

Authors

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1. Context

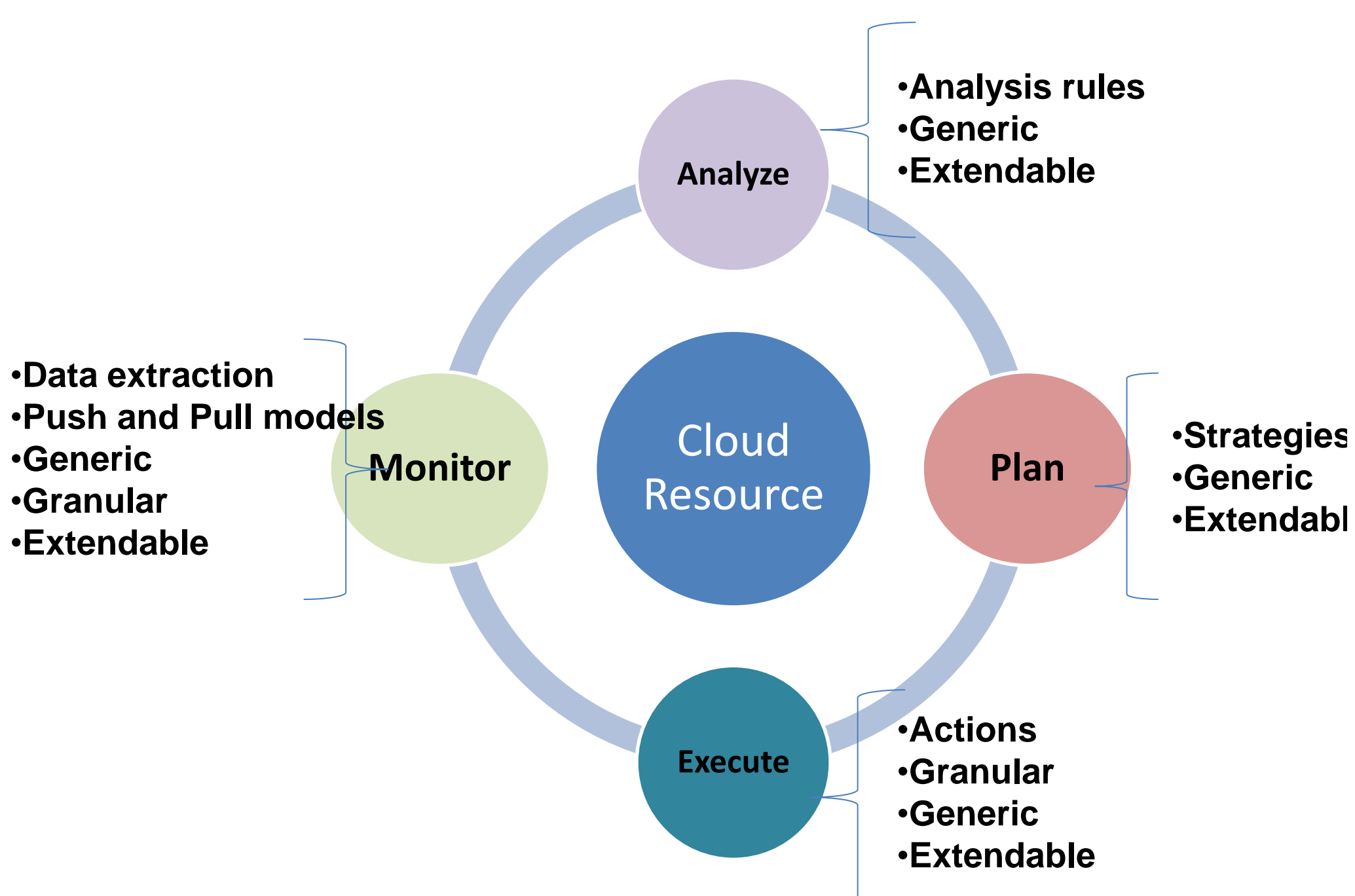
Cloud Computing environments:

