UA Measurement WG Meeting
10 October 2022

Attendees
Nabil Benamar
Harsha Wijayawardhana
Bibek S. (Nepal)
Carine Malor
Cengiz Acartürk
Hafiz Farooq
Sarmad Hussain
Seda Akbulut

Meeting Agenda:

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1. Welcome and Roll Call
2. What to take up next from FY23 Planning?
    1. (M2) Gap analysis of
        a. E-Commerce Platforms
        b. Content Management Systems - Phase – 2
    2. (M3) Analyze impact of the use of HTML5 email field
        a. Impact of the use of HTML5 - UASG039
    3. (M4) Characterize how much Android platform limits acceptance of IDNs in web browsing
        a. How does UTS #46 differ from IDNA 2008?
3. AOB

Meeting recording
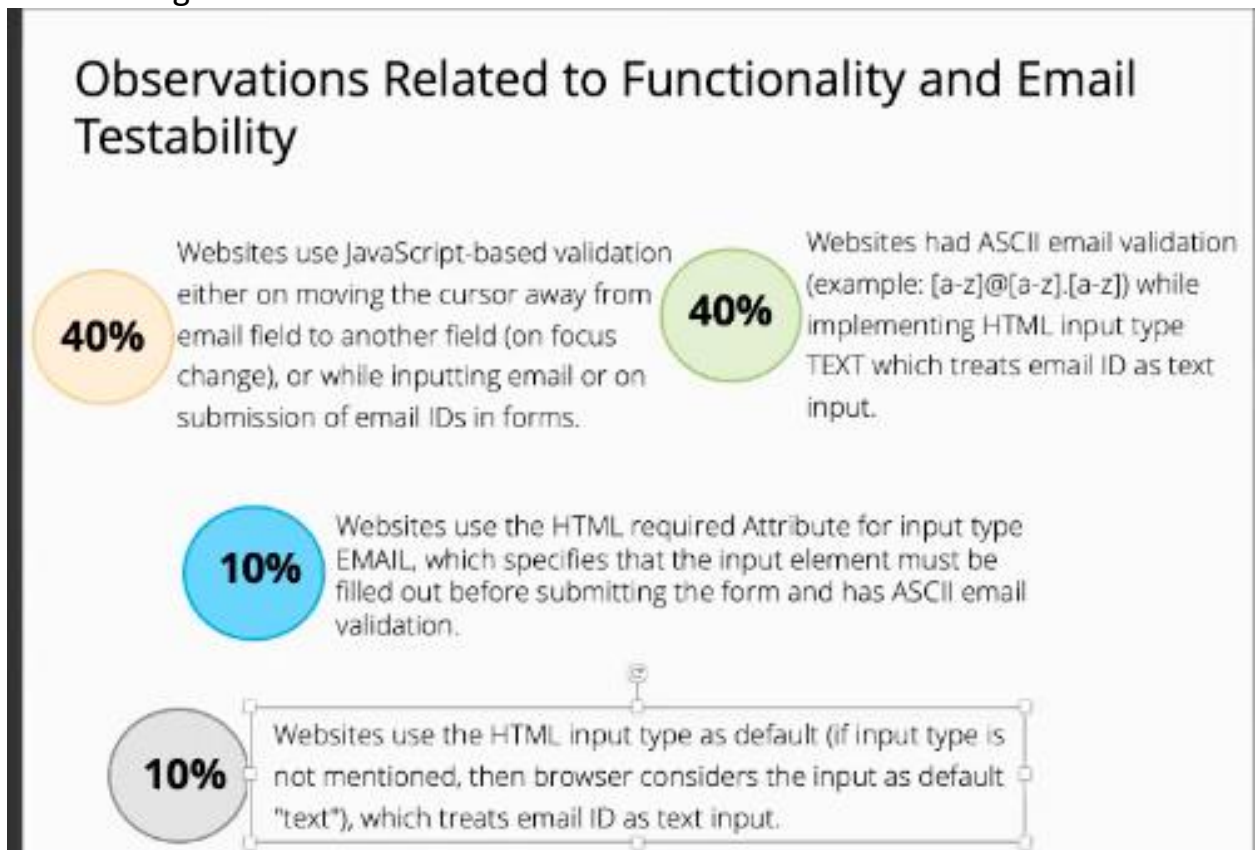https://icann.zoom.us/rec/share/__HrpOs35YGhZV176Do0kG9yrP9r3Oja0AB1tPn4HZGfBov_KB2Xc2PBNMtJQr1K.zp-uHGYfwxe1I4b2
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Meeting Notes
Seda welcomed everyone and shared the agenda topics about the actions mentioned in the FY23 Action Plan. The Measurement Working Group has five actions for FY23:

- M1 is about the Annual report that is already published on uasg.tech.

- M2 has several items; web hosting tools study has come to a final stage, being prepared for publishing. The work on identity platforms is ongoing by the vendor, and the updates will be shared in the next meetings. That leaves e-commerce and CMS to work on.

- M3 has not been worked on yet. Seda mentioned that we have one sort of data about HTML5 in the UASG039 report. There is a 10% note about the HTML input field, (see picture below, the last item) which is related to "HTML5" only.

  In terms of HTML5 input tags/attributes (such as TEXT/DEFAULT/EMAIL) used in 2000 top global websites tested, there is an observation about HTML5 covered in Report UASG039 page 7, point ii "Observations Related to Retesting of Websites".

50% use HTML type EMAIL as input	This attribute validates email by the browser itself and not by the programmer. The browser accepts ASCII email box/local part of the email, and thus does not validate Internationalized email, and does not allow Unicode characters before @ symbol.)
40% of websites use HTML type TEXT as input.	With this attribute browser does not validate input email. However, the programmer has to write code for validation of the input email whether the email is in the right format or not.
10% of websites use HTML type DEFAULT as input.	

To support EAI using HTML5, programmers have to either write their own code for input email validation or use existing IDN libraries.

The working group may consider further analysis to find out the impact of the HTML5. In the UASG039 report, it is also recommended having engagement with WHATWG and W3C for supporting Internationalized mailboxes in HTML5 to help resolve this issue.

Similarly, Sarmad mentioned that this M3 actionable item requires not only analysis on the impact of HTML5, but also requires interaction with the WHATWG and W3C. The new UA Tech manager role, that is going to be filled in a few weeks, will focus on remediation and may also look into this matter. Therefore, Sarmad suggested coming back to this topic once we have that person onboarded. Seda referred to UASG040 about the suggested actions for WHATWG.

- M4 has been a topic that was inspired by the bug report (Kotlin-Android-okhtttp) submitted in UASG037 report. The WG members were discussing this issue via email. Nabil shared that this is an important one and we should continue working on this item. However, as a WG we need to study on this for a bit to have a roadmap. Sarmad suggested Seda sharing the email communication with the WG and asked **everyone go through these emails and gather some additional information until the next meeting**.

Hafiz raised the blocking matters due to cybersecurity systems, which would be also important for the WG to look at in future. Harsha appreciated this idea. Hafiz shared a link in the chat for the WG to consider for future plans: https://umbrella.cisco.com/blog/nlp-apt-dns

Next meeting agenda is set as to start working on M4 action item, and getting more updates on identity platforms work.

Next meeting: Thursday 20 October 2022 UTC 1600-1700

Action items

No.	Action Item	Owner
1	Share the email communications about Android URL library okhttp issue with the WG members (also see here, and archive)	Seda
2	Review the email about M4 and gather relevant information to help start building a roadmap.	Measurement WG
3	Start working on M3 when the UA Tech Manager is onboarded	Measurement WG