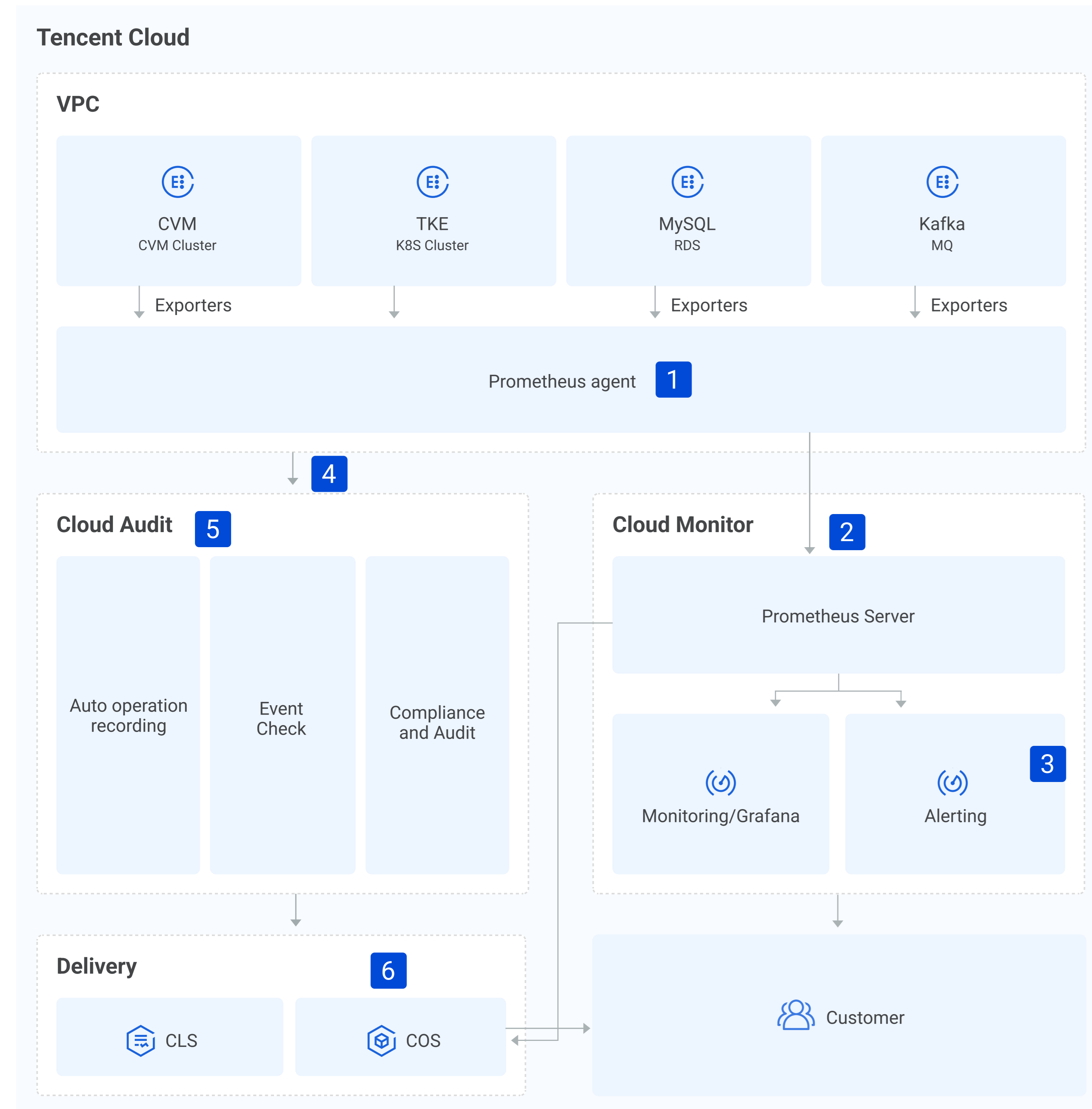


Using Cloud Audit to Implement Centralized Logging



- 1** To implement system governance and management, customers can use Cloud Monitor (CM) to report business data in a self-service manner, easily configure metric parameters, and obtain powerful backend data statistics and processing capabilities. Through Prometheus, an open-source systems monitoring and alerting toolkit, CM can monitor the status and performance of cloud service resources in real-time. CVM clusters, RDS, and MQ need to integrate an exporter to connect to the Prometheus, while the Kubernetes cluster does not as it has a built-in exporter.
- 2** The Prometheus server pulls metrics from the exporter or agent, stores all scraped samples locally or to Cloud Object Storage (COS), and runs rules on this data to either aggregate and record new time series from existing data or to generate alerts.
- 3** Customers can use a wide variety of chart displays that support single-instance chart view, multi-day trend comparisons, and aggregated chart view (e.g. Grafana), and use the PromQL language to easily perform data operations. Customers can also set alarms for key metrics so that they can receive alerts immediately when exceptions occur.
- 4** Customers can check and trace operation records for auditing purposes or if they receive alerts triggered by abnormal operations. In Tencent Cloud, the operations of products such as CVM, TKE, RDS, and MQ are recorded via Cloud Audit.
- 5** Cloud Audit supports the supervision, compliance inspection, operation audits, and risk audits of customers' Tencent Cloud accounts. With Cloud Audit, customers can automatically record and store event logs of operations performed, easily check event details, and save account operation records for compliance traceability and security audits.
- 6** When customers create tracking sets in Cloud Audit, the relevant log data will be delivered periodically to COS or Cloud Log Service (CLS) to meet the customers' audit and analysis needs. CLS also enables customers to efficiently analyze log data through various features such as the data visualization dashboard.