

UA EAI WG Meeting

10 January 2023

Attendees

Nitin Walia	Mark Datysgeld
Abdalmonem Galila	Oscar Giudice
Jim DeLaHunt	Regina Fuchsova
Harsha Wijayawardhana	Sandra Veronica Rodriguez Dominguez
Olivier Kouami	Sushanta Sinha
Eunice Perez	Arnt Gulbrandsen
	Yin May Oo
	Seda Akbulut

Agenda

1. Welcome and roll call
2. **Complete the EAI [self-certification guide](#) by resolving comments (continue from MUA) - (95% completed) (What is the clear ask for the email providers?)**
 1. <https://mm.icann.org/pipermail/ua-eai/2022-December/001741.html>
1. 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)***
2. Complete the [score generator spreadsheet](#) (to be done offline)
3. Finalize the flowchart diagram
4. 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
1. Email provider stories - User acceptance tests

[Meeting recording](#)

Meeting Notes

The focus of this meeting would be agenda #2.

Jim had sent an email to mailing list (agenda topic 2.1)

<https://mm.icann.org/pipermail/ua-eai/2022-December/001741.html>

He said this offers an editorial change in the guide. This does not need to be separately handled. We can go ahead with the comments.

Agenda #2 - Complete the EAI self-certification guide

MUA7:

Abdalmonem suggested broadening the description. The description should not just say 'search' only, but also 'process' it in UA terms since 'search' is a sub function of 'process'.

Nitin said that broadening scope should not include just "search", but also "save" and other things. Then it would not be gold-level, but would be platinum-level.

Jim suggested splitting it into two, one for search as gold, then add as MUA.7b for all of the processes as platinum-level.

Abdalmonem agreed on Jim's suggestion, but prefers to keep it as simple as possible, hence would like to see one item only instead of splitting into 7a and 7b. Jim agreed to keep MUA7 as is.

"Text processing (search, edit and save)" was added in the document to MUA7 to expand the scope. Abdalmonem, Nitin, Jim, Sushanta agreed and kept it as the gold-level requirement.

MUA8:

Harsha talked about searching the local part of the email in the address book, and its relation to IDNA2008.

Jim said the difference between IDNA2003 and IDNA2008 was not mentioned in this guide, but we need to add it in another place instead of MUA8. Platinum for IDNA2008 involves a lot of things.

Jim added a note at the end of the MUA section *"Add items to handle IDNA2008 vs IDNA2003 differences in email domain names."*

Jim's suggestion on MUA8a was accepted by Harsha and Nitin. No objections were received, and comment was resolved.

Arnt said if anyone is using a domain name non-compatible with IDNA2008 but compatible with IDNA2003, they would have problems such as receiving emails.

Jim asked Arnt whether Software using IDNA2003 should be gold, silver or platinum-level? Arnt answered it does not matter in the end, the software that complies with IDNA2008 also allows the addresses with IDNA2003, because it reduces the interoperability problems.

Nitin said IDNA2008 supports backward compatibility.

Nitin also shared the following link to *check if this is good for IDNA2003 vs 2008*
<https://archive.icann.org/meetings/losangeles2014/en/schedule/mon-tech/presentation-idna-2008-13oct14-en.pdf>

Arnt suggested leaving this for future discussion and Jim requested Arnt to share what softwares complies with IDNA2008 and still support IDNA2003 compliant addresses without issues.

MUA18:

A comment by John Levine saying: *"Everywhere in the MUA section that says SMTP, it should say submission, per RFC6409."*

Jim made replies to that comment saying:

It seems to me that REC6409 separates "mail submission" from "mail relay". 'SMTP' now refers to "Mail relay", and there is a different term for mail submission".

Task for document cleanup: read RFC6409, understand what term it suggests in place of 'SMTP'. Reword references to 'SMTP' throughout this document as appropriate.

Arnt said he had read that RFC and it says "submission", but he did not think replacing the word is a big deal, because it is the same practical only with mandatory authentication and a different port. But Arnt disagree with John L about this. The change would not make a big impact on the doc, and SMTP sounds clear enough. Jim agreed.

Harsha mentioned an issue about connecting to SMTP on MUTT and Arnt offered a solution to be shared later.

Nitin asked if there were no objections to using the term SMTP, we would continue as is. Jim said he would add a note in the glossary about SMTP, by rejecting John's comment, and accepting Arnt's opinion. So both "submission" and SMTP were included.

Jim added this to glossary: *"SMTP: Per 2023-01-10 WG meeting, keep "SMTP" wording here, and add glossary entry "SMTP" which mentions "submission" and RFC 6409."*

2nd comment on MUA.18 by Mark Sv about the "IDN address":

"Make reference to IDNA 2008 for IDNs and punyencoding. IDNA 2003 is not acceptable"

"offline, find out why there are still adherents for 2003"

Jim's comment in response: (7:29 PM Nov 29)

"I think we cannot assume IDNA 2008 is required. We should allow tests to proceed for software supporting either IDNA 2003 and 2008. We should have test items which reveal whether software supports IDNA 2003 or IDNA 2008 or neither."

Mark Sv's response: (7:30 PM Nov 29)

"seems language-specific/script-specific"

Harsha will send the wordlist of ZWJ-forms with frequency to the mailing list.

Not addressing IDNA2008 as a minimum requirement is ambiguous. One option is we can keep it ambiguous. As MUA.18 is silver, IDNA2008 might be required for the platinum-level. Nitin said there were mentioning IDN addresses without saying complied to which IDNA version. Arnt said the current text is okay.

Regarding Mark Sv's comment, saying "offline, find out why there are still adherents for 2003", Arnt said that these people use IDN2003, and are strict and they do not understand the consequences of holding the older one – and might not want to break anything by the change, so they did not change.

Arnt clearly suggested keeping the current text if we do not have a clear argument.

Harsha asked and Arnt explained that IDNA2008 is stricter and does not allow runic domains, although practically there is only one runic domain. Nitin said majority of domain name providers use IDNA2008.

All comments in MUA18 were resolved.

While reaching the end of the meeting, Seda suggested going through all comments offline and adding our comments on the document to speed up.

Jim agreed that we can add comments in half an hour offline individually, and then get together and compile.

Nitin suggested checking with Mark to set additional time this week or next week to get together, instead of working offline.

Seda asked if the document is ok to start working on this at least for Nitin's and Harsha's team. Nitin and Harsha confirmed that they will start reviewing it without waiting for cleaning up.

Nitin said Scoring can be done at a later stage.

In the next meeting we will start working from MUA25.

Next Meeting: Tuesday 17th Jan 2023 at 15:30 UTC

Action items

No.	Action Item	Owner
1	Review the guide and add your inputs in comments section	EAI WG
2	Set additional meeting	Seda
3	Review the self-certification guide for their email services and report their inputs, recommendations to improve	Nitin and Harsha
4	Share a solution to Harsha for MUTT /SMTP	Arnt