

## **Report on IETF116 Meeting Participation**

I have summarized my experience of the IETF116 meeting as described below.

### **Preparations for the Meeting**

The IETF space is so big and its meeting sessions can become overwhelmingly cryptic if preparations which include focus area selection(working group preference identifications) and setting participation objectives are lacking. It has been awhile since I attended IETF face-to-face meetings and cognizant of this fact I allocated significant amount of time to read selected RFCs of working groups of interest prior to the meeting. This time given that I am attending IETF116 meeting as RSSAC caucus members means my sessions selections had to be influenced by DNS first spirit. One of the OCTO publications document, that is, IETF Year in Review for 2021 document helped me to identify working groups working on DNS related themes.

### **Sessions Attended**

The following are list of IETF sessions I attended over the March 25-31 period:

- ppm- Privacy Preserving Measurement
- dnssd- Extensions for Scalable DNS Service Discovery
- jmap - Jonson Mail Access Protocol
- dtn- Delay/Disruption Tolerant Networking
- tls- Transport Layer Security
- dance- DANE Authentication for Network Clients Everywhere
- ohai- Oblivious HTTP Application Intermediation
- bess- BGP Enabled ServiceS
- iccr- Internet Congestion Control
- maprg- Measurement and Analysis for Protocols
- dnsop- Domain Name System Operations
- opsec- Operational Security Capabilities for IP Network Infrastructure
- add - Adaptive DNS Discovery
- netmdd- Network Modeling
- pquip- Post-Quantum Use In Protocols

### **Summary**

Attending the IETF116 meeting has helped me solidify my understanding of a plethora of issues that surround the Internet technology and beyond. From grasping domain specific terminologies to understanding current trends in the protocol space including preparation for post quantum use in protocols. I am keen to join selected working groups in the immediate future- shortly I will be taking sometime for taking stock of my participation in the IETF116 meeting and identify working groups of interest to join and contribute.

### **Personal Observation**

Session in the Delay Tolerant Networks working group caught my attention in one thing. Internet drafts which have almost reinventing of the wheel flavor were presented. They have one eye catching phrase- "BP is not IP or BP !=IP". There were proposals to bundle http (not https) over BP, SMTP over BP. I can see the working group knocking IANA's door for new service or port number requests very soon. Does developing BP which copies/replicates everything from IP worth pursuing? I understand that these BP proposals have no similarities/parallels with the New IP proposal. Like it did for the new IP proposals I wish the OCTO looking at these issues and produce a publication on the merits of bundling of application layer services and others in BP.

I would like to thank RSSAC and ICANN for giving me the opportunity to experience the inspiring ambiance of the IETF meeting.