

## UA EAI WG Meeting

26 April 2022

### Attendees

Mark Svancarek  
Nitin Walia  
Abdalmonem Galila  
Jim DeLaHunt  
Herman Ramos  
Seda Akbulut

### Agenda

- 1) Welcome and roll-call
- 2) Reviewing the [Self-Certification Guide](#) from MSP.4
- 3) AOB

### Meeting Notes

Mark started the meeting and shared that current status. He started discussion from MSP4.

**MSP.4:** Mark stated that the summary is not correct because it's not that the provider provides an alias, but that the provider can provide an alias. He asked everyone if they agreed. Nitin responded positively. Mark updated the document.

**MSP.5:** It was deleted.

**MSP.6:** Mark asked about why it is platinum. Nitin and Jim commented. Jim shared that the mailbox is not an email address but a specific part which keeps emails. Mark agreed. Mark added an action item under MSP main heading: "Action item - add references and add to references. Or replace the term with "IMAP folder", etc

Note: The term "mailbox" as used in this section refers to IMAP spec (add number here) and is different from how the term is used in other documents such as UASG (add doc number for mailbox naming)."

Nitin referred to “Hosting functionality for internationalized mailboxes is [available but] not enabled [by default]” for MSP6 not being the Platinum. Nitin suggested that it should be gold. MSP.6 and MSP.7 will be revised.

**MSP.7:** MSP.6 and MSP.7 will be revised

**MSP.8 and MSP.9:** By the logic of MSP6 and MSP7, MSP8 and MSP9 should be Gold too.

**MSP.10 and MSP.11:** Gold.

Mark shared that he merged section 8 with MUA.

## **Self-Certification of EAI Support of Email Utilities and Tools**

For the 2nd line in the table, Mark referred to look at MUA.10 and MUA.2.

Jim shared that the items in the list are generic terms. Item says to treat the Unicode email as Unicode and not as a label. Item 2 is the subset of item 3.

Mark and Jim discussed and added that it is included for emphasis and redundancy. ASCII is a subset of UTF-8. In the MUA section, the phrase “as Unicode” is used. Abdalmonem asked about the difference between UTF-8 and U-Labels. Jim shared that UTF-8 is not rigorous enough because ASCII is a subset of UTF-8.

For item 3, Abdalmonem mentioned that non-ASCII characters include emojis too. Therefore, the term must be “Unicode”. Emojis are not suggested for email address registration, including in the local part. Jim shared that their WG created a document about best practices for email administrators and it clearly says that do not use emojis in email local parts.

Mark asked if point 3 is strong, why point 2 is required. Jim shared that point highlights the fact that tools can go wrong. Mark asked Jim to recall this point. Jim stated the example of command line tools.

Nitin referred to the gold and silver definitions and suggested 2 as silver, 3 as gold. Mark and Jim agreed to that.

Item 4 is about all ASCII only email addresses including + and % characters in the mailbox names. Item 4 was deleted after taking some notes under the table:

Note: Per RFC 5322, Product must support any ASCII-only email address compliant with email RFCs, including "+" and "%" in mailbox names. This is a general UA issue, not specific to EAI. (See also UASG best practices document)

- **Do not modify case**
- **Do not add or remove "+" or "." in addresses**
- **Do attempt to normalize**

Likewise, 4, item 5 was deleted after taking down the notes about it under the table.

Jim shared the following in the chat:

“RFC 5322 “Internet Message Format”: ‘This document specifies the Internet Message Format (IMF), a syntax for text messages that are sent between computer users, within the framework of "electronic mail" messages. This specification is a revision of Request For Comments (RFC) 2822, which itself superseded Request For Comments (RFC) 822, "Standard for the Format of ARPA Internet Text Messages",...’ <https://www.rfc-editor.org/rfc/rfc5322>“

Item 6 was decided to be silver after discussion with a note that Some systems may use email addresses both as a unique identifier and for communication to/from the email address user. For example, status messages and error alerts might be sent to the user by some products, but others (e.g., address books) will not. Likewise, anti-spam services must be able to send messages to such addresses.

Regarding item 7, Mark shared that it is related to the assignment of a domain name that it can be international. But he had a confusion about how it is related to email. Jim agreed to that. Item 7 is decided to be Silver by adding a note that ideally, any domain name would be usable (including new gTLDs, brand domain names and long domain names). This has an implication to EAI whenever email addresses are derived from the assigned domain name.

For Item 8, Mark asked if hosting email addresses and can be contacted by email are 2 separate things or not. Jim agreed that both are different. It is decided to be Gold. Seda added a note that currently item 8 is being discussed.

**Next meeting:** Tuesday 10 May 2022 UTC 1430 -1530

**Action items**

<b>No.</b>	<b>Action Item</b>	<b>Owner</b>
1	Review the document	All