2022-11 - Plenary: LFN CTO Vision - The Metaverse and beyond

Topic Leader(s)

Ranny Haiby

Topic Description

60m, Ranny Haiby

Revisiting the vision from the Porto D&TF and looking forward to what the Metaverse and other trends will mean for our communities

Topic Overview

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Slides & Recording

LFN_DTF_NOV_22_Metaverse.pptx



Minutes

Slides from Porto were recapped

Metaverse

- No real consensus on what the definition of the metaverse is beyond a mash-up of the virtual and physical world. Certainly more than just virtual 3d.
- LFN communities are the plumbers of the metaverse
- much more stringent round trip latency which pushes against the laws of physics with regards to distances.
- the need for resilient synchronization are relatively high.

What does all of this mean to our projects?

- Beth Cohen carriers probably won't just the providers of dumb pipes.
- Muddasar Ahmed likely to be many folks that monetize different aspects efficiently -
- Robert Varga CDNs have been around for a long time, as is the problem of an application performing resource selection based on network-based
 "closeness". An example is Application-Level Traffic Optimization and the RFCs produced at IETF (https://datatracker.ietf.org/wg/alto/documents/).
 Attempts with APIs have not gotten as much traction. The API piece may need to be revisited
 - Ranny Haiby CAMARA project may be a path for this
- The ability to decouple some of this will be covered in a FD.io session tomorrow