



Work Item: Evaluation of Email Software and Services which Announce EAI Support

Ver.: 2020-01-08

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](#). This work is proposed by the UASG EAI Working Group <https://community.icann.org/display/TUA/UA-EAI+WG>. This work item maps to the following entries in the Working Group charter and the UASG action plan:

Outcome 5 in the Working Group Charter:

Undertake a review of email technology and services to determine the degree of their support for EAI, in conjunction with measurements working group

The review and evaluation are built based on the methodology published in [UASG021A](#) and the knowledge from the pilot evaluation published in [UASG021B](#).

- Coordination Group proposing the work item: UA EAI WG
- Reference to the Action plan: FY20
- Reference to work item(s): E3 and M4

Description of Work

The work will test the EAI components and services which announce EAI support based on the following list. The methodology laid out in UASG021A and as updated in UASG021B will be executed in order to perform portions of this work item. When generating the proposal, the following will be considered:

	MUA	MSA	MTA	MDA	MSP	Webmail
Axigen	X	X	X	X		X
Coremail	X				X	X
MS Outlook.com	X				X	X
Yandex Mail	X				X	X
IBM Notes	X					X
Roundcube	X					X
Apple Mail	X					
Mozilla Thunderbird	X					
MS Outlook	X					
IBM Domino		X	X	X		
MS Exchange Server		X	X	X		



Oracle Communications Messaging Server		X	X	X		
Exim		X	X			
Halon		X	X			
Postfix		X	X			
Sendmail		X	X			
Fetchmail				X		

- Determine test configurations for end to end testing. When proposing test configurations which require components from more than one provider, minimize the number of providers, as needed
- When proposing test configurations requiring components from multiple providers, ensure interoperability between such components
- When testing MxAs which are a part of an online service, spam filter functionality may be incorporated into the service. Testing should account for any results which are directly related to such spam filter functionality. Note that the methodology in UASG021A and UASG021B does not directly address spam filters or define any specific test cases for spam filters.

Courier, Gmail and XGENPlus were already tested in UASG021B. These components need not be tested again unless meaningful changes have occurred. For these component, where results from UASG021B are reused, these results from UASG021B should be integrated in the final report of this work by reference.

The organization or community offering the tool or service being testing will be informed at the time of testing and their contact information will be included as part of the deliverable.

The work item will undertake the testing and create a final report in agreed upon format.

Deliverables

For the Email tools and services identified:

1. Refine and undertake testing as proposed in UASG021A and as refined in UASG021B
2. Publish any updates in testing methodology
3. Contact information for the tools and services tested with details of the communication with them (for ICANN org to follow up)
4. Produced a report with testing results in a format based on UASG021B for all the tools and services without anonymization with any additional findings
5. Produce a presentation based on the report on testing

Timeline

- Tentative start date: 1 February 2020
- Tentative end date: TBD



Universal Acceptance

History (if any)

The review and evaluation are built based on the methodology published in [UASG021A](#) and the knowledge from the pilot evaluation published in [UASG021B](#).

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