

Enterprise Information Management (EIM) – SAP Data Hub

FAQs

1. What is SAP Data Hub?

Data Hub is an integration layer and unified interface to view and manage heterogeneous data landscapes. Data Hub can access, manage, and monitor dissimilar data resources, such as cloud big data services, low latency data stores, site-specific databases, data lakes managed by other EIM or data quality tools, and hybrid deployments of various data services throughout the Internet of Things (IoT). As an integration layer, it does not interfere with the regular operation of these resources, but rather assimilates them into a managed service structure for your convenience.

2. Do I need SAP Data Hub?

Data Hub provides a single framework and interface for a heterogeneous data landscape. If you manage numerous, non-homogenous data resources distributed across site-specific, cloud, and hybrid deployments, then Data Hub provides management and evaluation capabilities unmatched in the current big data solutions market.

3. What are the deployment options for SAP Data Hub?

Developers can now embed data integration and processing services within any business process or application with SAP Data Quality Management on the S4 and SAP cloud platforms. This cloud-based offering provides self-service data verification and data visibility to address data around the globe within a simple pay-as-you-go consumption model.

4. What are the benefits of using Data Hub?

Data Hub is specifically designed to solve all data integration problems. The following use cases have been fully investigated during design and testing:

- Big data warehousing
- Innovation/Optimization for EIM solutions
- End-to-end Internet of Things (IoT) data integration
- Rapid development and easy access to new data resources

5. How much does SAP Data Hub cost?

Pricing is based on “Data Hub units”, which is the sum of all managed systems and computing nodes where the distributed processing engine is deployed, as managed and defined in SAP Data Hub.

Each computing node is a system with a maximum of 64 GB RAM and 8 virtual cores, and a managed system is simply a system connected to the Data Hub, viewed and managed in the Data Hub application.

Pricing is tiered to reflect that at the upper limits of heavy processing, volumes can get quite large. We are committed to supporting this level of usage for our customers.

Example: if you use SAP Data Hub to connect to a Hadoop cluster and a BW/4 HANA data store, with 5 processing nodes for the processing engine, you would need to buy $2 + 5 = 7$ Data Hub units.

6. What is (not) delivered with SAP Data Hub?

Some components are bundled and included in the SAP Data Hub license. Other components are sold separately but can integrate with SAP Data Hub.

- A pre-requisite, but not bundled, to run SAP Data Hub is a HANA environment with XSA enabled. This can be HANA 2.0 or HANA 1.0 SP12 with XSA.
- SAP Vora is embedded in SAP Data Hub. The Vora user interfaces are not exposed, but the Vora engines and architecture are leveraged through SAP Data Hub.
- Optional components that integrate nicely into SAP Data Hub include HANA smart data integration, SAP BW/HANA, ADP, SAP Analytics Cloud for BI, Business Objects Cloud, and SAP Business Object Lumira.

7. Is there support or training on how to leverage SAP Data Hub?

There is a wide variety of training and support available for SAP EIM products, including:

- On-line, role-specific learning maps with SAP implementation and operation information
- A complete catalog of E-learning and instructor-led sessions on functionality, configuration and business processes
- Certification programs

8. How secure is the data managed by SAP Data Hub?

Data Hub implements Enterprise ready governance to fulfill and establish service levels.

- Understand data lineage and quality across the full landscape
- Enforce access policies to dynamically secure data from source to destination
- Mask and anonymize data to protect sensitive sources

9. What open source components integrate with SAP Data Hub?

SAP Data Hub is designed as an open application. Data Hub supports integration with open source components like e.g. KAFKA, SPARK, Hadoop, etc.

10. How long will it take to integrate my data sources with SAP Data Hub?

Data Hub leverages the in-memory performance of SAP HANA to generate views and discover/access distributed data resources. This means most data resources can be integrated moments after they are identified by Data Hub.