



# HPE TELCO BLUEPRINTS

## Network Functions Virtualization (NFV)



### OVERVIEW

HPE Telco Blueprints are validated reference configurations based on HPE infrastructure platforms and partner-sourced virtual infrastructure manager (VIM) offerings that are customized for specific NFV use cases. These blueprints are offered with automated configuration toolkits and documentation to simplify the install and build of the NFV infrastructure stack.

### FEATURES

#### Enhanced for Every Layer of the NFV Infrastructure Stack

Scalability via modularity.

Reliability with no single point of failure.

Accelerated performance.

#### Leverages HPE NFV Best Practices

Utilizes automated deployment and configuration of the NFVI stack to help reduce complexity and eliminate human error.

Incorporates infrastructure as code principles.

High availability design for telco workloads.

#### End to End Carrier Grade Performance

All system components are NEBS level 3 certified.

Tuned with optimal BIOS and NIC configurations.

NIC and storage performance characterization.

**Multi-vendor Components and Support for Open Platform Management**

Designed and validated with close technical collaboration from leading VIM and SDN partners.

Supported by HPE's broad ecosystem of system integrator and technology partners.

Incorporates open industry standards such as Redfish API.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

## HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

## HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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