

# UA Measurement WG Meeting

28 July 2022

## Attendees

Sushanta Sinha  
Julien Bernard  
Jim DeLaHunt  
Sarmad Hussain  
Seda Akbulut

## Meeting Agenda:

1. Welcome and Roll Call
2. Starting a new SOW for UA Curricula:  
<https://docs.google.com/document/d/1EXHWWMt-sO1BFwCjx6m2oC55gpuLusl3/edit#>
3. Discuss further on the following document about IDN in Google Chrome  
[https://chromium.googlesource.com/chromium/src/+main/docs/idn.md](https://chromium.googlesource.com/chromium/src/+/main/docs/idn.md)
4. What to take up next from FY22/FY23 Planning? Some options are:
  - a. Gap analysis of
    1. E-Commerce Platforms
    2. Content Management Systems - Phase – 2
  - b. Characterize how much Android platform limits acceptance of IDNs in web browsing
  - c. Analyze impact of the use of HTML5 email field
5. AOB

## Meeting Notes

### Academia Outreach and SOW on Academia

Sarmad shared the last discussion item from the last meeting. He shared that a proposal for an advisory panel was sent to the community and 23 people showed interest so far. No shortlisting will be done, and anybody can contribute. Sarmad asked whether a separate meeting should be organized for further discussion with the advisory panel, or they can be invited to the regular Measurement WG meetings. As the curricula work can take multiple months, Sarmad stated that

there is a good reason to spin off the Academia work, and let the Measurement WG to work on other action items.

It is decided to continue the Academia topic in the next meeting.

Jim appreciated that many people are interested in this, and he shared that he was glad to read some comments. He stated that he cannot be a part of academia meetings.

Seda shared the Technology working group has a similar action item. Sarmad stated that it will be good if they are also part of that separate meeting. After connecting with Nabil, this can be finalized.

### **Document about IDN in Google Chrome**

<https://chromium.googlesource.com/chromium/src/+main/docs/idn.md>

Jim shared that the document is more about Google chrome security policies. He had sent an email to Measurement WG, and he shared a [link](#) to that thread for that email. He proposed to summarize that message. The basic origin of the task is one Android library called okhttp, where Julien contacted developers to fix the bug as part of the UASG037 work.

Developers refused to change the way okhttp works because they want to be compatible with Android with Chrome browser, which uses IDNA2003 instead of IDNA2008. Jim shared that it is a good chance to understand what are the deep level technical aspects which will make a developer not accept universal acceptance. Julien stated that we need to persuade Google to accept IDNA2008 as others also follow Google.

**The basic topic is understand this rejection and understand how big the technical issue is and how widespread it is and what it would take to overcome that objection.**

Jim asked Julien which specifications of UA are broken by IDNA2008 to IDNA2003. He gave an example of some German domains with “ß” converted to double “S” and don’t work as expected. He summarized it as script compatibility issues. Julien also mentioned about a ticket he closed yesterday. Somebody or a contractor should be staying in touch with such maintainers. He also agreed to Jim that we should follow up on this with Google.

Jim thanked Julien and shared that this is really good information, and it can help us in many terms. Jim shared that there can be multiple things to adopt at this point. We can analyze what kind of impact sticking with IDNA2003 will have on UA and what are the arguments we can present to Google developers to upgrade to IDNA2008. Jim asked Julien to share the ticket related to bugs in the Android platform. He shared the [link](#) to it. Jim defined this bug resolution without fix as supply demand paradox as nobody's using it, they don't need to fix it.

Julien explained the bug and description to Jim. One solution he provided was to provide a fix to developers in the form of a patch. Jim asked Sarmad and Seda how UASG could hire someone to fix the issue.

Sarmad mentioned that a new member as a UA Technical Manager is joining in 2 or 3 weeks, and he can be requested to take up this action item along with a prioritized list of other similar items. We will need to list issues that differentiate IDNA2003 and IDNA2008. Jim appreciated the idea. Sarmad shared that the person will be taking up the gap analysis and reaching out to organizations and encouraging them to adopt UA.

Jim invited everyone, especially Julien, to respond to his email.

Jim and Sarmad discussed analyzing the bugs, coming up with a good description and deciding the priority of each task before the joining of the UA Technical Manager. It will be easy to ask for his help on each item.

Jim summarized the decisions

1. Measuring the impact sticking to IDNA2003 (Measurement WG)
2. Understanding the bug mentioned in email and make a better description for technical manager

Sarmad stated that another approach could be to let the person join and give us feedback. Jim asked if anyone could volunteer to read his email and comment. Julien volunteered and stated that he will do his best. Jim appreciated the efforts of Julien.

### **Analyze impact of the use of HTML5 Email**

Jim explained the issue which was taken up based on UASG039. He stated that the result of the analysis is against UA and now Measurement WG needs to analyze how big of an impact it has. To understand the impact, we need to know what proportion of websites forced ASCII because of HTML5.

Sarmad shared his understanding of the task to check websites with email fields if they have html5 tag or some other mechanism. He asked if the task should be limited to previously tested 2000 websites (UASG039), or a broader version is required. Jim shared that 2000 is a good start. Sarmad stated analysis of 2000 websites will result in anecdotal data. Jim stated that he is not sure of it, but more data is better as it will lead us to understand if HTML5 is a big problem or not.

Sarmad agreed and suggested starting with 2000 websites and deciding based on the result of this to either continue to broader aspects or not. Sarmad asked Seda to connect with Evaris as they are already collecting such data and discuss if they can accommodate such requests.

Seda stated that UASG039 has already revealed some similar data. She shared that and asked Jim if it is relevant. Sarmad shared that this can be clarified with Evaris team if this is what Measurement WG is looking for. If clarified, we may not need to make a new SOW for this.

Next agenda items are set to follow up on these topics:

- b. Academia Outreach and SOW
- c. HTML5-UASG039 from evaris
- d. Response to Jim's email on IDNA2003-2008

**Next meeting:** Thursday 11 August 2022 UTC 1600-1700

### Action items

No.	Action Item	Owner
1	Decide on whether to organize a separate academia meeting or hold the academia work in the regular meetings	Nabil
2	Read Jim's email and give feedback: <a href="#">link</a>	Measurement WG
3	Connect with Evaris to ask for clarification on data	Seda