ZSM and ONAP
Proposed areas for collaboration

Presented by: **Klaus Martiny, DT**   For: **ONAP - ZSM**

Chair ZSM

01.04.2019, San Jose

ZSM and ONAP as complementary efforts

- ZSM and ONAP are key initiatives for automated end-to-end network and service management and orchestration, aiming to enable agile service delivery and new business opportunities.

  - ZSM is focusing on specifications and Proof of Concepts (PoCs); it introduces an architectural framework for zero-touch network and service automation providing modular and interoperable solutions for domain management and end-to-end cross-domain service management.

  - ONAP is focusing on implementation and validation; it provides a comprehensive platform for real-time, policy-driven orchestration and automation of physical and virtual network functions that will enable automation of new services and support complete lifecycle management.

  Both organizations see real-time data collection, analytics and orchestration as key technologies for closed-loop automation.

- It is essential for the two organizations to work with full synergy and alignment, helping the industry to converge.

ZSM and ONAP: possible areas for collaboration

- The ONAP platform can be used to implement ZSM management domains, the ZSM end-to-end cross-domain service management, or management components such as 'data collector', 'controller' 'orchestrator', etc. ONAP modularization is an important enabler to achieve this.

- Cooperation between the ZSM and ONAP may focus on modularity supported by the integration fabric and data services. This includes the aspect of a service-based management architecture as specified in ZSM and 3GPP SA5.

- A further topic for later cooperation may be to align the various service APIs.