ANIMA Intent discussion Virtual meeting

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- We can use the following questions in support to our discussion.
- Providing (written/offline) inputs to the questions may be useful for further developments.

Questions…

- Who write the intents?
- How many intents?
- How many domains?
- Agree on levels/hierarchy?
- Where/by what is intent processed/compiled?
- Flooding: what are the requirements?
  Propagation among who? How? Frequency… -> if many "overlapping" intents, (partial) updates may become frequent.
- How understood by node/ASA…? -> model, dictionary…
- Can an ASA write an intent, e.g. for another ASA?
  What about coordination or knowledge writing/receiving intents? Are these functions ASAs/other things..?

Examples

- Do the right thing
- Freeze network enrolment
- Arrange VM guest distribution so that (CPU) utilization is < 70%
- Assign prefixes to RAN nodes
- Protect premium users traffic
- Maximize energy savings
- …

Exercise

- Let's try to combine 2+ intents together and map them to corresponding nodes/ASAs, and imagine what conflict/overlap may occur and how to solve them using different conceptions / functional design of how intent may be arranged in an ANIMA network…