TST Meeting 2017/02/01

Multiple Device IDs for the Same Device

(Andrea Campanella)

https://docs.google.com/a/onlab.us/document/d/1XxNDMJ4Yub2r8gLGsigGt5Kqmz2Ea5aii2i5KpxQqdo/edit?usp=sharing

How to coordinate resource reservations across complication of multiple separate, but related intents

 (Luca Prete)

https://docs.google.com/presentation/d/1_MWVZ8kfOSLxi9Yf8Ohvvz_Z8LNVSHaOeOi8ulWAEHk/edit?usp=sharing

- Use "resourceGroupId" or something similar that better conveys the parameter's semantics
- Resource group/pool should be recognized where resources are allocated (i.e. as part of the API)
- Can the resource group be expressed as part of the constraint (rather than the intent level)? This will give us more granularity without increasing complexity.
- Who will be responsible for reference counting the resource group and freeing resources?
- Yuta's suggestion: with respect to the Intent API, it makes sense to reuse the existing `bwConstraint` feature by supporting `bwConstraints` that share a bandwidth pool across multiple intents. This way the Intent API doesn't change - we simply allow a new flavor of `bwConstraint`, or we extend `bwConstraint` to support sharing.