Hewlett Packard Enterprise

Deliver container management to the enterprise

SUSE CaaS Platform running 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

Popularity is rising—fast

Container adoption is exploding. No longer considered emerging technology, **containers** have moved to the mainstream—used by an ever-growing number of companies of all sizes and across all industries. Containers' popularity can be attributed to their ability to:

- Speed application delivery

- Facilitate application portability

- Enable a new class of highly performant, cloud-native applications

But as container use grows, the need for production-grade container orchestration/management at scale also grows. Kubernetes and associated open-source technologies can help, but today's enterprises need more.

HPE, together with SUSE, can help.

Container management is the answer

Through close collaboration, HPE and SUSE deliver a complete enterprise-class container management solution that enables IT and DevOps professionals to more easily deploy, manage, and scale container-based applications and services.

SUSE CaaS Platform is a complete software solution that enables enterprises to reduce infrastructure setup times, accelerate application delivery cycle times, and improve business agility. The platform is certified to run on the full complement of HPE servers—**Apollo**, ProLiant BladeSystem, **Cloudline**, Integrity, and **Synergy**.

With SUSE CaaS Platform and HPE servers, you can:

- Achieve faster time to value

- Simplify management and control of your container platform

- Maximize the return on your investment

Achieve faster time to value

With SUSE CaaS Platform running on HPE servers, you'll save time with an enterprise-ready container management platform delivered as a complete package—with everything you need to quickly offer container services.

In addition to the HPE server of your choice, the package also includes:

- Industry-leading Kubernetes container orchestration technology for automating deployment, scaling, and management of your container-based applications

- Container engine and image registry for storing and running containers using the Docker open-source container format

- Purpose-built SUSE MicroOS to run containers, while delivering the security, scalability, and robustness of SUSE Linux Enterprise

- Kubernetes industry-standard container orchestration framework to facilitate the use of cloud-native workloads

- Complementary open-source technologies for deploying applications at scale

Get the services you need to ensure success

Trust the experts at **HPE Pointnext** to provide the innovative IT services you need to modernize your legacy infrastructure—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 containers.

Prepare for next-generation applications

Contact your HPE representative today. Find out how a complete enterprise-class container management solution can enable your IT and DevOps professionals to more easily deploy, manage, and scale container-based applications and services.

Our solution partner

SUSE

Make the right purchase decision. Click here to chat with our presales specialists.

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Simplify management and control

Offering efficient installation, easy scaling, and automation, the SUSE CaaS Platform running on HPE servers helps simplify management and control of your container environment. With this solution, you can:

- Set up a complete Kubernetes cluster quickly and easily; built-in tooling enables you to roll out a mass deployment in minutes in an automated manner.

- Use a straightforward command line or SUSE CaaS Platform's friendly web-based deployment dashboard to monitor your cluster and add new nodes.

- While HPE automates updates of your server platform, SUSE delivers and updates CaaS Platform software with the latest technology versions, security patches, and maintenance releases automatically. All of this can be done without disrupting workloads, coupled with the ability to roll back changes.

Maximize the return on your investment

Serving as a flexible-container services solution for today and tomorrow, SUSE CaaS Platform running on **HPE servers** helps maximize the return on your investment by:

- Accommodating your existing investments in containers built on any standard Linux distribution

- Providing a pragmatic Kubernetes solution today and a foundation for future growth into higher-level application delivery transformation over time

- Supporting your shift toward cloud service economics by enabling you to offer container management services to your application development and operations teams

Choose the right-fit HPE server platform

Rather than provide one or two choices for running SUSE CaaS Platform, HPE offers a complete portfolio. Regardless of which platform you choose, you can trust SUSE CaaS Platform to perform equally well on all of them.

- **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 Superdome**—Mission-critical infrastructure for today's data-driven enterprise

- **HPE Synergy**—The world's first composable infrastructure

Learn more at
hpe.com/partners/suse