

UA Tech WG Meeting

27 September 2021

Attendees

Satish Babu
Jim DeLaHunt
Marc Blanchet
Rajiv Kumar
Abishek Mishra
Vadim Mikhaylov
Seda Akbulut
Sarmad Hussain

Agenda

1. Welcome and roll call
2. Python Training Slides Review
3. Collaboration with UA Comms WG on
 - a. Content Matrix
 - b. Sub-group for SOW on Explainer Videos
4. Discuss UA challenges under FY22 Action Plan
5. Activities for additional stakeholders
 - a. TLD operators and registrars
 - b. Academia
6. AOB

Meeting Notes

In this meeting, Python training developed by a contractor was discussed in detail. Background of Python training is that Java training that was developed previously for developers is converted into Python based on community demand (mainly by the local initiatives in Russia and CIS-EE). After getting the feedback from related working groups for this draft version of the Python training, we will provide the contractor with the feedback and then it will be finalized and published.

Some suggestions/comments on the [Python Training slides](#):

- We will request the contractor to share code snippets of the python training as well in addition to the presentation.
- It was noted down to define all acronyms in the slides where they are firstly used. . E.g., DSN is not defined in the slides.
- Commentary access is requested by the members to leave feedback.
- Some minor changes in formatting were suggested. Some parts are written with almost invisible format (E.g, "Unicode-Where it all begins) There should be a consistent formatting.

- Editorial review is needed for all slides (E.g, Basics of Unicode and its (not it's) Forms)
- It was also suggested to include Latin based examples instead of Devanagari that were included in slides (E.g, page 11) Examples that include “e” and “é” were used in Java training. Unless the slides are used in a specific region, like India, then Devanagari examples are not relevant.
- Audience for this training needs to be defined which is average python developers who are unaware of UA. The training in general is to help them know the important things required for UA that developers ought to know.
- The space in the domain name needs to be removed (It should be like this: xn--h2brbk1b0bdb)
- It was also suggested to add reference to test cases discussed in slides that are present in detail in UASG026. Page 17 needs to include that reference information as UASG026.
- Branding of the contractor will be excluded in the slides once the slides are finalized.
- Spending time on the Socket, Hostname Resolution should be not more than 30 seconds as it is not commonly used in today's programming. This should not come in the first place as there are more important areas to mention. The flow of the slides can be reorganized. The logical sequence of the entire document based on a sequence of steps relevant to developers. Sockets and validators pages need to be in reverse order.
- Python2 is obsolete and should be excluded.
- Kjcd library were discussed to be included or not. It is the only reliable library for IDNA so far and it is requested to include it into Python package. Unless it is included into the standard library, we need to use it separately. When using a library, that is not a standard one, we need to give complete reference to the library that we are suggesting using for developing trust. Where to report the bugs and report to Python developers can be included in slides.
- In validation options, it should provide a decision-making reference so as to which one will be used in what situations.
- Another thing missing in the presentation are the design choices between U-Label and A-Label. For instance, you should pick one of them, U-label for display and A-Label for transmission. What format can be used to dump data into the database. For example, if you store data in A-labels you won't be able to sort it then. This thing is included in design of Internationalized applications. We can include this task in WG Action Plan to make a list of fundamental design issues when working with IDNs and UA because this design process is not a scope of this presentation.

Collaboration with UA Comms WG on

The second meeting agenda was further discussed. UA Comms WG is currently working on dissemination of UASG reports. Comms WG wants help in which document to pick for dissemination and prioritize those documents also. Comms WG also needs help on explainer videos and wants some volunteers to be a part of a subgroup that will work on scripts of videos.

The agenda of the next meeting was identified as discussing more collaboration with Comms WG.

Next meeting: Monday 11 October 2021 UTC 1600-1700

Action items

No.	Action Item	Owner
1	Make a list of fundamental design issues when working with IDNs and UA and add it to FY22 Action Plan.	Sarmad
2	Inform Maria that Satish will be attending subgroup calls to get more idea on how to move on task of explainer videos	Seda