

# UA EAI WG Meeting

## 31 August 2021

### Attendees

Mark Svancarek  
Nitin Walia  
Sasa Kovacevic  
Sarmad Hussain  
Samantha Mancia  
Vadim Mikhaylov  
Jim DeLaHunt  
John Levine  
Mark Datysgeld

### Agenda

- 1) Welcome and roll call
- 2) Continue work on self-certification guide
  - a) Proposed text regarding how ratings for email components relate to ratings for email systems built of those components.
- 3) Planning work focused on new stakeholders:
  - a) TLD registries and registrars
  - b) Academia
- 4) AOB

### Meeting Notes

Work continued on the self-certification guide on the Self-Certification of EAI Support of Email Utilities and Tools section:

- Line 3: “Product supports mailbox names spelled with UTF-8 characters”
  - It was noted that Jim had opened a discussion on the list to solicit help with the wording and received some good suggestions.
  - A decision was made to use the proposed wording from the email chain and change line 3 to: “Product fully supports (stores, accepts, displays, etc.) any non-ASCII characters (encoded as UTF-8) in all appropriate email structures such as headers, addresses, subject lines.”
- Line 4: “Product supports any ASCII-only email address compliant with email RFCs, including "+" and "%" in mailbox names”
  - It was noted that this row will be removed and instead will point to the best practices document on mailboxes
  - It was also noted that the self-certification guide has no opinion on policy

- Line 5: “Product does not modify contents of data fields of type “email address” except when required by user”.
  - The following notes were added to description section: “Do not modify case, do not add or remove “+” or “.” In addresses, do not attempt to normalize”
- Line 6: “Product may send messages from international email addresses, and may receive messages at international email addresses, as appropriate for the product’s functionality”.
  - The following notes were added to description section: “some systems may use email addresses as both an identifier and for communication to/from the email address user. For example, status messages and error alerts might be sent to the user.”
- Line 7: “If product is hosted at a domain name, that domain name can be an international domain name”.
  - The following notes were added to description section: “ideally, any domain name would be usable (including new gTLDs, brand domain names, and long domain names)”
- Line 8: “If a product hosts email mailboxes, it can host internationalized email addresses”.
  - A decision was made to change the text in Line 8 to “If a product hosts email mailboxes or can be contacted by email, it can host or be contacted by internationalized email addresses”.
  - The following notes were added to description section: “Email to fax, email to SMS, or product which can receive commands via email”.
- *It was noted that there is currently nothing under Line 9, accordingly the group decided to reorder #s 10 and 11 to #s 9 and 10.*
- Line 9: “Product correctly displays RTL or LTR scripts”.
  - The following note was added to description section: “all UA verbs”
- Line 10: “Product can receive messages from any valid international email address, and receive, store and process that address without corruption”.
  - The following notes were added to description section: “seems redundant, review during clean-up”.

Agenda Item 2.a - Proposed text regarding how ratings for email components relate to ratings for email systems built of those components:

It was noted that someone had complained that mail user agents don’t provide email addresses, they support them and requested that the WG change the language. It was noted that this does, however, bring up the question of rating individual components vs. systems, as MUA is a component of overall system.

A question was raised noting that if you have a gold level MUA and a bronze level mail delivery agent, what should you conclude about their overall level? It was noted that in the self-certification guide, an entry that was put in the last section raised this issue. Email systems are made up of various components, and though the guide provides ratings of both, the overall rating is determined on the overall system. Examples were discussed citing examples where individual

parts can be highly rated, but the overall system is rated low, and vice versa. It was agreed that the text that Jim added to address this point was sufficient. A request was made to redo the table of contents as the headings appeared to be messed up, and a note added for this.

Agenda item 3 - Planning work focused on new stakeholders:

- TLD Registries and Registrars
  - It was noted that the WG would skip this stakeholder for now, to be addressed/brainstormed on the list.
- Academia
  - It was noted that there was a discussion on the list.
  - It was noted that most people use ASCII, and don't learn Unicode or about how it could be used in internationalization, and EAI usually not touched upon in school at all.
  - It was suggested that adding EAI to curriculum was a worthy action for this stakeholder
    - It was noted that it was done in the past but in an ad hoc manner which was not very successful.
    - It was noted that there's an internationalized curriculum website: <https://groups.google.com/g/cicin>
      - It was also noted that there are not many computer sciences subjects on there.
  - It was noted that when talking about changes in curriculum there are a few different layers:
    - Code internationalization
    - Need to focus also on system admin courses as well
  - Sarmad mentioned that when he was in academia, they would regularly use [ACM courses](#), and suggested reaching out to the teams that develop these curricula to get the relevant changes done in their recommended curricula
    - It was noted that before the WG reaches out they should determine where changes are needed on the current curricula featured on the ACM website.
  - It was noted that there are also regional organizations (for example the African Academic Association) that the WG can reach out to.
    - It was noted that some homework needs to be done first in order to determine what is being asked for in terms of proposed changes.

**Next meeting:** Tuesday 7 September 2021 UTC 1530-1630

**Action items**

No.	Action Item	Owner
1	Brainstorm via the list about Registries and Registrars as a stakeholder for EAI	All

