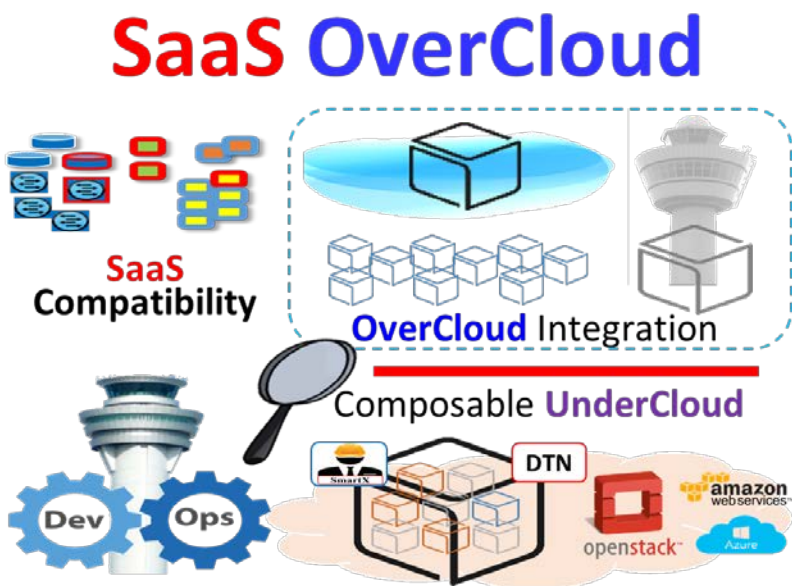


Open Networking Korea 2017 Spring

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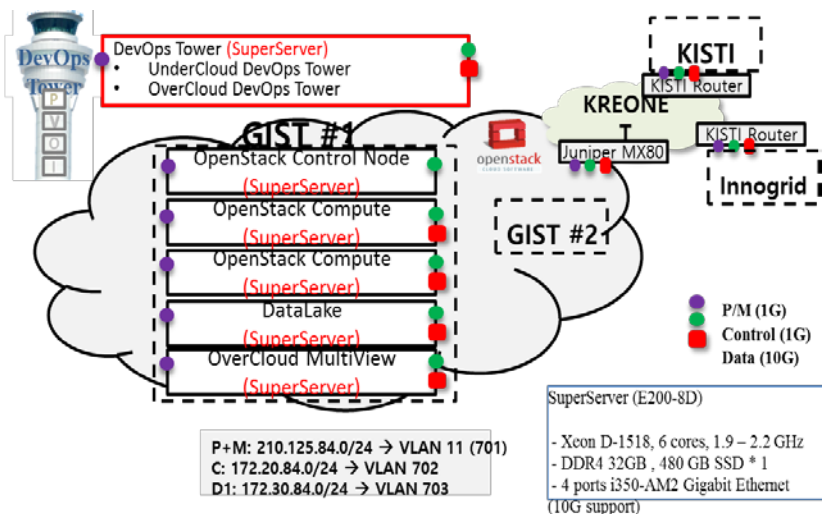
Workflow-based 3-tier Application over SaaS OverCloud

What is SaaS OverCloud?



SaaS OverCloud is overlay-based cloud concept for SaaS compatibility over hybrid and multi-site clouds

Open Playground for OverCloud



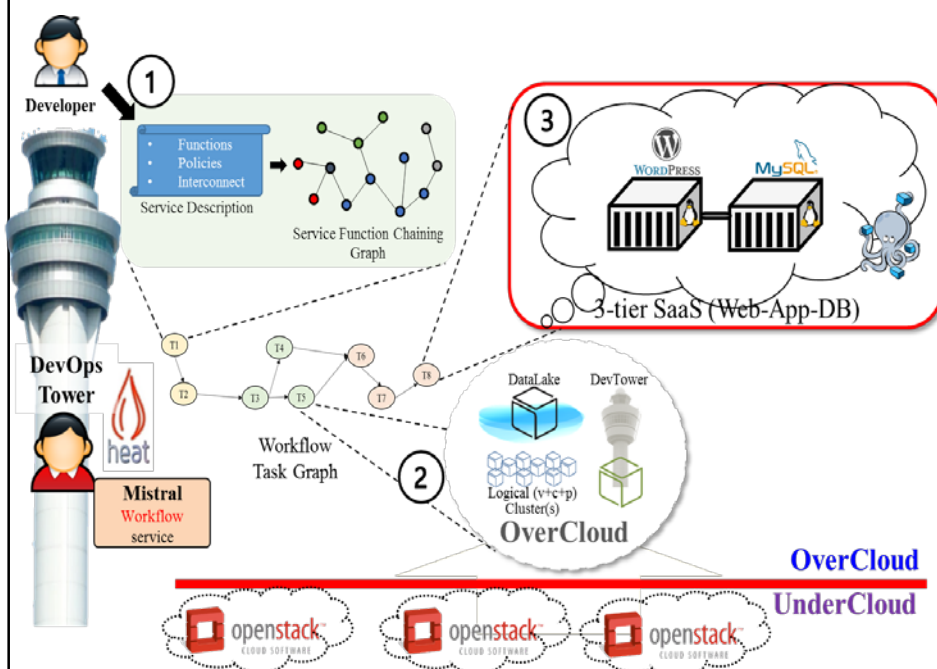
OverCloud

- Overlay-based cloud which consists of tower, logical clusters and DataLake

UnderCloud

- Collection of physical ICT resources consists of Hyper convergence boxes

3-tier basic SaaS Application over SaaS OverCloud



OverCloud Orchestration

- (1) Dynamic Connection between OverCloud resources (Logical clusters) and Services by Service Description
- (2) Workflow-based task graph using OpenStack Mistral
 - OverCloud Deployment
 - Logical Clusters
 - Tower
 - DataLake
- (3) 3-tier SaaS (Web, App, DB) over OverCloud
 - Web (WordPress) + App (Nginx) + DB (MySQL)
 - Service Description from developer (users)
 - Container-based function chain deployment using Docker compose