2021-02-04 - Anuket - Reference Implementation and conformance update with SDN

Topic Leader(s)

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Topic Overview

Functional and Performance testing of (RI-1) Open Stack and Tungsten Fabric. Functest for functional tests of OS, VSPERF used to measure performance/benchmarks.

Slides & Recording

LFN-DTF-Feb2021-RI1TF.pdf

Anuket_RI_with_SDN.mp4

Minutes

Talk development Problem - Pod jump host crashed, re-assigned roles. Node 5 becomes Jump host and only one compute/workload Node 4, TF controller runs on nodes 1-3

Deployment of Contrail/vMX went very easily (virtual router). Control uses BGP for the vMX, creating tunnels between vRouters (vR) or between vRouters and external gateway. Separate interfaces for management and workload to workload communication (between hosts).

Status - started Functest suite, no performance tests yet.

Displayed some OS of the current connectivity and deployment.

Action Items

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