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...