Public Cloud Group

AWS Accerlerator for SAP.

AWS Accerlerator for SAP is a powerful solution designed to integrate SAP data into the AWS environment swiftly. By connecting to various SAP modules, the accelerator retrieves, stages, and leverages data within AWS to solve complex real-world business problems using Amazon Bedrock and Generative AI (Gen-AI).

Key Features.

- **Data Integration:** Seamlessly connects to SAP OData connectors, facilitating data flow from SAP to AWS using native SAP Gateway services and AppFlow.
- **Data Staging:** Stages the retrieved data in Amazon S3, creating a robust data lake for further processing and analysis.
- **Generative AI Capabilities:** Utilizes Amazon Bedrock to enable natural language conversations and derive business insights from the data.
- **AWS Services Integration:** Leverages a wide array of AWS services to create concrete business use-cases from the staged data.

Workflow.

- **SAP OData Connectors:** Customers set up SAP OData connectors within their SAP environment.
- **Data Flow with AppFlow:** The accelerator connects to these OData connectors through AppFlow, pulling incremental data on a scheduled basis.
- **Data Storage:** The incremental data is stored in Amazon S3, which serves as a data lake.
- **Custom RAG Accelerator:** Connects the stored data to answer queries using Amazon Bedrock's Gen-AI capabilities.

Benefits.

- **Rapid Integration:** Quick and seamless integration of SAP data into the AWS environment.
- **Scalability:** Utilizes AWS's scalable infrastructure to handle large volumes of data efficiently.
- **Enhanced Decision Making:** Empowers businesses to make informed real-time decisions through advanced data analysis and AI-driven insights.
- **Automation:** Automates complex workflows and processes, reducing manual intervention and errors.
- **Advanced Analytics:** Leverage AWS services like Athena, Redshift, and QuickSight for deep data analysis and business intelligence, driving better business outcomes.
- **Generative AI Capabilities:** Use Amazon Bedrock to implement AI-driven solutions that can understand and respond to natural language queries, enhancing user interactions and decision-making.