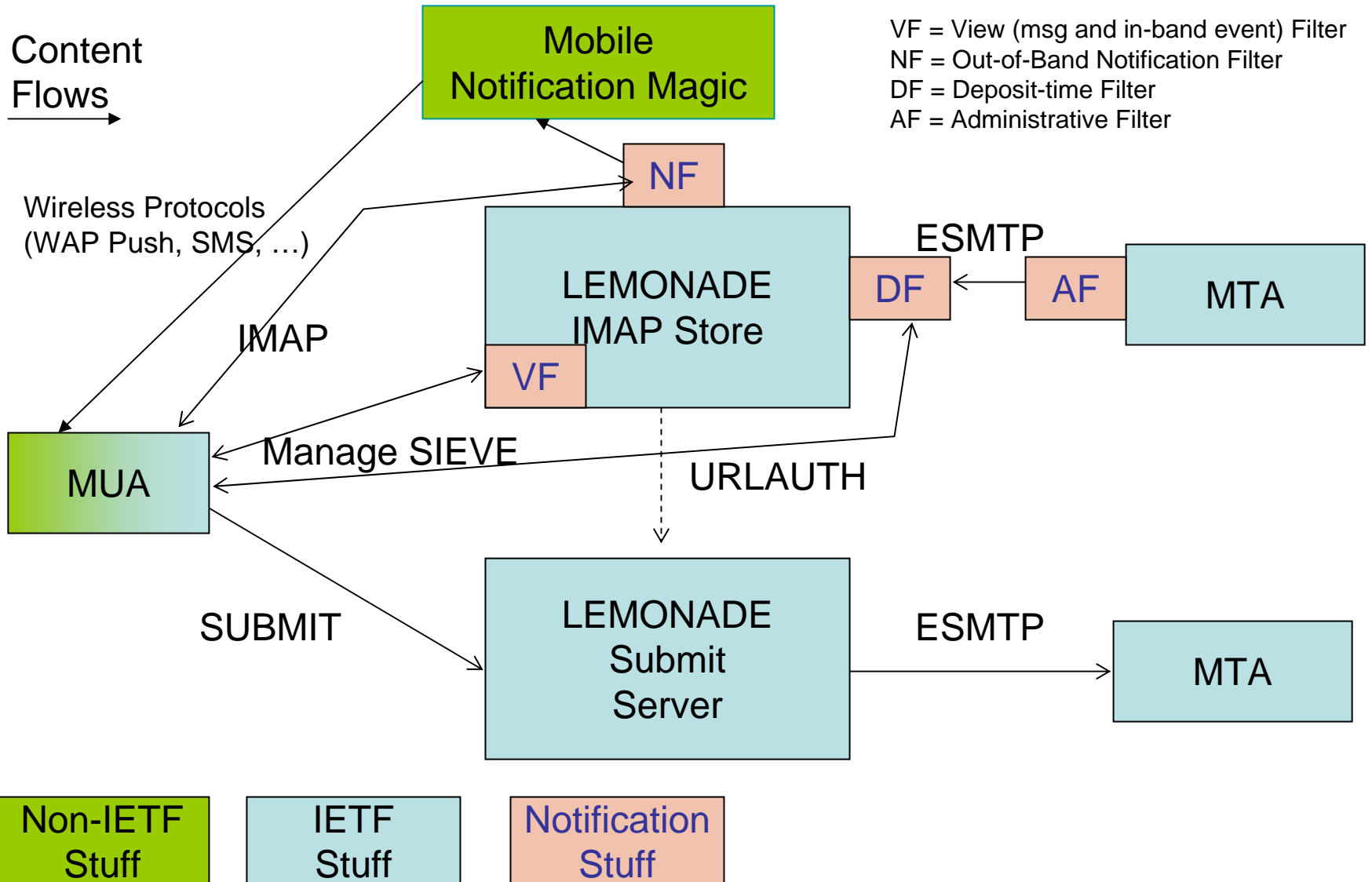
Details near completion

- CLEARIDLE
- Compression
 - COMPRESS
- Filter management
- Content Transformation
 - Streaming
- Firewall traversal
- Proxies
- Object encryption
- Notification encryption
- SMTP extensions...

