UA EAI WG Meeting
24 January 2023

Attendees

Mark Svancarek	Prince Andrew L. Zutah
Nitin Walia	Olivier Kouami
Jim DeLaHunt	Carine Malor
Harsha Wijayawardhana	Arnt Gulbrandsen
Sushanta Sinha	Seda Akbulut
Athanese Bahizire	Yin May Oo
Benedict Sagoe	

Agenda

1. Welcome and roll call
2. ICANN76 EAI Self Certification Meeting
3. **Complete the EAI self-certification guide by resolving comments (continue from MUA.18) - (95% completed) (What is the clear ask for the email providers?) https://mm.icann.org/pipermail/ua-eai/2022-December/001741.html**

4. Determine and summarize what actions are required for each self-certification item *At a high level which things can be automated and which things are to be done manually (MUA1-6, IMAP and MSA completed)*

5. Complete the score generator spreadsheet (to be done offline)
6. Finalize the flowchart diagram
7. Identify the vendor's roles, and WG's roles are for the EAI self certification
   1. Go through the manual test run first, and see which parts are scriptable or automatable, and determine the amount of work, and calculate which tasks require manual work time.
   2. Update the Statement of Work (SOW) for E1.1 and E1.2

8. Email provider stories - User acceptance tests

Meeting recording

Meeting Notes

Mark started the meeting by reminding everyone that there would be an EAI self-certification meeting at the ICANN76 and it would be in the Cancún time zone. Seda explained that the initial plan and intention was to share the finalized version of EAI self-certification guide to the email service providers and do testing according to it and receive their feedback. We would like their contribution and exchange of ideas on what worked well, and what did not, and to encourage them to plan for UA goals by motivating them with the scores. Even if the guide was not ready, it would still be beneficial to discuss with the email service providers. The EAI self-certification meeting is planned to have a 75 minute session. This will not be on the same program as the Tech-day, where the tech-day can allow 5-10 minutes for the sharing of the EAI self-certification. Mark estimated more time.

Mark asked if the email service providers were formally invited for the ICANN76 and Seda answered that there was no formal invitation or confirmation yet as the meeting was not confirmed yet. Seda and Arnt suggested either postponing the meeting, or setting up a lower expectation in the description of the meeting.

Nitin said we can change it as the beta launch since we have already shared about this since ICANN74. We could request the participants to contribute for the actual version. Nitin's team has also been working on these tests and documenting the outcomes, these could be shared as supporting examples of the self-certification guide demonstration. Nitin encouraged the working group to keep up and speed up the work on this guide, in order to make at least the beta version ready.

Mark agreed with Nitin's suggestion of calling this current version 'beta' since there are people who are already using this guide's alpha version to do testing. Harsha also shared that he would be using the guide at his tech workshop, and the results and feedback would be shared back in two weeks. Arnt said better not raise the expectation before the actual work deliverables.

Seda shared the meeting proposal in the *chat* :
Launching the Internationalized Email Self Certification Guide to Promote Universal Acceptance :
This session will feature the Internationalized Email Self-Certification Guide and how that can help promote Universal Acceptance. The early adopters will share their experience and provide feedback on the guide. The community will be consulted to understand how to promote the guide more broadly.

Jim said we could deliver a list to 3-to-6 technical issues that we have come across in the course of this document which are particularly difficult and

interesting. Then ask the panelists point of views. Although we do not have a crisp chic document ready yet, we have grappled with relevant technical issues, policies and the meaning of a good performer. Jim expressed that people who would be at the meeting would be able to share their knowledge and points of views as well.

Seda asked the WG members to confirm that the current version (still under reviewing) is alright to be shared to the interested email service providers and tested out on their relevant services. Mark and the rest agreed and would like to hear the feedback from various platforms. Seda would change the ICANN76 meeting session description as "*Releasing the beta version of the Internationalized Email Self-Certification guide to promote Universal Acceptance*".

