

HPE Helion OpenStack Accelerator Service

An HPE Helion professional service

Leverage services from HPE Pointnext and HPE’s reference architectures to accelerate your on-premise cloud with HPE Helion OpenStack®.

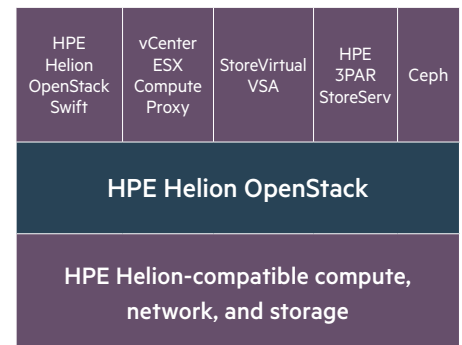
Begin the OpenStack journey

We know you are faced with many challenges when considering OpenStack software as a foundational component to a cloud strategy. If you are considering OpenStack software, a key consideration is deploying your applications onto the IaaS platform and making a sound business decision. The HPE Helion OpenStack Accelerator service is designed to put the platforms in place to evaluate your open cloud strategy in a practical environment. This will allow your development and operations teams to put cloud-native applications to the cloud and increase your agility.

OpenStack software can provide an isolation layer between your infrastructure, operations, and services to promote scale and reduce platform lock-in risks.

Our professional services team has gained experience from years of implementing HPE Helion Openstack. Based on this experience and HPE’s reference architectures, we have created a unique set of service modules to accelerate lab, limited development environments, and trial environments. With additional services from HPE Pointnext, you can make your pre-production environments production-ready and add scale as well as additional capabilities.

The base and optional installation service modules



The HPE Helion OpenStack Accelerator Service provides flexible service module options to have OpenStack technology rapidly deployed for trial, development environment, or a limited deployment.

- HPE Helion Swift
- VMware® ESX® hypervisor support
- HPE 3PAR StoreServ
- HPE StoreVirtual VSA
- Ceph support

HPE Helion OpenStack installation

Have HPE Helion OpenStack deployed on your compatible infrastructure and be ready for IaaS or optional PaaS capabilities.



HPE Helion OpenStack Swift

Explosive data growth, expansion of Big Data and unstructured data and the pervasiveness of mobile devices continually pressures traditional file and block storage architectures. Businesses are exploring emerging storage architectures like Swift or Ceph Object Storage to help deal with these trends with lower-cost storage solutions. The service deploys the HPE Helion OpenStack platform with configurations and HPE reference architectures such as HPE's Content Depot. The implementation can optionally be supplemented with additional scale, availability models, and customizations.



HPE StoreVirtual VSA



HPE 3PAR StoreServ



HPE P4000

Additional storage options

The service option would configure HPE Helion OpenStack for your pre-installed HPE StoreVirtual VSA, HPE 3PAR StoreServ, or the HPE P4000. As a service option, Ceph can be included in your HPE Helion OpenStack installation. With additional services from HPE, you can scale and build in production-readiness to your storage platforms.



Additional hypervisor options

Not all workloads are ready for KVM or cloud-native so the service can optionally enable the utilization of new virtual machines in a VMware® vCenter™ environment. The service option will enable VMware® hypervisor support for a new trial environment and the instances are available for use in your Helion OpenStack cluster. This is not a workload migration service; however, additional services can be added to support migration or cloud-native development.

About HPE Pointnext

HPE Pointnext is our future—facing services organization with experts across a broad domain of technologies, with the aggregated knowledge and proven blueprints of more than 11,000 successful implementations between them. HPE Pointnext brings this expertise to our customers exploring and using OpenStack, focusing services on three key areas that represent the entire lifecycle of your cloud implementation. Our Advisory and Transformation Services are at the forefront, designing customers' transformation journey and building a roadmap tailored to their unique challenges, including designing HPE Helion OpenStack based solutions. Our Professional Services specialize in flawless and on-time implementation, on-budget execution, and creative configurations for HPE Helion OpenStack. And finally, our Operational Services offer new ways to deliver IT by managing and optimizing on-premises and cloud workloads, resources, and capacity including world-class support for HPE Helion OpenStack.

Learn more at hpe.com/services/cloud



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