UA EAI WG Meeting
19 July 2022

Attendees
Mark Svancarek
Nitin Walia
Abdalmonem Galila
Jim DeLaHunt
Seda Akbulut

Agenda

1) Welcome and roll-call
2) Reviewing the EAI Readiness Self Certification Guide
3) What to take up next from the FY23 Action Plan
4) AOB

Meeting Recording:
https://icann.zoom.us/rec/share/V9ucMFkqNHH_ZriAece7j5TYmgI3YcgiDyixitf4X
NQtaNqm_9rIp3t3weRL5M-H.0ZKUtKdHmr2DNVAI

Meeting Notes

Mark started the meeting by welcoming participants and giving an overview of agenda items.

Reviewing the self-certification guide
Mark started the review by describing the blockades. He said a list of technical questions need to be wrapped up before sending the self-certification guide document.

- MDA has questions related to SMTP and mail relay. Some terms are mixed throughout the MDA section that make it ambiguous. Abdalmonem mentioned that SMTP is just a protocol, but it relates to a service about relaying the destination to another SMTP. He mentioned the difference between SMTP server and SMTP protocol.

- MUA section has questions of originator headers, destination address header, and how features of MIME relate to EAI.

- There was a discussion on the term MIME. Jim suggested looking for its definition. Mark asked how the message part and address part are related. Abdalmonem mentioned that there is no relation between MIME and EAI. EAI is the address, MIME is the body of the mail. Jim added one exception where MIME provides mechanisms for taking non-ASCII text and coding it as ASCII. Mark said that the question on how MIME relates to EAI is still valid and why John said it should be a test case. Abdalmonem shared a potential reason that if the header address part is failing for MIME, the email address will not be translated correctly to the destination address.

  Nitin confirmed what Abdalmonem said:
  MIME defines an encoding mechanism for some specific message header fields to accommodate non-ASCII data. However, it does not permit the use of email addresses that include non-ASCII characters. Without the extensions defined here, or some equivalent set, the only way to incorporate non-ASCII characters in any part of email addresses is to use RFC2047 https://datatracker.ietf.org/doc/html/draft-ietf-eai-framework-05

- URL Nitin provided was added to the MUA.33 in the self-certification guide. As it is still not easy to test, Jim recommended not deleting the question about MUA33. Usually if there is a work around, we say it is gold.
  Jim added some clarifications to questions and divided it into three questions.

- MDA 18 was discussed at the end of last meeting, there is a question related to legacy support. It is not clear what it means with the "check legacy support" comment.

- Nitin shared a URL about MIME (see the page after searching for MIME on this document) :
  https://community.icann.org/download/attachments/160727433/LACRALO%20EAI%20Training%20-EN.pdf?version=1&modificationDate=1620766318000&api=v2

At this point it was decided that Jim shall resolve all the questions by John, and Mark shall clean up the document and send it out.

What to take up next from FY23 Action Plan

Mark asked about the budget in the [FY23 action plan](#) for the EAI WG. Seda said it is USD 80k in total and that each budget item was approved by the USAG leadership team and it is open for community input until 25th July and will be finalized by the end of this month. Mark went through each item listed in the action plan.

Mark identified some dependencies of action plan items on other items listed like E1.2 is dependent on E3.2. It seems like we cannot do E1.2 before doing E3.2. On this Nitin said that we already have some email service providers that can use self-certification guide, but here is another dependency that is E1.1 which is the existence of self-certification tools. Nitin suggested letting service providers to score themselves with self-certification guide. Seda mentioned that these providers are mentioned in UASG030A. https://uasg.tech/download/uasg-030a-eai-software-test-results-en/

Jim and Nitin said that there are still some more mail service providers apart from the ones included in UASG030A. Jim mentioned that Xgen is a mail service provider, but Coremail and Postfix are not mail service providers. Hotmail and Gmail are mail service providers, but they are not hosting.

Mark asked to identify the items that can be done in parallel, on which Jim said E1.1 should be delayed because we do not have enough information right now. He suggested finding service providers to engage and have Q&A sessions to improve the tool. We can first do E1.2 and then move on to E1.1.

Mark suggested directing to John's Github repository that can be a baseline for tests.

Nitin said that it would not be easy to support manually due to different time zones and ownership problems. So, E1.1 must be outsourced to a professional agency that can create questions and build the guide around that.

Nitin further talked about two separate kinds of customers and corresponding service providers listed in action items. So, they must be dealt with separately.

Mark suggested that E1.1 and E1.2 are linked and should be done by the same vendor with one SOW. So, whoever is building the tool should provide support for E1.2. Nitin said that the budget is low.

We have some content for E3.1 and E3.2 that is not enough to complete the task which is not blocking E1.1. So E3 and E1 can be done in parallel. Nitin suggested giving names to Comms WG for further work, while Jim suggested identifying more customers and service providers.

Seda added that E1 has been a task EAI WG has been working on for a long time. It should be our priority to complete and deliver it with all its sub-elements. Most participants voted for prioritizing E1.1 as the next item to work on. So, this is set as the next agenda item.

Mark concluded that the focus should be on E1.1 with the next meeting agenda on it and the parallel work on E3.1 and E3.2 should be done.

Next Meeting: Tuesday Tuesday, 26 July 2022 UTC 1430 -1530

Action items

No.	Action Item	Owner
1	Finalize the formatting of the EAI questions list and share the final list of questions with everyone individually	Mark
2	Create a SOW template for E1.1 (and/or E1.2) for the next meeting	Seda
3	Forward the EAI questions to the additional people	Seda

Reference:
Self Certification Guide:
https://docs.google.com/document/d/1PopXtNog8nJzdpYQcl1JMyIH2gNYJ4_r/edit#

EAI Questions:
https://docs.google.com/document/d/1p1pdyAxTPpHwFK0fYQkOXhM8IZGXbZ42JmYOtlxDtjw/edit#