Notifications & Filters

- Server to server
 - AF
- Server to client
 - NF – SIEVE to filter & OMA EMN as transport
 - VF - VFOLDER
 - DF - SIEVE
- NF & DF management
 - Manage SIEVE

IETF LEMONADE Notifications



Partial messages

- Already in RFC2192bis (IMAPURL)
 - Partial fetch
- Explicit forwarding of parts of messages
 - Will add support in trio
 - URLAUTH, CATENATE, BURL

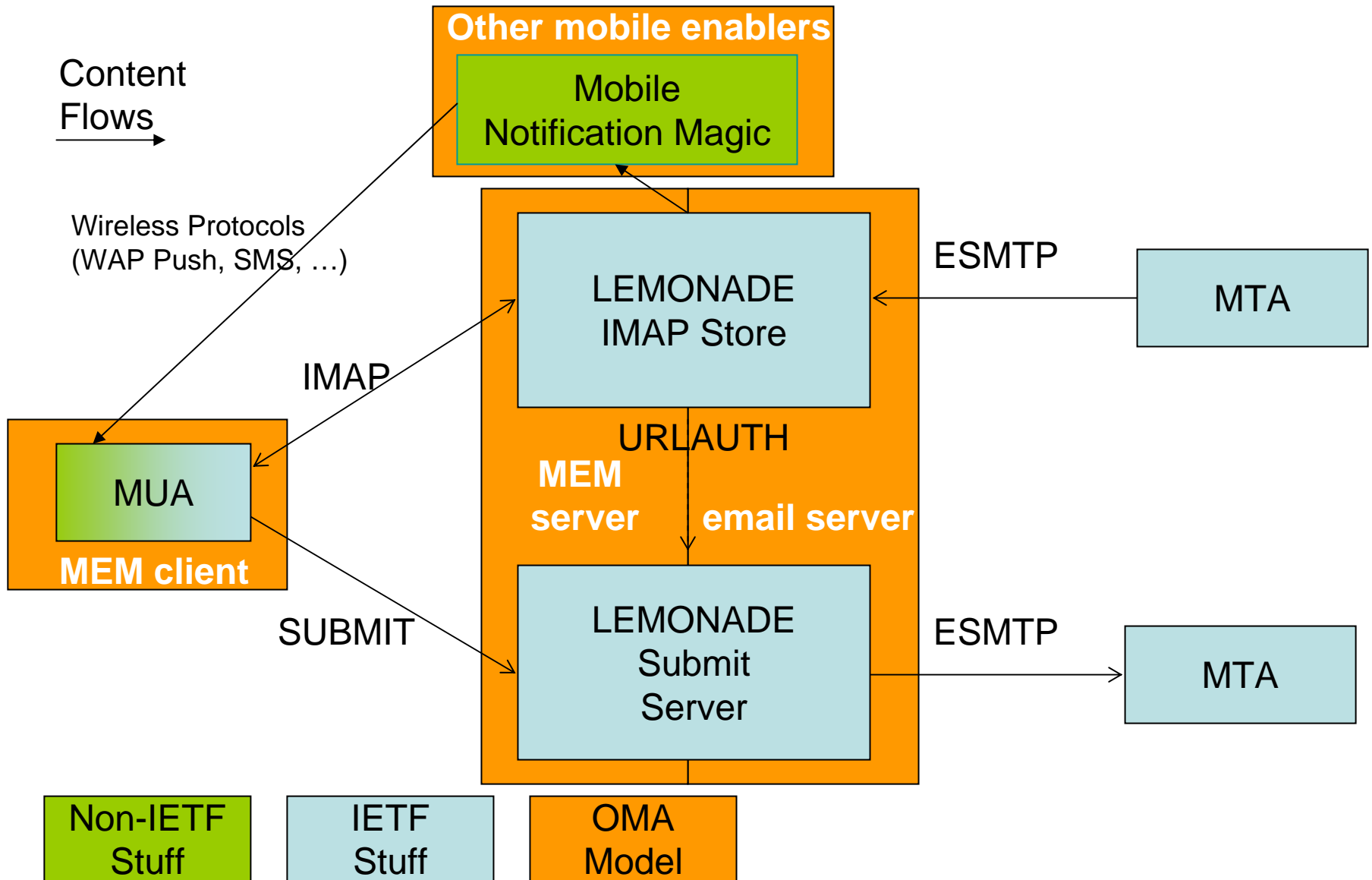
Content Transformation

- Using OMA STI to indicate parameters
 - LEMONADE baseline is only HTML-to-TXT
- Static or Streaming
- Encapsulated transformations
 - Compression
 - Encryption

Timeframe

- Goals – RFC 4416
 - Published Feb 2006
- Profile – RFC xxxx
 - RFC Editor Queue
 - Publication April 2006
- Final Review of Profile-bis
 - May 2006
- Publication of Profile-bis
 - September 2006

Realization of OMA model



References

- LEMONADE Document Status Page
<http://tools.ietf.org/wg/lemonade/>
- Working Group Page
<http://www.ietf.org/html.charters/lemonade-charter.html>
- Mail List:
 - General Discussion: lemonade@ietf.org
 - To Subscribe: lemonade-request@ietf.org
 - In Body: in body 'subscribe'
 - Archive: <ftp://ftp.ietf.org/ietf-mail-archive/lemonade/>