

# UA EAI WG Meeting

## 7 April 2020

### Attendees

Abdalmonem Galila  
Dennis Tan  
Harish Chowdhary  
Jim DeLaHunt  
Mark Datysgeld  
Mark Svancarek  
Sasa Kovacevic  
Sushanta Sinha  
Zied bouziri  
Sarmad Husain

### Agenda

1. Review of previous meeting note
2. Second call for proposal for Email Tools Inventory and Related Definitions  
<https://community.icann.org/display/TUA/UA+Statements+of+Work>.
3. Continuation of [Best practices for email admins \[docs.google.com\]](#)
4. AOB

### Meeting Notes

The WG reviewed the previous meeting note. It was raised that the FY21 plan will be discussed in a separate meeting. The WG was informed that currently each working group was asked to review the status of this year action plan and prioritize them into two folds: what remaining of the year to be done, and what rolling over to the next fiscal year.

The Best Practices for EAI Admin was discussed on the topic of the spam filter. Functionality of DMARC (Domain-based Message Authentication, Reporting and Conformance) and DKIM (Domain Keys Identified Mail) were shared. More information was available in the [UASG 012 Email Address Internationalization \(EAI\): A Technical Overview](#).

DMARC used A-label when perform the DNS lookup, therefore the practice for EAI administrator was not much different from ASCII email system. For DKIM, using EAI could change the email signature, therefore the EAI administrator must ensure the selected tool or vendor are IDN ready.

Some of the tool was mentioned and they could be added them EAI tool Inventory to be included in the UA Readiness Measurements: OpenDMARC, Apache SpamAssassin, Office365, Spamjadoo.

It was raised that the spam filter consideration should be looked at in both inbound and outbound.

The WG agreed that recommendations should consist three parts: (1) How to select a spam filter? (2) How do you set it up to perform correctly? (3) How do you test if it is set up correctly?

Following points were suggested for How to select a spam filter:

- Ensure that tools/mechanisms being used to secure emails, like DKIM and DMARC, are IDN ready
- Consider if both mailbox@u-label and mailbox@a-label are managed effectively by the spam tool

It was discussed that testing the EAI system depends on the customers or partners and might be hard to do in practice. However some testing concerns should be noted in an Appendix. For example: “An admin setting up international email addresses can assess how ready the frequent recipients are to receive EAI messages. To assess, admin could (1) conduct a survey of which domains are recipients of email presently, (2) take the top most-frequent recipients, (3) Send test messages from an EAI address to those recipients, to verify they get through. Variation, 1.a. if your system’s EAI addresses will send to different recipients than your system currently sends to, list those new recipients as well.

It was raised that the length of the mailbox name was already included in the document. The consistency implementation was suggested. The WG was informed that after setup a DMARC, administrator should review the traffics and fine tune the instruction.

The WG agreed that the consideration for spam filter best practice needed more expert input.

Jim de la Hunt raised that he planned to submit the presentation about localization and requested members to share any case studies for internationalized domain names and EAI projects.

UA EAI WG prioritization would be discussed in the next meeting.

### Action items

No.	Action Item	Owner
1.	Review the FY20 -FY21 Prioritization Matrix for UA EAI WG	ALL
2.	Review <a href="#">Best practices for email admins</a> document for discussion	ALL