UA EAI WG Meeting
24 March 2020

Attendees

    Abdalmonem Galila
    Ahmad Bakhat
    Cheryl Langdon-Orr
    Dennis Tan
    Harish Chowdhary
    Jim DeLaHunt
    Kristina Hakobyan
    Malick
    Mark Svancarek
    Nitin Walia
    Priyatosh Jana
    Sasa Kovacevic
    Sushanta Sinha
    Zied Bouziri
    Pitinan Kooarmornpatana
    Sarmad Hussain

Agenda

1) Review of previous meeting notes
2) Continuation of Best practices for email admins

Review of previous meeting notes

The WG members reviewed the note from 17 March 2020 meeting and there was no further comment.

Best Practice for Email Administrators

The WG continued working on the Best Practice for Email Administrators. The recommendation regarding symbols was discussed.

Following points were raised:

- For ASCII email addresses, some symbols are commonly used e.g. numbers, hyphen, digits. This could be a starting point for using symbols for EAI.
- All domain names should be threat equally. Therefore, what is allowed for ASCII addresses should also be allowed for EAI.

- Based on the real use cases, an email account should be feasible to read and to input. Following this principle, the WG concluded the following recommendations:
  - The label should be type-able by a commonly used Input Method Editor (IME).
  - Emojis are not allowed, e.g. emoji with skin colors (See SAC095)
- The WG was informed about relevant existing work:
  - Messaging Malware Mobile Anti-Abuse Working Group (www.m3aawg.org) published a best practice for Unicode Abuse Prevention. The WG reviewed the document and noted that most of the point aligned with the WG document.
  - UTR39 Unicode Security Mechanisms was reviewed for the detail of Restriction-Level Detection and noted that the level of WG best practice is between Highly Restrictive and Moderately Restrictive.
  - In general, these document should be included as references. However, they were not directly address symbols.
- Additional points regarding to Arabic script were raised.
  - For RTL script, the dot (.) should be written in same context where it is. As the dot for RTL is different from the dot in LTR context.
  - The combining marks which fail the "feasible to read and input" principle should be disallowed e.g. ARABIC TATWEEL (U+0640) or a stretch mark.
- Other mathematical marks and other non-ASCII symbols was noted, e.g. # $ % = " *, for further discussion.
- Spam filter consideration was added to the Pending Discussion item.
- The overview of the work shared to the new joiners. The document was developed to be a practical practice for the email administrators to provide EAI that is not to too restrictive for the user and, at the same time, does not create any unstable EAI service.

Action items

No.	Action Item	Owner
1.	Review *Best practices for email admins document for discussion*	ALL