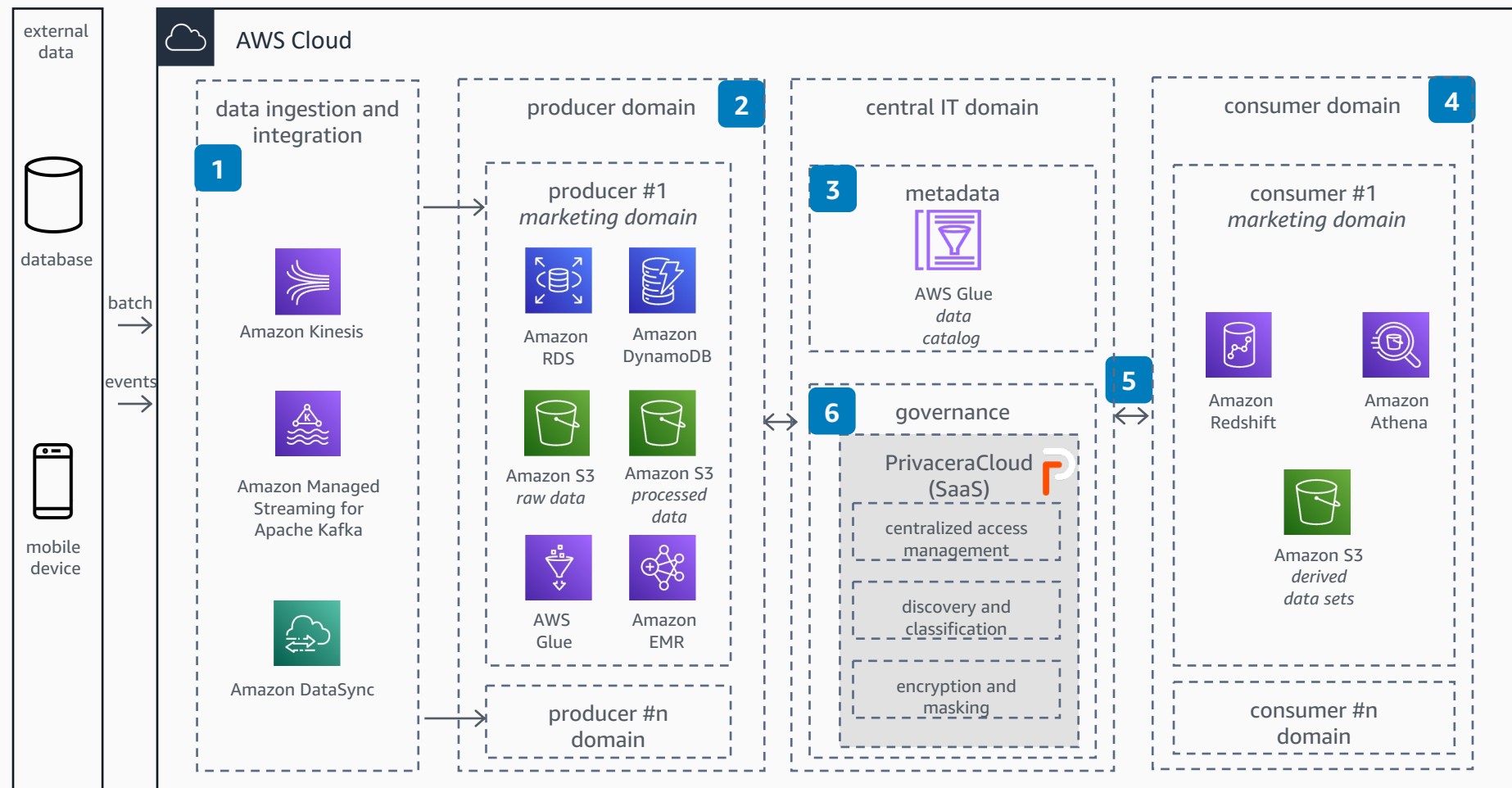


Unified Data Access Governance in a Data Mesh

Using PrivaceraCloud on AWS

PrivaceraCloud provides federated computation governance for consistent data access control, governed data sharing, and compliance across AWS services and external on-premise data sources.



- 1 Data flows into AWS through batch processing, real-time data or change data capture (CDC).
- 2 Data sources are managed by the producer domain.
- 3 Metadata is managed through multiple services. **AWS Glue** is used for data cataloging.
- 4 The consumers domain uses processed data sets from multiple producer domains based on business needs. Consumers build a data mart using **Amazon Redshift** and **Amazon Athena**.
- 5 Consumers use online, text-based search and filtering of data sets recorded in the central data catalog to collect data. They can search for by name, contents, sensitivity, or any custom label you define.
- 6 **PrivaceraCloud** is a fully managed software-as-a-service (SaaS) solution that delivers unified data access governance. Built on the core attribute-based access control (ABAC) policy model of Apache Ranger, **PrivaceraCloud** applies that to AWS services like **Amazon Simple Storage Service (Amazon S3)**, **AWS Glue**, **Amazon EMR**, **Amazon Relational Database Service (Amazon RDS)**, **Amazon DynamoDB**, **Amazon Athena**, and **Amazon Redshift**.

