



Take Control of Your Data with SAP Data Hub on SUSE

Enterprises gain enormous value from data, but only if the companies can secure, manage and access it efficiently. SAP Data Hub is designed to help you do exactly that. This data orchestration tool uses data pipelines to give you a single graphical interface that pulls together your disparate data sets—without having to create a new data warehouse. SUSE® can help you build the foundation you need for SAP Data Hub so you can begin to unlock your data's value.

SUSE CaaS Platform for SAP Data Hub at a Glance:

- + Scalability to keep up with all your data demands
- + Simplified orchestration and management
- + Reliability from SAP's software-defined infrastructure partner

■ Products:

- + SUSE CaaS Platform
- + SUSE Linux Enterprise Server for SAP Applications
- + SUSE Enterprise Storage
- + SAP Data Hub

Harnessing Enterprise Data

Enterprises have been gathering data for a long time, but effectively putting all that data to work has proved more challenging than many expected. Data is almost always siloed in systems that don't work well together, such as cloud storage, on-premises databases and data lakes. To harness the true power of your data, you need a single control panel that can bring insight into one place.

SAP Data Hub is SAP's answer to the current complexity of diverse data pipelines. It helps intelligent enterprises make use of their growing stores of data with an organized and scalable approach to managing data landscapes. It ties together data lakes and other vital business sources such as SAP S/4HANA through a single, simple-to-use graphical user interface.

Like many advanced applications, SAP Data Hub is containerized. It requires a Kubernetes-based container platform, as well as a number of other infrastructure

components. SUSE provides a software-defined infrastructure with everything SAP Data Hub needs to operate smoothly and help you transform your approach to data.

A Better Way to Tackle Data

Building a container platform is not as straightforward as some assume. When you consider putting an application such as SAP Data Hub, with its enormous business value, on that platform, you realize the benefit of finding the best possible partner. As a longtime SAP partner, SUSE knows what it takes to provide a simple-to-implement, robust and scalable solution for SAP Data Hub.

The SUSE solution provides:

- A Kubernetes implementation
- A container operating system
- A rock-solid foundation for the dedicated internal SAP HANA portion of SAP Data Hub
- Flexible and scalable storage to support the entire solution

“We started with a custom-built solution to operate our growing number of Linux containers. At a certain point, we realized that we would be much better off using SUSE CaaS Platform. The SUSE solution is an off-the-shelf, fully supported product, which offered much more stability than our fragile existing system.”

DAVID MACE
Senior System Architect
Smartodds

Contact us at:
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While SAP Data Hub contains a small, dedicated SAP HANA database, this version is strictly for use by SAP Data Hub itself. But most organizations will also want to connect SAP Data Hub to their existing SAP HANA implementation, since it is likely to be one of the major sources of their enterprise data. Because of the excellent support for SAP solutions offered by SUSE, most organizations run their SAP HANA implementations on SUSE. That means by selecting SUSE as a foundation for your SAP Data Hub, you can run all your SAP applications on the same solutions, simplifying your IT environment.

Components

The SUSE solution is based on SUSE CaaS Platform and SUSE Enterprise Storage.

- **SUSE CaaS Platform** is an application development and hosting platform for container-based applications and services. It enables you to provision, manage and scale container-based applications such as SAP Data Hub. SUSE CaaS Platform includes everything you need in a single solution: a Cloud-Native Computing Foundation (CNCF)-certified Kubernetes distribution for orchestration, microservices and a container operating system based on SUSE Linux Enterprise Server. SUSE Linux Enterprise Server is a development platform for SAP and

the most-used operating system for SAP HANA. SUSE CaaS Platform is certified for SAP Data Hub.¹

- **SUSE Enterprise Storage**, powered by Ceph, is a highly scalable and resilient software-based storage solution that enables you to build cost-effective and highly scalable storage using off-the-shelf servers and disk drives. It is self-managing and delivers storage functionality comparable to mid-range and high-end storage products at a fraction of the cost, with file block and object storage in a single solution. In the SAP Data Hub solution, SUSE Enterprise Storage provides storage for SAP HANA and persistent volumes for containers running on SUSE CaaS Platform. SAP Data Hub does not support Network File System (NFS), making a Ceph-based solution such as SUSE Enterprise Storage the best option.

SAP Solutions for a Trusted SAP Partner

Not only do enterprises around the world trust SUSE as the foundation of their SAP solutions, but also SAP itself relies on SUSE. For more than 17 years, SAP has developed its software on SUSE Linux Enterprise Server and SUSE solutions such as SUSE CaaS Platform. SAP trusts SUSE to run their internal, mission-critical apps and external-facing customer platforms.

As you move to transform your enterprise with the efficient data orchestration provided by SAP Data Hub, make sure you have the right foundation for it. Trust SUSE as the basis for your SAP Data Hub implementation and begin taking control of your data today.

“SUSE CaaS Platform allows us to take full advantage of Kubernetes, without all the complexity involved in setting it up.”

TRAVIS MARSH
Digital Transformation Consultant
ApiOmat

¹ <https://www.suse.com/c/suse-caas-platform-3-validated-for-sap-data-hub-2-4/>