

Speed IT transformation; effectively manage change

SUSE OpenStack Cloud deployed on HPE servers

Innovation that is open for all

HPE and SUSE share a 25+ year relationship—that's longer than some Linux® vendors have been in existence. HPE has named SUSE its preferred Linux partner, and SUSE Linux is the only operating system embedded on every HPE ProLiant server motherboard and in the HPE factory. HPE and SUSE share:

- End-to-end portfolio of services and support, including cloud, Linux, and open-source leadership; mission-critical workloads; and software-defined storage.
- Secure, scalable, high-performance computing (HPC) solutions.
- Co-innovation, including deep collaboration on OpenStack® and Cloud Foundry®.
- SAP HANA® leadership.

Rate of change continues to escalate

The digital economy is operating in full force, and is driving the need for fast IT transformation. This escalating rate of change can be painful to manage, but it can also create exciting new opportunities for growth through:

- Faster access to more information
- Improved connectivity and collaboration
- Increased efficiencies
- Enhanced productivity

To capitalize on these opportunities, you can deploy SUSE® OpenStack Cloud on HPE servers. This software-defined infrastructure-as-a-service (IaaS) solution provides access to flexible pools of IT resources that you can quickly deploy and use to run applications.

With this IaaS solution running in your on-premises data center, you gain the flexibility to respond quickly and easily to new demands—creating the ideal environment for increased innovation, while also controlling costs.

Enterprise-ready platform

Building on the success of SUSE OpenStack Cloud and HPE Helion OpenStack, this new integrated offering delivers expanded interoperability, scalability, and flexibility—enabling the IT transformation required to conquer today's competitive market and business challenges.

SUSE OpenStack Cloud delivers the robust, production-ready cloud that enterprise customers need to run business-critical solutions and drive business growth. The platform is also certified to run on the full complement of HPE servers—Apollo, ProLiant, BladeSystem, Cloudline, Integrity, and Synergy.

With SUSE OpenStack Cloud running on HPE servers, you can:

- Deliver improved agility, innovation, and time to value
- Get the robust, production-ready cloud you need—quickly, easily, and seamlessly
- Reduce costs
- Improve efficiency
- Maximize choice

Improving agility, innovation, and time to value

Backed by wide support from both the industry and a vibrant open-source community, OpenStack is the ideal choice for developing new, innovative business workloads and DevOps environments, as well as for transforming traditional data centers. With SUSE OpenStack Cloud running on HPE servers, you can take full advantage of new business opportunities and rapidly evolving technology by quickly deploying and easily managing an OpenStack-based private cloud infrastructure.



Solution brief

SUSE OpenStack Cloud

Delivering quantifiable benefits



The Total Economic Impact™ of SUSE OpenStack Cloud—A Forrester Total Economic Impact™ Study Commissioned by SUSE, October 2017

Get the services you need to ensure success

Trust the experts at HPE Pointnext to provide the innovative IT services you need to move to the cloud—enabling you to drive rapid digital transformation across your enterprise, all on your own terms.

With HPE Pointnext, you can say “yes” to bigger and better opportunities—including those created by transitioning to private cloud-based services.

Prepare for next-generation capabilities

Contact your HPE or SUSE representative today. Find out how an enterprise-ready cloud platform can enable your organization to keep pace with the rapid rate of change created by IT transformation, as well as to capitalize on the opportunities created by the new digital economy.

¹ The study was performed by a commissioned study by Gartner from SUSE.

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Removing the roadblocks

SUSE OpenStack Cloud running on HPE servers is fast to deploy, configure, and manage—helping to accelerate the delivery of real business benefits. You can avoid the pain of unplanned downtime with automated deployment of critical cloud services and automated data backup and recovery. This way, you receive uninterrupted access to the key resources and data your business needs. You also receive wide multi-hypervisor support, bare-metal provisioning, and broad interoperability—simplifying the transition of traditional and business-critical workloads to the cloud.

Reducing costs, maximizing choice

You can maximize the value of your IT investments by modernizing and transforming your existing traditional data center in a private cloud with SUSE OpenStack Cloud running on HPE servers. This proven solution offers comprehensive workload support, outstanding interoperability, and industry-leading support for the entire OpenStack cloud platform.

What's new?

Powered by the new OpenStack Pike release, SUSE OpenStack Cloud includes new and updated features, making it the open-source cloud of choice for your enterprise business.

- The ability to quickly and easily provision bare-metal servers for end users who want to deploy a workload image to a physical machine instead of a virtual machine (VM) on a hypervisor
- Distributed disaster-recovery-as-a-service (DRaaS) capabilities for automating the control plane backup and restore process
- Expanded scalability to support large deployments

- Flexible options for deploying and maintaining your OpenStack environment with open-source cloud lifecycle management (CLM) and a Day 0 GUI installer, leveraging SUSE expertise
- Extended three-year lifecycle support from HPE to meet your needs for longer maintenance and rollout timeframes
- Expanded interoperability with new support for VMware® NSX-V for software-defined networking
- Full deployment automation and licenses for SUSE containers-as-a-service (CaaS) platform, enabling you to use your Helion OpenStack cloud to deploy Kubernetes clusters

Choose the right-fit HPE server platform

Rather than provide one or two choices for running SUSE OpenStack Cloud, HPE offers a complete portfolio—all certified to perform equally well with SUSE OpenStack Cloud.

- **HPE Apollo family**—High-density optimized, hyperscale servers
- **HPE ProLiant BladeSystem family**—One converged infrastructure and a single platform, together with HPE OneView management
- **HPE ProLiant DL family**—Secure rack-optimized servers
- **HPE Cloudline family**—Designed for today's cloud data centers
- **HPE Integrity family**—Supporting mission-critical workloads
- **HPE Synergy**—The world's first composable infrastructure¹

Learn more at hpe.com/partners/suse

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a00060358ENW, November 2018