

# HPE CONTAINER ADOPTION SERVICE

Drive container adoption in your enterprise

## CONTAINERIZING APPLICATIONS AND MOVING THEM FROM PREPRODUCTION TO PRODUCTION

Innovation is driving unprecedented demand for cloud-native applications and the containerization of traditional applications. Application developers are also adopting analytics, deep learning, and machine learning into their application lifecycle, leveraging containers. Market forces and competition require that you bring these innovations and capabilities to market faster than ever before. Continuous Integration/Continuous Delivery (CI/CD) best practice methodology and automation are essential to driving agility in your service delivery. In order to determine the right path forward when it comes to cloud-native applications, you need to

define your container strategy up front across your hybrid cloud. This would include determining container management platforms such as HPE Ezmeral Container Platform, Google™ Anthos GKE and GKE on-prem, Red Hat® OpenShift, VMware® Tanzu, powered by Kubernetes.

HPE Ezmeral Container Platform, powered by Kubernetes, helps your teams rapidly adapt in the age of application agility. The goals of the service are simple: faster time to application service delivery and lowering the costs and challenges of adopting the latest container strategies.

The service enables your teams to run your container platforms in either on-premises or off-premises in a truly scalable, standard, repeatable, and reliable manner using HPE IP and best practice for automated integration of your unique characteristics into your production environment.

### HPE POINTNEXT SERVICES CLOUD NATIVE COMPUTING SOLUTION VIEW

Standardized for a multivendor solution

We provide our customers with a Container Platform choice → based on their business objectives or current investments

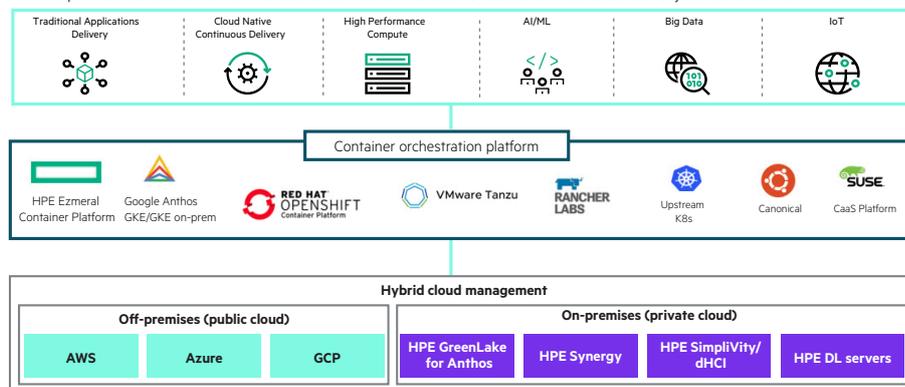


FIGURE 1. Container platform in hybrid cloud including HPE technologies for on-premises solutions

