

From: IETF LEMONADE Working Group  
To: OMA MWG MEM Sub Working Group  
Date: March 29, 2007  
Title: Update on LEMONADE activity  
Response contact: lemonade@ietf.org  
Purpose: For Action

The IETF LEMONADE working group (WG) would like to update you on our progress. Of note is that we have several RFCs that have already been approved and published:

- RFC 4467 - IMAP URL Authorization (URLAUTH)
- RFC 4468 - IMAP BURL
- RFC 4469 - IMAP CATENATE
- RFC 4550 - LEMONADE Profile
- RFC 4551 - IMAP Conditional STORE (CONDSTORE)
- RFC 4731 - IMAP ESEARCH

Furthermore, the following documents have been essentially completed and are in the process of formal approval and publication:

- draft-vaudreuil-futuredelivery (SMTP Future Delivery)
- draft-ietf-lemonade-search-within (IMAP SEARCH WITHIN)
- draft-ietf-lemonade-deployments (for LEMONADE-compliant Mobile Email)
- draft-ietf-lemonade-compress (IMAP COMPRESS)
- draft-ietf-lemonade-reconnect-client (IMAP Quick Mailbox Resync)

In addition, we are nearing completion on the rest of the documents in discussion in the WG. This includes IMAP CONVERT, IMAP notifications, and LEMONADE Profile-bis. We intend to conclude this work by June 2007.

In the LEMONADE Notifications document (draft-ietf-lemonade-notifications) we have based 'out of band' notification on OMA E-Mail Notification (EMN). However, in the development of the functionality we have the need to identify items (such as message subject, date, sender, etc.) that are not part of the EMN mechanism. As a result, we have described these items as a different extended notification payload in addition to the base EMN payload. We understand that OMA MEM has been working with OMA BAC PUSH to validate our current approach and to extend EMN with these capabilities. We would appreciate a status on this activity.

For the IMAP CONVERT protocol, the LEMONADE WG had agreed that the only 'Mandatory to Implement' conversion that will appear in the CONVERT protocol is HTML to TEXT. However, as we indicated previously the protocol itself can support any subset or even the entire OMA STI parameter suite, although we do not believe that support of the full list of OMA STI parameters is appropriate. The LEMONADE profile will not specify this list. We understand that OMA MEM would further subset the full list of STI parameters to make it realistic for the OMA mobile enabler. We would appreciate a status on this activity.

As we had previously indicated, LEMONADE has conducted a preliminary interoperability event. Note that from an IETF perspective, our interest is only to facilitate protocol maturity. Specifically, that is to prove the feasibility of the protocol (which we have done with

our preliminary event) and to document multiple interworking implementations to prove maturity (which we will do later this year). At our preliminary event nine entities participated with four test LEMONADE servers and numerous clients. The group tested these implementations against the LEMONADE Profile (RFC 4550) and identified some clarifications that were needed to make the specifications clear. The specific issues identified at the interop event have been used to update our documents. We expect that we will have another event later this year based on the published Profile-bis. We understand, from your earlier Liaison Statement, that this latter event would be of interest to OMA IOP.

Finally, as you know, the work of the LEMONADE WG is focused on a set of extensions to IMAP and ESMTTP to support mobile email. This set will be succinctly summarized in the LEMONADE profile (draft-ietf-lemonade-profile-bis). We understand that the OMA TS will normatively reference the LEMONADE profile for the MEM protocol. In order to help us understand your usage better, we would appreciate a presentation on the OMA MEM TS for LEMONADE. Would it be possible to have such a presentation at our next meeting?

Up-to-date information on LEMONADE Internet-Drafts and RFCs can always be found at <http://tools.ietf.org/wg/lemonade/> with additional information on our charter page <http://www.ietf.org/html.charters/lemonade-charter.html>

Finally, as information, the next meetings of the IETF LEMONADE WG are:

- Week of May 15 - LEMONADE interim - TBD
- July 22-27 - IETF 69 plenary - Chicago