



# Work Item: Email Tools Inventory and Definitions

Ver.: 2020-03-26

## Purpose

The purpose of this work item is to create the following deliverables as per the [UASG EAI Working Group Charter](#) and [UASG Action Plan](#):

1. Develop an inventory of proprietary and open source tools and applications for EAI along with their contacts
2. Develop an inventory of email service providers along with their contacts

This work is proposed by the UASG EAI Working Group  
<https://community.icann.org/display/TUA/UA-EAI+WG>

These work items map to the following entries in the action plan:

Action Plan Item(s)	Action Plan Item Summary
T3, E1	Maturity Level, Training Material
E3	Registry of software and providers

The report should be in line with the document in the Foundation and Materials section.

## Description of Work

1. Research the email ecosystem; create a document to publish the inventory, Consisting of:
  - a. Antispam (AS)
  - b. Mail User Agent (MUA)
  - c. Mail Submission Agent (MSA)
  - d. Mail Transfer Agent (MTA)
  - e. Mail Delivery Agent (MDA)
  - f. Mail Service Provider (MSP)
  - g. Calendars
  - h. Task List
  - i. Reminders
  - j. Email lists
  - k. Address book software
  - l. Identity provider software
2. Identify technology (Original Software Developer/ Service Provider/ Vendors) contacts; invite them into UASG community.



## Deliverables

1. Report on the tools and services with details under each category that includes but is not limited to:
  - a. Category of the tools and services, based on the Description of Work
  - b. URL of the tools and services
  - c. URL where its claim supporting EAI, if applicable
  - d. Level of EAI support claimed, if applicable
  - e. Supporting OSs
  - f. Supporting Databases
  - g. Licensing information (Proprietary or Open source)
  - h. The public mechanism to report issues
2. Presentation in PowerPoint format of the report
3. Contact information for the tools and service providers (as available publicly)
  - a. Name
  - b. Designation (Title)
  - c. Email
  - d. Phone number, if applicable
  - e. IM address, if applicable
  - f. URL location to report issues

This contact list will conform to standard ICANN Privacy Policy and access to it will be limited to UASG leadership unless consent for publication is received from the contact.

## Timeline

Start date: February 2020

Report submitted to WG for review: April 2020 (8 weeks after the start date)

End date: May 2020 (4 weeks after the submission for review date)

## Foundation and Existing Materials

1. UASG Technology Group already has a starter inventory. It is expected that this work will build on and include content already in that inventory.
2. UASG defines the ability to sent to or receive from EAI compatible systems is called “Phase1” support; the ability to host the EAI compatible mailboxes is called “Phase2” support. Additional Levels of Support may need to be defined when creating the inventories. See the following document for reference:
  - a. UASG 021A<sup>1</sup> Email Address Internationalization: Evaluation of Major Email Software and Services
  - b. UASG 021B<sup>2</sup> Email Address Internationalization (EAI): Evaluation of Major Email Software and Services

---

<sup>1</sup> <https://uasg.tech/wp-content/uploads/documents/UASG021A-en-digital.pdf>

<sup>2</sup> <https://uasg.tech/wp-content/uploads/documents/UASG021B-en-digital.pdf>



Universal Acceptance

---

## Recommendation

*Recommended*

DRAFT