Hewlett Packard Enterprise

Embrace the promise of NFV

HPE Trusted NFV Platform Transformation

The HPE Trusted NFV Platform Transformation is an end-to-end approach designed to help you transform your infrastructure platform in support of the move to Network Functions Virtualization (NFV).

With HPE Trusted NFV Platform Transformation, you can lay the foundation for the potential of NFV to:

- Improve time to market

- Increase agility and flexibility

- Simplify management

- Reduce both capital and operating expenditures (CAPEX and OPEX)

Adapting to NFV

Communications service providers (CSPs) and network equipment providers (NEPs) are looking for ways to embrace the promise of Network Functions Virtualization (NFV). NFV implements many core network functions—including content accelerators, session border gateways, routers, firewalls, load balancers, and more—as software applications running in virtual machines on industry-standard platforms. This shared and common infrastructure helps increase agility and scalability, improve time to market for new services, and saves costs.

Based on a reliable, proven methodology

To take advantage of new capabilities that NFV can offer, you need to transform your underlying network infrastructure and management. And you need to do so without disrupting service continuity.

HPE Trusted NFV Platform Transformation is an end-to-end approach that's aimed at managing risk in your transformation journey. We've built this approach based on

our own network transformation process and our experience with global customers in many industries across a wide range of environments.

This approach starts with building an aligned current state, a future vision, and an actionable initiative roadmap of the transformational initiative. It then moves to discovery, design, validation, and implementation—wrapped in a high level of environment-wide support with HPE NFV Solution Support. These guided steps take full advantage of HPE differentiators, including:

- Rapid alignment across stakeholders

- Iterative technology and operations validation

- Business-critical deployment and support experience

- A laser focus on managing risk along the journey

- Management of change and program management

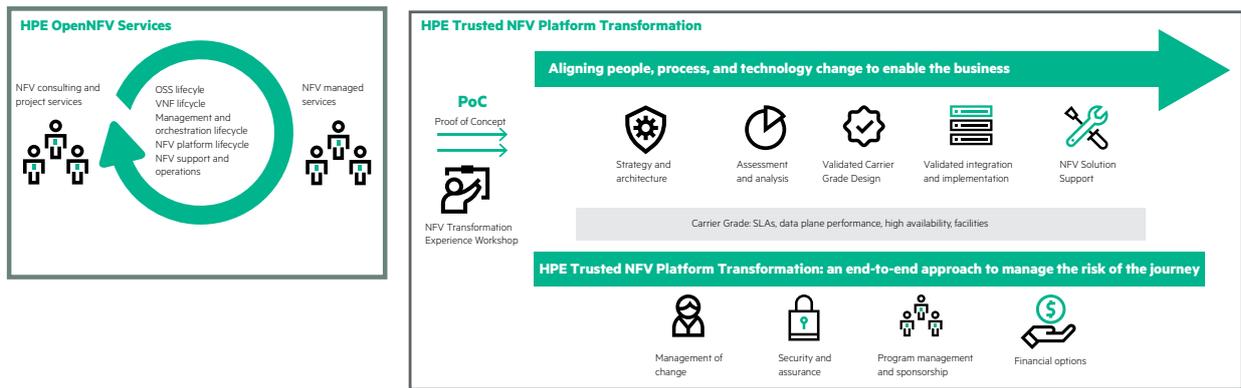- Financial options aligned to business needs

Figure 1. HPE Trusted NFV Platform Transformation

Improve agility in provisioning services

Having a traditional closed proprietary network with a tightly integrated technology stack means sacrificing the flexibility and speed with which you can deploy new services. With an NFV layered, open standards-based model, you can host your network functions on a shared common infrastructure and move them to various locations in your network as required without having to install new equipment. This enables you to introduce new services faster—with more flexibility and agility.

Reduce CAPEX and OPEX

With HPE Trusted NFV Platform Transformation, you can move many network functions on proprietary hardware and solutions to industry-standard infrastructure. Sharing resources within this heavily virtualized, common infrastructure helps reduce both CAPEX and OPEX.

Leverage our commitment to NFV and the OpenStack community

HPE is committed to NFV, having established executive committee support and an NFV business unit, and we're leveraging our very strong and broad portfolio from across the company. We offer end-to-end capabilities such as HPE Helion OpenStack cloud offerings, HPE Converged Infrastructure, HPE NFV Director, and virtualized network functions to address NFV.

HPE is one of the few companies in the world with both vast IT capabilities and a pedigree in the communications industry. And we have a history of helping to support the OpenStack community and developing OpenStack software platforms.

We have an established heritage of providing mission-critical enterprise IT services, and have deep domain expertise in telecommunications and technologies. We offer a full lifecycle of services for network, data center, and storage, as well as consulting and support expertise and global experience.

Take the first step with HPE

Aligning business needs with technology investments is a great place to start, and HPE can help. The HPE NFV Transformation Workshop (TW) brings together IT and telecommunications expertise, as well as a proven facilitated approach, to help you:

• Define and create an aligned vision of current/future state and transformational initiative

• Identify the benefits, scope, scale, and critical success factors

• Make informed business strategy decisions

• Plan your next steps in a roadmap—across business and technology stakeholders— with evidence of a desired end state, constraints, opportunities, and the bold steps needed to achieve success

• Identify quick wins

• Gain stakeholder buy-in and give traction to any next steps

Contact HPE today to begin discussing your transformation to NFV. Start with our one-day HPE NFV Transformation Workshop.

Learn more at
hpe.com/go/nfv

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