- Massively scalable
- Dynamically configured
- Delivered on demand
- Heterogeneous resources

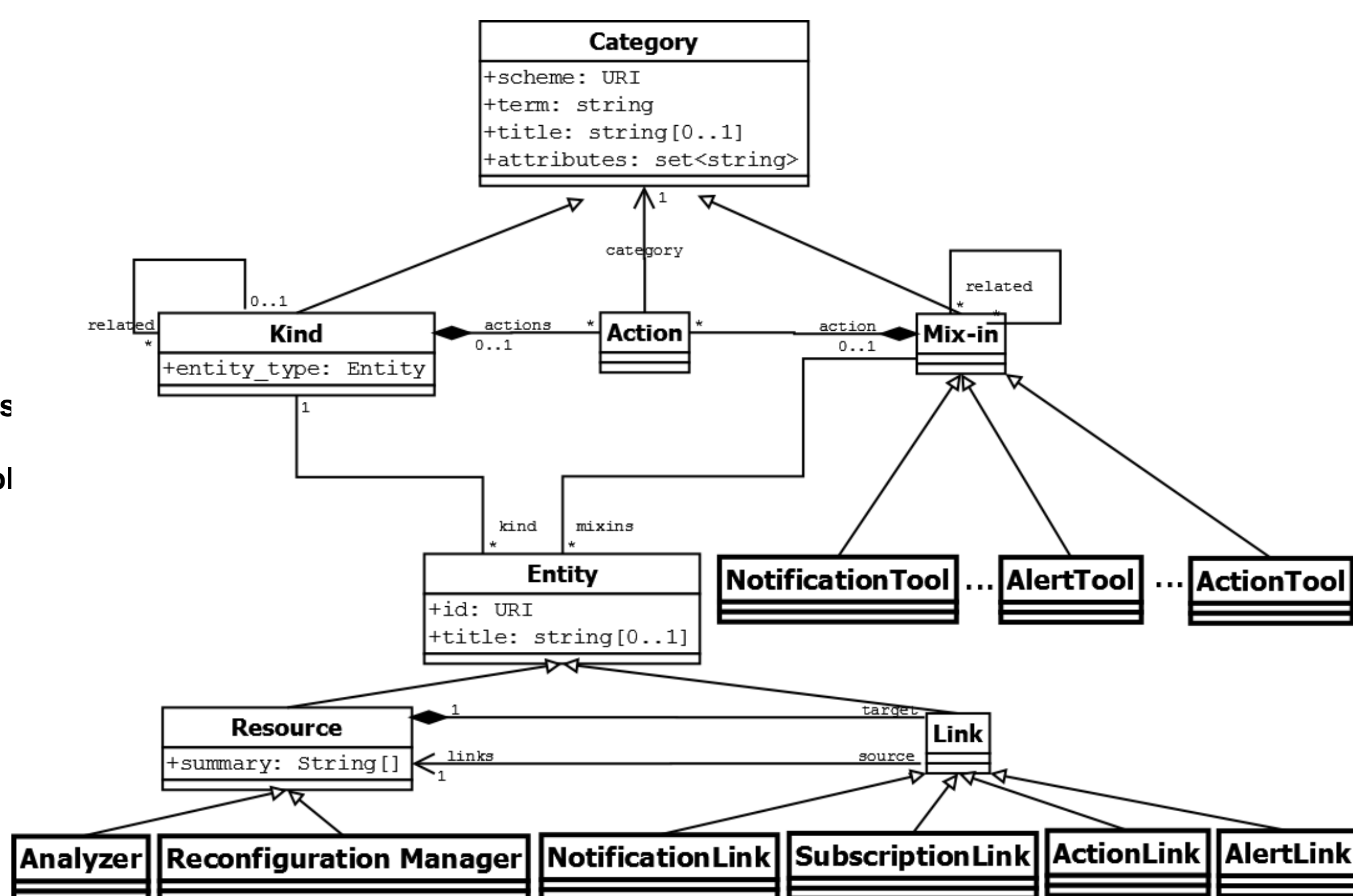
2. Objectives

- Define a model for a standard description of Monitoring and Reconfiguration requirements
- Generic Monitoring and Reconfiguration solution independent of the Cloud Service layer
- Extensible and granular solution

