A TTCN-3 Testing Framework for OCCI-controlled Cloud Ecosystems
- Towards standardized Cloud Quality Assessment

Presented by Yongzheng Liang
UCAAT 2013 – 2015 and beyond

- 2013 Liang: testing some ETSI CSC OCCI use cases
- 2015 Liang: testing all CSC OCCI use cases; elasticity; test system improvements; CLOSER 2015
- Positive OCCI and TTCN-3 standards evolution
- ETSI CSC, NIST CC 2nd Phases – no emphasis on tests
- ETSI MTS towards model driven testing: TDL Test Description - unaware of ETSI CSC and ETSI NFV
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- Evolving German Government “Industrie 4.0” candidate for SDN/NFV, i.e. Clouds. Strong standardized testing needs
- 2015 - FP7 Project MCN using OCCI-controlled OpenStack demonstrated 1-1 mapping to NFV functionality
- In principle: NFV and in turn Industrie 4.0 testability via TTCN-3/OCCI

See my Poster!