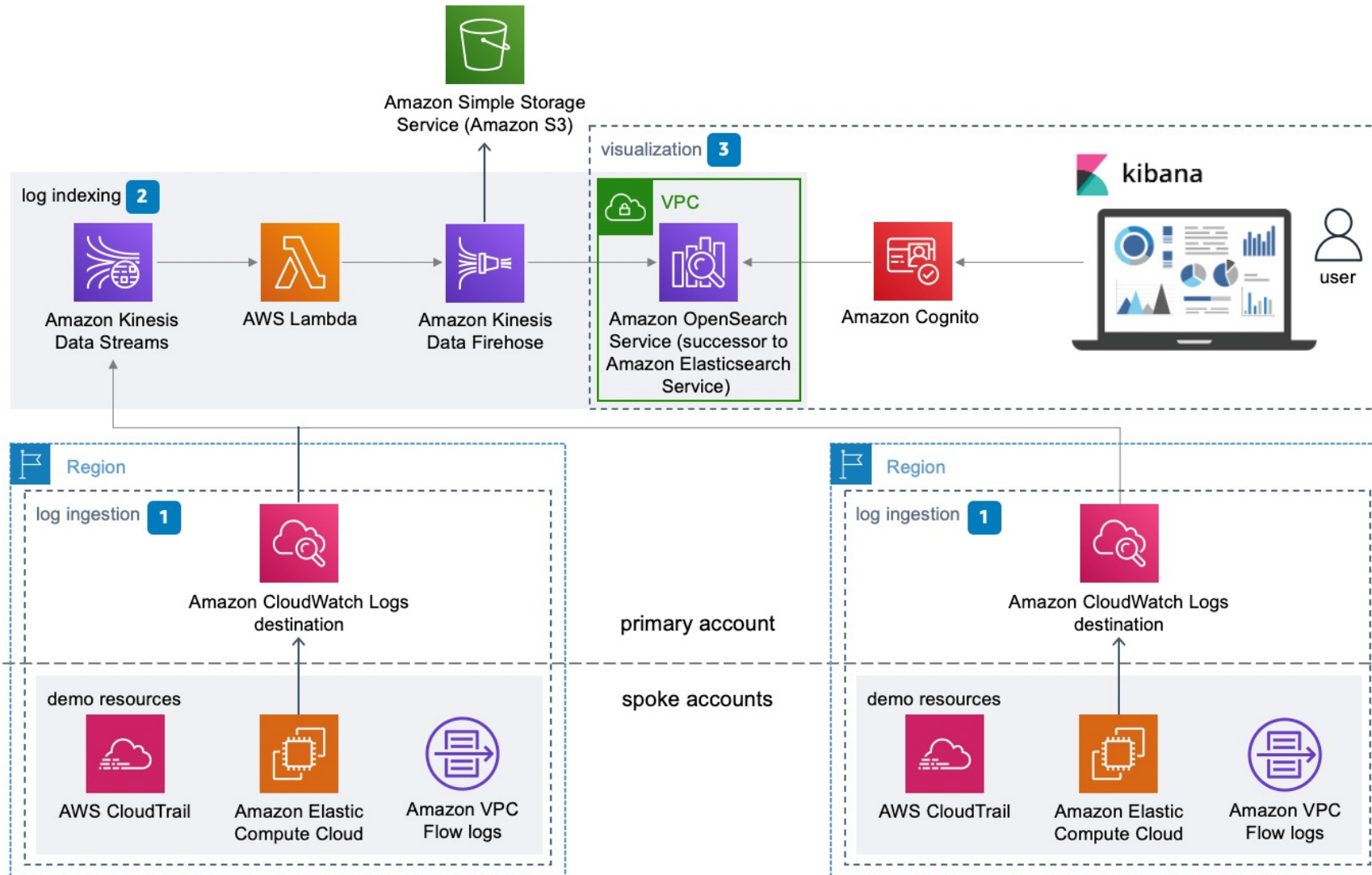


AWS Centralized Logging

This solution helps organizations collect, analyze, and display log files from various sources in a single dashboard. To deploy this solution using the available AWS CloudFormation template, select **Deploy with AWS**.



- 1 **Amazon CloudWatch Logs** destinations in your primary account for log streaming.
- 2 (Optional) Sample **CloudWatch Logs** for **AWS CloudTrail**, **Amazon Virtual Private Cloud (Amazon VPC)** flow logs, and an **Amazon Elastic Compute Cloud (Amazon EC2)** web server.
- 3 **Amazon Kinesis Data Streams** to index log events.
- 4 **AWS Lambda** to transform each log event.
- 5 **Kinesis Data Firehose** to index the documents.
- 6 **Amazon S3** for low-cost log records storage.
- 7 **Amazon OpenSearch Service** (successor to Amazon Elasticsearch Service) domain for log indexing and data visualization.
- 8 **Amazon VPC** for the Amazon ES domain to prevent public access to the Kibana dashboard.
- 9 **Amazon Cognito** for authentication and authorization to access the Kibana dashboard.

Deploy with AWS



Reviewed for technical accuracy September 9, 2021

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Deployable AWS Reference Implementation