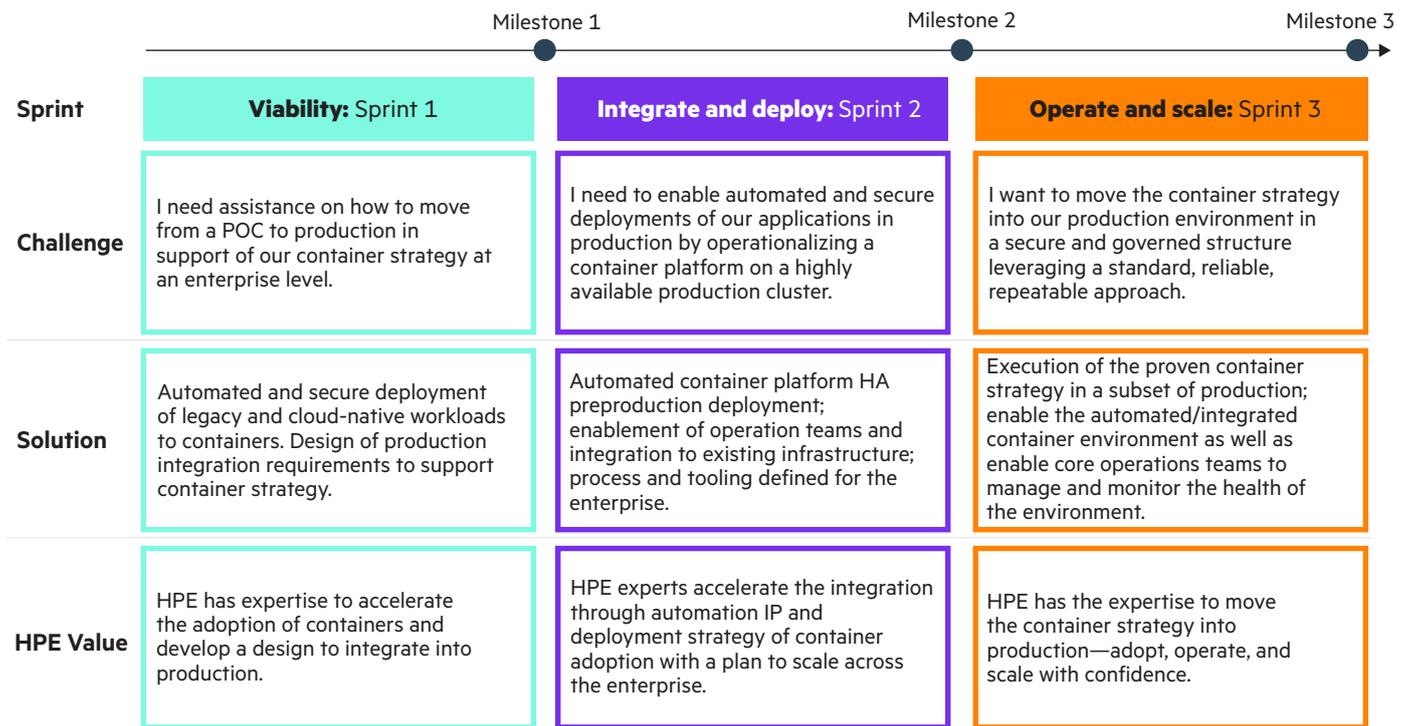


FIGURE 2. HPE Container Adoption Service

## EXPERIENCE

HPE Pointnext Services has years of experience transitioning the way customers develop and operate applications workloads. Today, container platforms are being leveraged for many use cases, including traditional applications, microservices-based cloud-native development, and cloud advanced computing, such as machine learning. Containers can also be an effective method to avoid vendor lock-in and enable a hybrid cloud service delivery strategy. Working with our container management partners, we have created the right architectures, networking, storage, and automation to help you speed up innovation, leveraging our combined technologies and experience.

## SERVICE APPROACH

The service is designed with three key strategic sprints aligned to your container service delivery strategy:

**Sprint 1** is the viability sprint, focused on developer experience and containerization. This sprint helps your developers and operations teams to create capabilities that deliver your applications or workloads in containers. Sprint 1 answers questions such as:

- What systems are integrated?
- How will your team deploy microservices-based applications?
- How do we secure and scale to meet business needs?

**Sprint 2** focuses on integrating containers into your existing infrastructure, coupled with a secure delivery pipeline in preproduction. This sprint includes deeper design discussions to help ensure all requirements are realized in the subsequent deployment. Preproduction tests are conducted to onboard workloads securely.

**Sprint 3** brings the integrated container pipeline into a subset of your production environment, helping assure what was built in preproduction works as expected in production. Also, application owners and ITops have the tools, visibility, and governance to start managing containers in your production environment, with confidence at scale.

## SERVICES FOR HPE EZMERAL CONTAINER PLATFORM

The services portfolio includes configuration, design, deployment, integration, education, and support for HPE Ezmeral Container Platform, and mitigate the deployment project risk, while simplifying the customer's operations.

**The services** include advisory, professional, and operational expertise. During the delivery of these services, HPE Pointnext Services experts work with the clients to coordinate planning, design, configuration, deployment, and validation of the solution in addition to the support and training of the organization. The services can be delivered both remotely and on-site.



## Solution brief

The service benefits include:

- Faster initial assessment, design validation, deployment, and integration
- Access to advanced capabilities around security, cloud, AI/ML, Big Data
- Change management with timely and relevant trainings and knowledge transfer to deploy and operate the new environment
- Mitigate costly installation and configuration errors applying HPE deployment and integration best practices
- Support of the HPE Ezmeral Container Platform so that it is fully commissioned and operational

### These services include packages:

<b>HPE Ezmeral Container Platform QuickStart</b>	For installations of up to 100 cores.
<b>HPE Ezmeral Container Platform Essential</b>	For installations from 101 to 240 cores. It also caters to the design and development of up to two single app images or ML notebooks.
<b>HPE Ezmeral Container Platform Advanced</b>	For installations from 101 to 240 cores. It also caters to the design and development of up to two single app images or ML notebooks for installations from 240 to 480-cores. It also caters to the design and development of up to four single app images or ML notebooks.
<b>HPE Ezmeral Container Platform Premium</b>	For installations from 480 to 1200 cores. It also caters to the design and development of up to six single app images or ML notebooks, and design of one tailored app image.

## ABOUT HPE POINTNEXT SERVICES

Enterprises, service providers, and governments are taking a closer look at how open source and container technologies can help cut costs, enable new revenue streams, and provide competitive advantage. HPE Pointnext Services deliver HPE experienced open cloud software

technologists and consultants to help you drive innovation and achieve the benefits of cloud and open source technologies that enable you to transform your IT environment and your business.

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a00067561ENW, June 2020, Rev. 2