Seda asked about Jim's proposal on preparing technical topics to be shared to be added to the meeting description. **Mark suggested adding the suggested topics towards the tech-day planning, separately from the EAI Self-Certification meeting**. Mark explained that the rolling out meeting of EAI self-certification guide would be more of asking people to try out the guide and inviting feedback, whereas the tech-day talk would be the discussion of topics which would explain what obstacles of compatibility and policies to overcome while writing the guide. Jim suggested talking about the purpose and value of the guide, which is to help the purchasers and vendors communicate better with each other about EAI features, at the rolling out meeting.

Mark asked Seda to work on the meeting time schedule so that Mark could participate in the meeting online for the Cancún timezone.

Complete the EAI self-certification guide
    1) EAI-Ready Mail User Agent (MUA) and EAI-Ready Webmail clients
MUA.22
Comment from Jim: *This wording does not say that login needs to succeed.*
Mark edited the description accordingly and Jim added in the glossary about non-ASCII definition.

MUA.23
Mark revised the text accordingly. Terminology issues about unicode/non-ASCII could be discussed on tech-day talk.

MUA.24

The comment was resolved and Jim added the definition of "originator header" in the glossary. Arnt pointed out that it is from RFC5322 3.6.2.

MUA.25
Description of "destination address header" has been added to the glossary. Arnt pointed out that it is from RFC5322 3.6.3.

MUA.27
Mark revised the text according to Jim's comment. Jim said it was for the December 20 edit, so the comment was cleared.

MUA.28
The editing suggestion by Jim was accepted.

MUA.31
The editing suggestion by Jim was accepted.

Jim said he took the action item from the last meeting and added test cases in three places in MUA, MTA and MDA to talk about IDNA2003 vs IDNA2008. Jim suggested leaving the action item to be continued working by Jim and resolve these comments.

MUA.33
Comment of Jim questioned how the message/global feature is related to EAI and MIME, and if it should be silver level. Arnt said message/global is the same as message RFC822, except that it permits the use of EAI addresses. Jim said this could be a silver-level requirement, but it is gold-level currently.

John Levine **commented** that : *You need message/global to send attached or forwarded EAI messages, but I don't think I've ever seen a mail system that does that.*
Mark said that was the reason it was marked as gold-level. Jim added that message/global is defined by RFC6532.
All edits on MUA.33 were accepted, and comments were resolved.

MUA section reviewing was finished except for MUA18 for resolving the comment Jim had left on the IDN address issue.

2) EAI-Ready Mail User Agent (MUA) and EAI-Ready Webmail clients which support IMAP

In the IMAP section, the term 'mailbox' is supposed to be 'folder', and Jim added the explanation in the paragraph and standardized the terminology.

IMAP.3
There is no problem with the phrase "Server address displayed as unicode", but Arnt suggested "human readable" would be better. Jim added a more complete definition in the glossary.

IMAP related suggestions were accepted, and comments were resolved.

Arnt suggested removing IMAP.10, depending on the answer Arnt will receive from the RFC, we may delete this.

3) EAI-Ready Mail User Agent (MUA) and EAI-Ready Webmail clients which support POP

A couple comments in the POP section were accepted and comments were resolved.

4) EAI-Mail Submission Agent (MSA)

Mark suggested accepting the changes in the MSA section and leaving the comments unresolved.

MSA.11
Comment from Jim was to replace the word "rejected" with "returned to sender as undeliverable". The text was revised and the comment was resolved.

Next meeting will be starting from section 5) MTA.

Next Meeting: Tuesday 31st Jan 2023 at 15:30 UTC

Action items

No.	Action Item	Owner
1	Share the outcome of using the EAI self-certificating guide at the tech workshop and Round Cube in two weeks	Harsha
2	Update the meeting description for ICANN76	Seda

3	Schedule the meeting time for the rolling out meeting	Seda, Mark
4	Add topic suggestions towards the tech-day talk - unicode/ non-ASCII	Jim
5	Update on IMAP.10 after receiving reply from the RFC	Arnt
6	Read through the MSA part offline	Mark