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The VNFO – Ripe for Change

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Abstracts

Change is the only constant in life. Virtual Network Function Orchestrators (VNFO), or MANOs, are no exception to this rule. The change confronting the technology is however monumental in nature.

From the conventional MANO to the trailblazing Nephio with Kubernetes and a bevy of proprietary and open-source projects, the MANO is perceived differently by enterprises and telcos. Add edge-computing and service orchestration to the mix and the VNFO definition itself becomes a mindbogglingly fluid entity.

This report will remove the clutter surrounding VNFO and put hard numbers on its market size with clear-cut inclusions and exclusions.

As always, we speak to a wide spectrum of stakeholders; which becomes increasingly important when forecasting the market size of a measurable as complex as the NFVO.

Highlights

The VNFO, or the NFVO, or the MANO, or the NFO is the most fluid among the already fluid terminologies in the NFV domain. The term often gets intermixed with service orchestrators, SDN controllers and even OSS/BSS. This market is a heady mix of IT virtualization, including containers, microservices and VMs; cloud computing in all its glory and cutting edge programming concepts matching wits with the extremely conventional network function engineering methodologies.

Dissecting this market is that much more difficult, but we did it!

Scope

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The Executive Summary provides an overview of the market size of one of the most exciting element of NFV – the orchestrator.

Chapter 2, The Journey of NFV, highlights the different stages and phases in the journey of the orchestrator from VMs through containers and everything in between and beyond.

Chapter 3, Open Source Initiatives in VNFO and Allied Areas, captures the role played by the vibrant open source community in literally shaping and defining the fate of VNFOs.

Chapter 4, Open Source Initiatives in VNFO and Allied Areas, visits the other pole in the NF developer equation – the OEMs and other proprietary outfits.

Chapter 5, Telco Initiatives, looks at how leading telcos – the principal consumers of NFV have internalized and or struggled with the NFVO.

Chapter 6, Quantitative Forecasts, covers the quantitative forecasts in providing ringside as well as inside views of the NFVO markets by breaking them along end-applications. Each end-application in turn is broken down by user profile, geographical region, virtualization methodology, product profile and deployment location.

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