**Trusted Inter-Cloud Challenges**

**Abstract:**

This presentation is focused on trusted inter-cloud challenges from telecommunication’s perspectives. The technical background and ITU-T standardization effort are recalled. Main challenges for trusted inter-cloud related to appropriate metric for trust in inter-cloud environments and requirements for distributed management of trusted inter-cloud are indicated. Some of practical use cases of inter-cloud are highlighted. Finally, non-technical aspects of inter-cloud service as trust, resilience and reputation as well as new business models for trusted inter-cloud are presented and discussed.