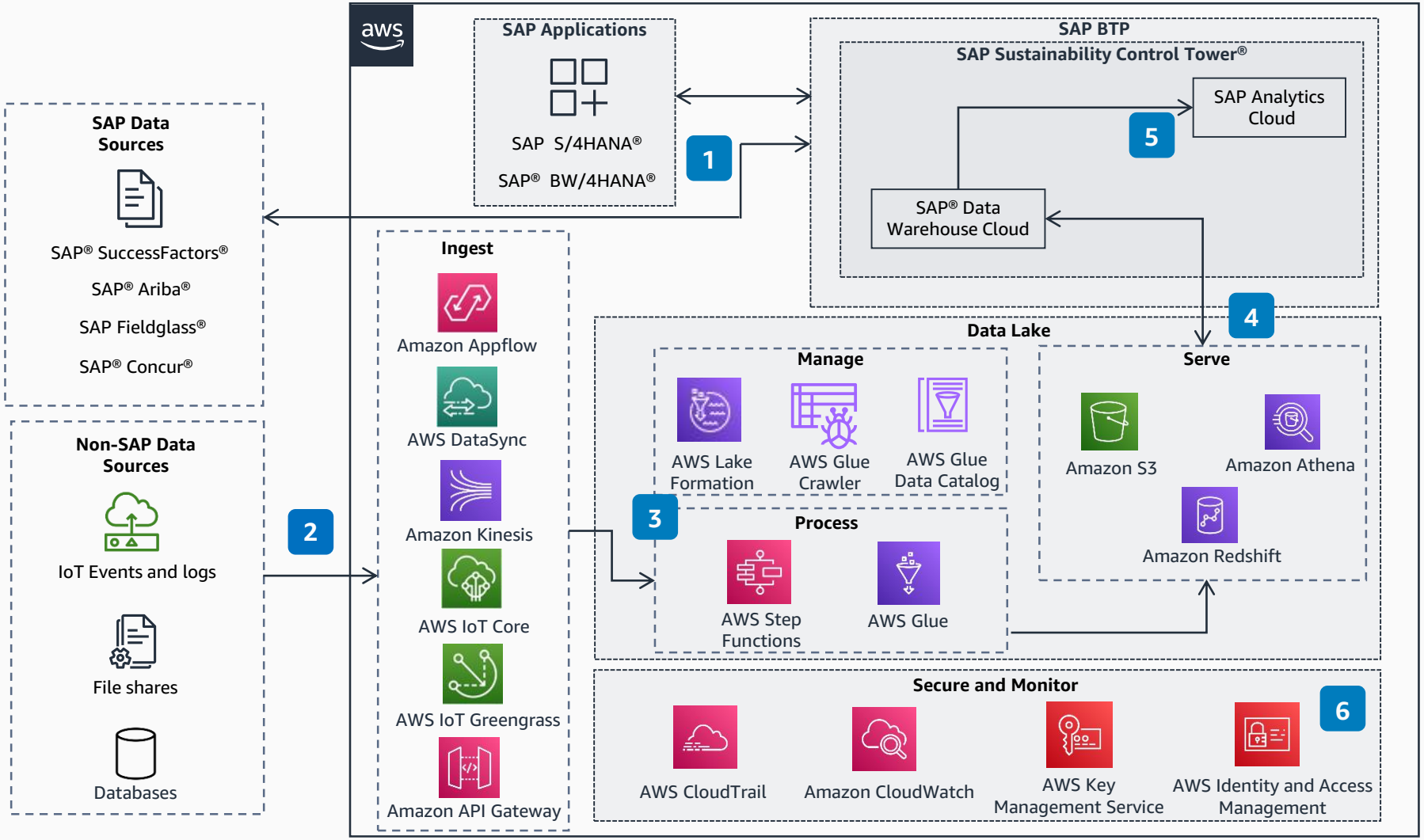
Guidance for SAP Sustainability Control Tower® on AWS

This architecture shows how to integrate SAP Sustainability Control Tower® on SAP BTP with AWS services.



1. Import ESG data and integrate it with SAP data sources to enhance its value.
2. Send ESG data from non-SAP sources, such as SaaS apps, file shares, and Internet of Things (IoT) devices, to the AWS data lake. Depending on the data source, multiple services can ingest the data, including **Amazon API Gateway**, **Amazon Kinesis Data Streams**, **AWS DataSync**, **Amazon AppFlow**, **AWS IoT Core**, or **AWS IoT Greengrass**.
3. Process and manage non-SAP data in your data lake using **AWS Glue**, **AWS Step Functions**, **AWS Lake Formation**, **AWS Glue** Crawler, and **AWS Glue** Data Catalog.
4. Use SAP® Data Warehouse Cloud's native data integration capabilities and **Amazon Athena** federated query to virtualize data stored in **Amazon Simple Storage Service (Amazon S3)** or **Amazon Redshift**. An alternative to federating AWS data through **Athena** is to physically replicate the required non-SAP data from **Amazon S3** or directly from the source into SAP® Data Warehouse Cloud (or HANA Cloud) using SAP® Data Warehouse/HANA Cloud's native replication.
5. Use SAP Analytics Cloud to report regulatory-compliant ESG metrics, gain deeper insights on ESG performance, set targets, and monitor progress.
6. Set up AWS services to monitor data activity and manage who has access to data.

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AWS Reference Architecture