Hewlett Packard Enterprise

Trust the cloud you build
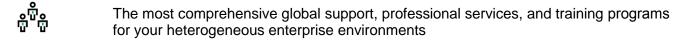HPE Helion OpenStack®

HPE Helion

With HPE Helion OpenStack®, you have an open, configurable and secure cloud infrastructure to support your business stakeholder demands and provide a modern, agile development experience for your developers.

Deliver a great operational experience for your OpenStack® cloud

Policy-define your private cloud with enterprise-grade security capabilities

A high degree of control over your IT environment, while preserving business agility

Open source alternative for expensive & vendor-locked solutions: choose your own mix of technology or hardware providers

The most comprehensive global support, professional services, and training programs for your heterogeneous enterprise environments

Trust the Cloud You Build
Build Your World-Class, Private Cloud on Open Technology

When the applications you deploy need to connect to sensitive information that lives on the most protected parts of your datacenter, you need to be laser-focused in how you define the policy of your private cloud. You embrace open standards because they give you the most options for integrations with current networking structure, with security rules, and with the wide range of enterprise vendors for software and hardware.

60 days:
from design to at-scale production

"By partnering with HPE, we were able to quickly design, develop and integrate a new product based on of full automation, virtualized production and fast time to service."

John de Keijzer
Head of Development, Swisscom

HPE Helion OpenStack offers the freedom to use the hardware of your choice & integrate with your chosen vendors - Leverage existing investments by easily integrating with existing tools and HPE or non-HPE hardware. Our HPE Helion Technical Services Consulting helps roadmap, design and implement integrations with your datacenter services.

Accelerate Your Cloud Transformation - Our most successful customers have partnered with HPE to accelerate their transformation to hybrid cloud and receive the datacenter expertise and access to the global support & services to get up and running quickly.

Security & Control While Preserving IT Agility

Benefit from HPE's long-running experience running some of the world's most complex and secure data centers, managing the world's most trusted workloads.

Data Centric Security
Your data is encrypted at rest and in transit: you define the policy for who has access, and HPE enables you to encrypt communications between API endpoints using TLS.

Infrastructure Hardening
Linux for HPE Helion provides an end-to-end solution for customers and reduces the attack surface through proactive security management. The HPE team tests and hardens HPE Helion OpenStack in an enterprise security environment, so you can operate your private cloud with confidence.

Monitor, Detect, Respond
We integrate seamlessly with HPE ArcSight to provide real-time security monitoring of the infrastructure hardware including servers, storage, routers, and switches.

Continuous Regulatory Compliance
HPE contributes its knowledge of operating OpenStack technology at scale to assist the community in the engagement and definition of key security issues, including the founding of open groups to promote and lead OpenStack security efforts.

Related Products & Services

HPE Helion CloudSystem

HPE Helion CloudSystem is an open, fully integrated, hybrid cloud solution with native world class IaaS and PaaS features. Our end-to-end factory built hybrid cloud solution is ideal for running traditional and cloud-native workloads, delivering automation and orchestration across multiple private and public clouds and your traditional infrastructure. HPE Helion CloudSystem redefines how you build and manage hybrid cloud services.

Learn more

HPE Helion Technical Services Consulting

Moving to the cloud can be a big change. Rely on HPE's cloud experts as your cloud consultant team to guide you on your journey from traditional IT to cloud.

Learn more

HPE Managed Cloud Services

We manage cloud technology for you. HPE experts monitor and manage day-to-day operations to ensure secure, consistent delivery and responsive, reliable service. Using a collaborative approach, we continually adjust our services to meet your changing business requirements. Learn more

HPE Helion OpenStack 3.x: At a Glance

Enterprise-grade security	Benefit from a hardened platform, critical patch support, data-in-transit encryption, network traffic separation, vulnerability management, and rigorous security best practices
Enhanced lifecycle management	Track and audit changes through a single-view management console, update or patch without application downtime, and automate your lifecycle management operations through the lifecycle API
Integrated cloud monitoring and logging operations	Increase cloud service reliability and availability with integrated cloud monitoring and expanded centralized logging
Heterogeneous hardware support Linux® for HPE Helion	Fully-supported, secure Debian host operating system supporting bare metal, virtual machine and containers
Third-party software integrations	Extend your reach with 90+, and growing every day, fully certified third-party ISV software solutions
HPE OpenStack Technology Indemnification Program[1]	This is a legal position applicable to qualified HPE Helion OpenStack customers with a current support agreement. Read more.
Global support	Benefit from streamlined per-server licensing with customer choice of 24x7 or 9x5 HPE Global support
HPE Helion Technical Consulting Services	Build and deploy your cloud with the backing of the leading provider of enterprise systems and major cloud platforms
HPE Helion investment solutions	Accelerate the move to the cloud by leveraging flexible investment solutions: technology refresh, trade-in, dual usage, and transition services

[1] Subject to the terms and conditions of a separate indemnity agreement, qualified HPE Helion OpenStack customers with a current support agreement are eligible for HPE's OpenStack Technology Indemnification Program, under which HPE will indemnify, defend, and settle third party copyright, patent, and trade secret infringement claims directed to OpenStack code, alone or in combination with Linux code, in HPE Helion OpenStack. Subject to the terms of the indemnity agreement,
HPE is offering this indemnity with no monetary cap, a key differentiator from our competitors, which demonstrates our commitment to the OpenStack platform and community. HPE's OpenStack Technology Indemnification Program is available to qualified customers who are direct customers of HPE, direct customers of authorized resellers for HPE Helion OpenStack, and direct customers of qualified service providers using HPE Helion OpenStack to provide services.

Next Steps
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