Some topics of interest

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More than Just TVR

Time variance is a key attribute in sat networking, with system capabilities changing (often predictably) over time

- Routing a clear candidate for a network function to use TV information

- But there are others of possible use for such information
  - Cache management
  - Service provisioning
  - Service routing (i.e., which replicated instance to choose)
  - Mobility management
  - Multi-homing control
  -> approach to go wider than TVR but utilize/build on the insights of this
      newly formed group

Latency Matters...

when connecting clients with possible service endpoints

- Hosting-enabled satellite nodes may change the game of service provisioning

- Dynamicity in selecting suitable service endpoints may be key

- But DNS resolutions are a hinderance at best, a possible showstopper even
  - Linkage to ROSA (routing on service addresses) discussions on possible improvements through in-band resolution signaling

- Linking to time variance aspect (see previous slide) may be key to accommodate predictable changes