

China Telecom NFV lab trial: decoupling of VNF/Hypervisor/Hardware/MANO



Presentation Abstract

One objective of NFV is to use industry standard hardware to run proprietary software to accelerate the onboarding of new services, as well as to save the CAPEX by reusing the hardware. NFV architectural framework contains three main components, including NFVI, VNF, and MANO. NFVI is composed of hardware resources and virtualization layer. MANO contains Orchestrator, VNFM, and VIM. All these components can be from different vendors during network deployment, and therefore how to make them interwork well with each other becomes a significant issue. China Telecom has done some lab trial with several partner vendors to demonstrate the possibility of decoupling the VNF, Hypervisor, Hardware, and MANO, etc. This presentation will give brief introduction of this work.