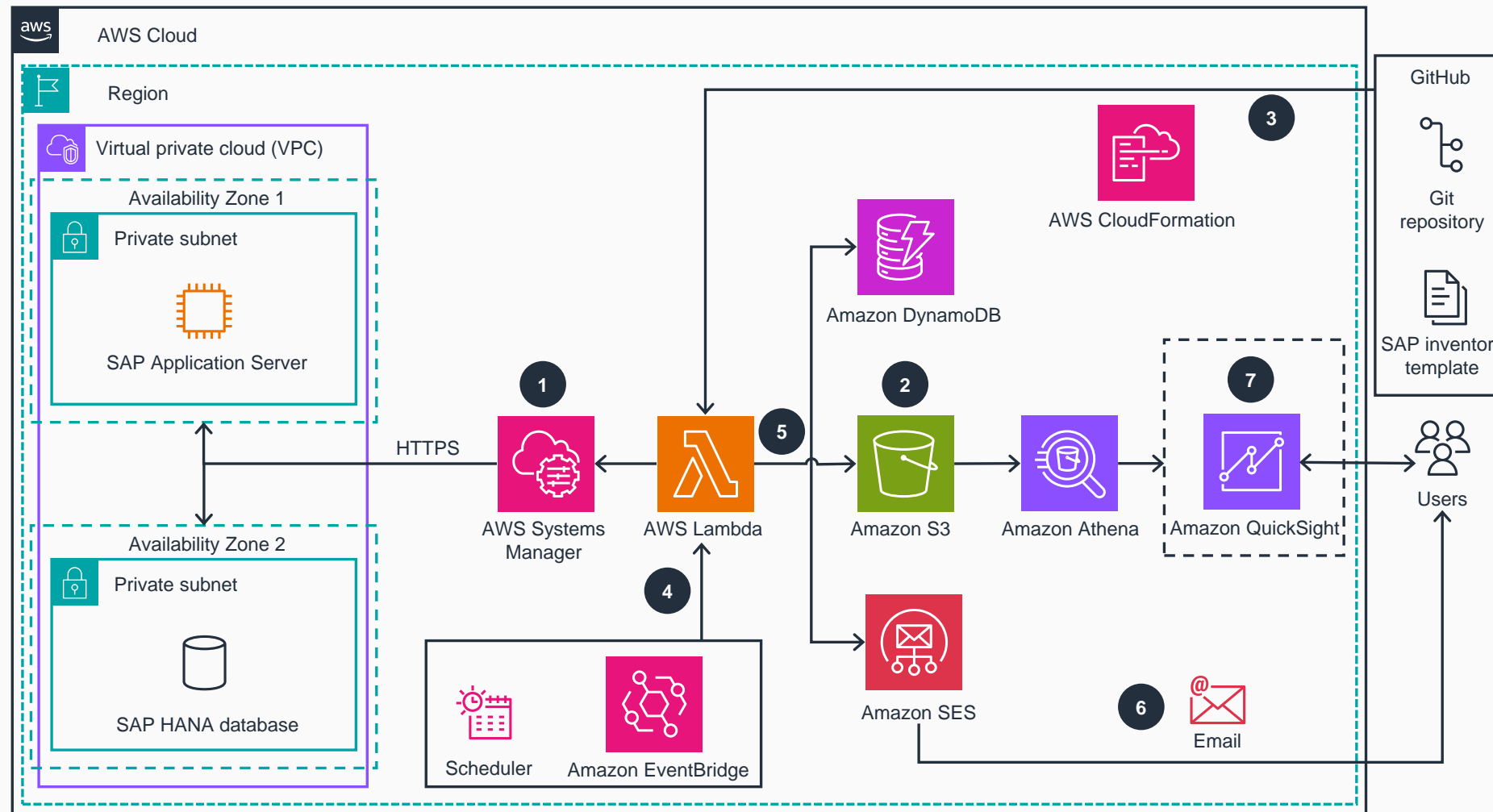


Guidance for Automating SAP Configuration Health Checks on AWS

This architecture diagram demonstrates how to automate health checks based on the AWS Well-Architected Pillars to identify configuration drifts and monitor infrastructure health.



- 1 In an AWS account with SAP workloads, enable **AWS Systems Manager**. **Systems Manager** allows you to safely automate common and repetitive IT operations and management tasks.
- 2 Create an **Amazon Simple Storage Service (Amazon S3)** bucket. Download the SAP systems inventory template from the GitHub repository and update with your SAP workload inventory.
- 3 Launch the **AWS CloudFormation** template from the GitHub repository with the input as the **S3** bucket. **CloudFormation** will deploy an **AWS Lambda** function and **Amazon DynamoDB** table. Upload the SAP inventory template to the **S3** bucket.
- 4 Run SAP health checks by executing the **Lambda** function on-demand, or schedule it periodically using **Amazon EventBridge**.
- 5 The **Lambda** function evaluates AWS for SAP best practices and identifies any drifts or anomalies. Health checks results are written to the **S3** bucket for further analysis.
- 6 **Amazon Simple Email Service (Amazon SES)** sends notification emails regarding identified drifts.
- 7 Optionally, analyze output using **Amazon QuickSight**. Use **Amazon Q in QuickSight** to query system health using natural language.

