Agenda for Contractual Networking side meeting at IETF 112.docx

https://trac.ietf.org/trac/ietf/meeting/wiki/112sidemeetings

Tuesday, 10am – 11:30am  
https://github.com/charliep51/ietf/blob/main/Webex\_Meeting112.ics

* Introduction: Contractual Networking
  + Loose definition and relevant subtopics
* Agenda bashing
  + This is not an official IETF WG meeting
  + Please Note Well: <https://www.ietf.org/about/note-well/>
  + The session is not planned to result in WG formation
* Recordings: https://registration.ietf.org/112/
  + Links will be made available after the meeting
* Setting the stage
* Incentives for specific packet handling
  + Ken Calvert <ken@calverts.info>
  + https://... A Vision for a Spot Market for Interdomain Connectivity
  + 15 minutes
* Network Verification in the context of network SLAs
  + Ratul Mahajan <ratul@intentionet.com>, CEO of Intentionet
  + https://...
  + 15 minutes
* Title TBD
  + Stefano Salsano <stefano.salsano@uniroma2.it>
  + https://...
  + 15 minutes
* Additional Speakers TBD
* Hexa-X (Hannu Flinck) (12 minutes)  
  https://github.com/charliep51/ietf/blob/main/Hexa-X%20IETF%20111%202021%20overview.pdf  
    
  6G is projected to impose new network layer requirements. This presentation will outline the Hexa-X project and summarize network layer gaps and requirements, including the AI/ML components.
  + Questions
* Network programmability - (r)evolution of IP (Stefano Salsano) (12 minutes)  
  https://docs.google.com/presentation/d/1L07MwuT-UtT-qDBr7kRboewJS6cf8fV0TELvndKjVSk/edit?usp=sharing  
    
  Network programmability can impact the design of future network layer protocols in various ways. On one hand, network nodes can be reprogrammed at hardware level to support new protocol features. On the other hand, network level PDUs can carry complex "network instructions" or "network programs" to influence the processing of the packet at node level and at network level. Network programmability can already be used to implement advanced network monitoring, service function chaining, and could be extended to support contract-based network layer.
  + Questions
* General Discussion
* Next Steps