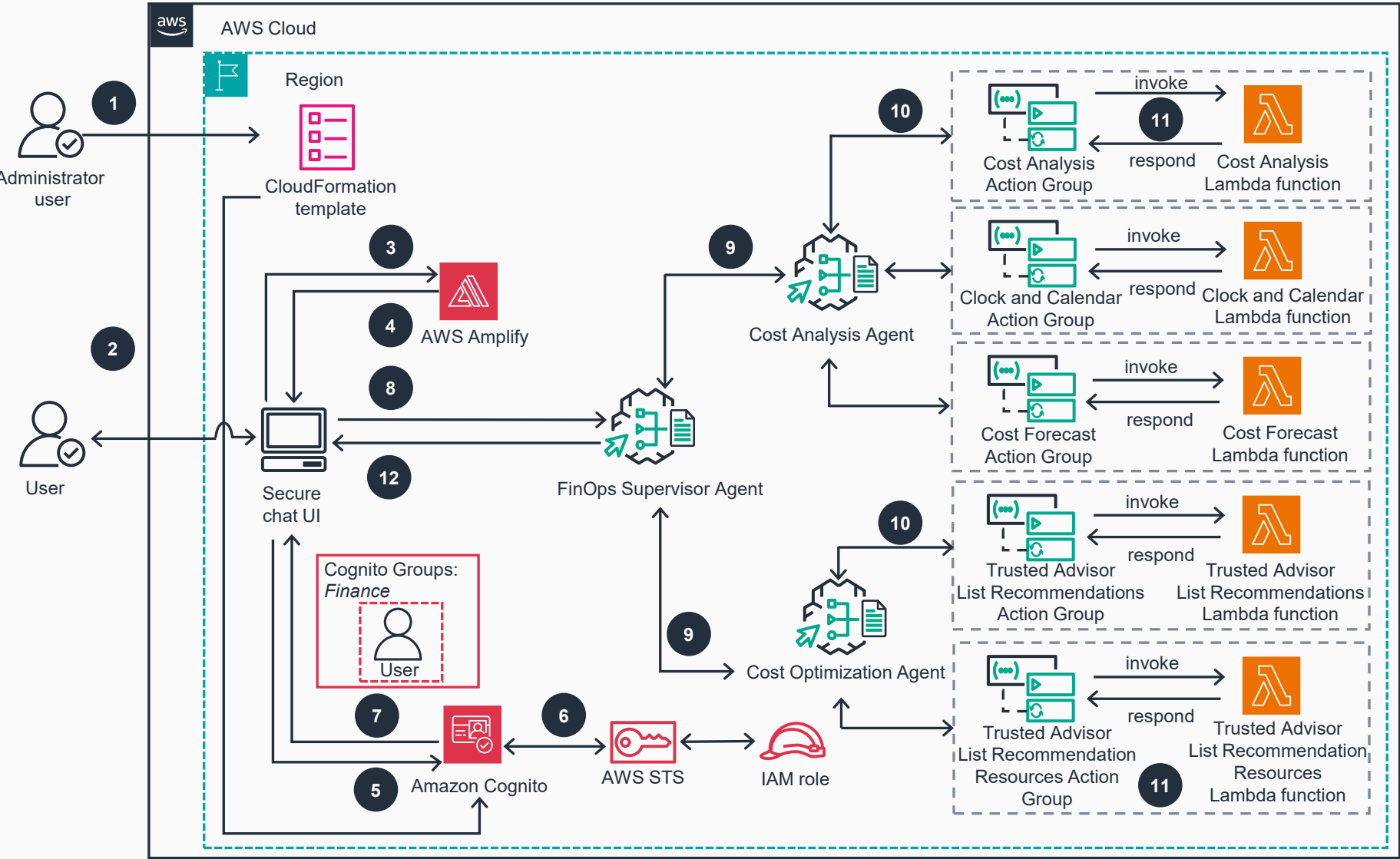


Guidance for Cost Analysis and Optimization with Amazon Bedrock Agents

This architecture diagram shows a hierarchical Amazon Bedrock Agents system with one supervisor managing two subordinate agents, integrated with AWS Amplify and Amazon Cognito for authentication. This slide shows Steps 1-8.



- 1 The administrator user deploys the Guidance to an AWS Account and AWS Region using an **AWS CloudFormation** template.
- 2 The user navigates to the secure chat UI URL.
- 3 The secure chat application is hosted on **AWS Amplify**.
- 4 The page is returned with HTML, CSS, and JavaScript. The user can then input the configuration details for **Amazon Cognito** and **Amazon Bedrock Agents**.
- 5 Upon configuration completion, the user is prompted to authenticate using **Amazon Cognito** with a username and password configured for them in the user pool.
- 6 After successful authentication, **Amazon Cognito** identity pool will negotiate temporary credentials from **AWS STS**.
- 7 **Amazon Cognito** identity pool passes temporary AWS credentials to the secure chat UI.
- 8 Once authenticated, the user will see the secure chat UI prompt to interact with the **Amazon Bedrock Agent** that is configured.

Guidance for Cost Analysis and Optimization with Amazon Bedrock Agents

This architecture diagram shows a hierarchical Amazon Bedrock Agents system with one supervisor managing two subordinate agents, integrated with AWS Amplify and Amazon Cognito for authentication. This slide shows Steps 9-12.