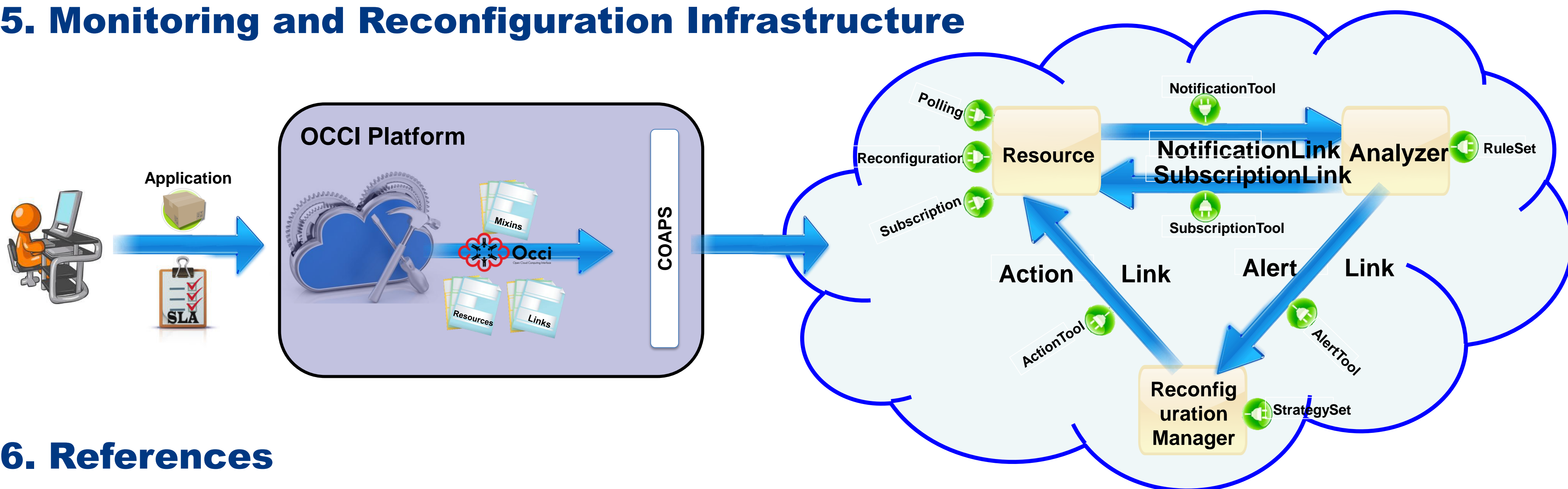
3. Monitoring and Reconfiguration requirements



4. OCCI defined Entities and Mixins



5. Monitoring and Reconfiguration Infrastructure



6. References

- M. Mohamed, D. Belaïd, S. Tata, "Monitoring and Reconfiguration for OCCI Resources", in *IEEE International Conference on Cloud Computing Technology and Science, CloudCom'2013* Bristol, UK, 2-5 December 2013.
- M. Mohamed, D. Belaïd and S. Tata, "Adding Monitoring and Reconfiguration Facilities for Service-based Applications in the Cloud", in *IEEE International Conference on Advanced Information Networking and Applications, AINA'2013*, Barcelona, Spain, March 25-28, 2013.
- R. Nyren, A. Edmonds, A. Papaspyrou, and T. Metsch, "Open Cloud Computing Interface - Core," Tech. Rep., 2011.
- COAPS: a Generic Cloud Application Provisioning and Management API, <http://www-inf.telecom-sudparis.eu/SIMBAD/tools/COAPS/>
- OCCI4Java Platform and Application, <http://www-inf.telecom-sudparis.eu/SIMBAD/tools/OCCI/>