AWS Invent Content Content

DEV322

A YouTuber's magic wand: Converting videos to blogs

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Agenda

What are we trying to solve?

How are we going to solve it?

A look at *part* of the solution

Demo

Whiteboarding



Problem statement

Content creators face significant challenges in efficiently repurposing video content into written blog posts, leading to

- Time-consuming and labor-intensive processes
- Inconsistencies between video and written content
- Difficulty maintaining regular publishing schedules
- Inefficient resource allocation
- Scalability limitations as channels grow

The DSB Blogging Assistant aims to address these issues by automating the video-to-blog conversion process, enhancing efficiency and content consistency



How are we going to solve it?



DSB Blogging Assistant workflow

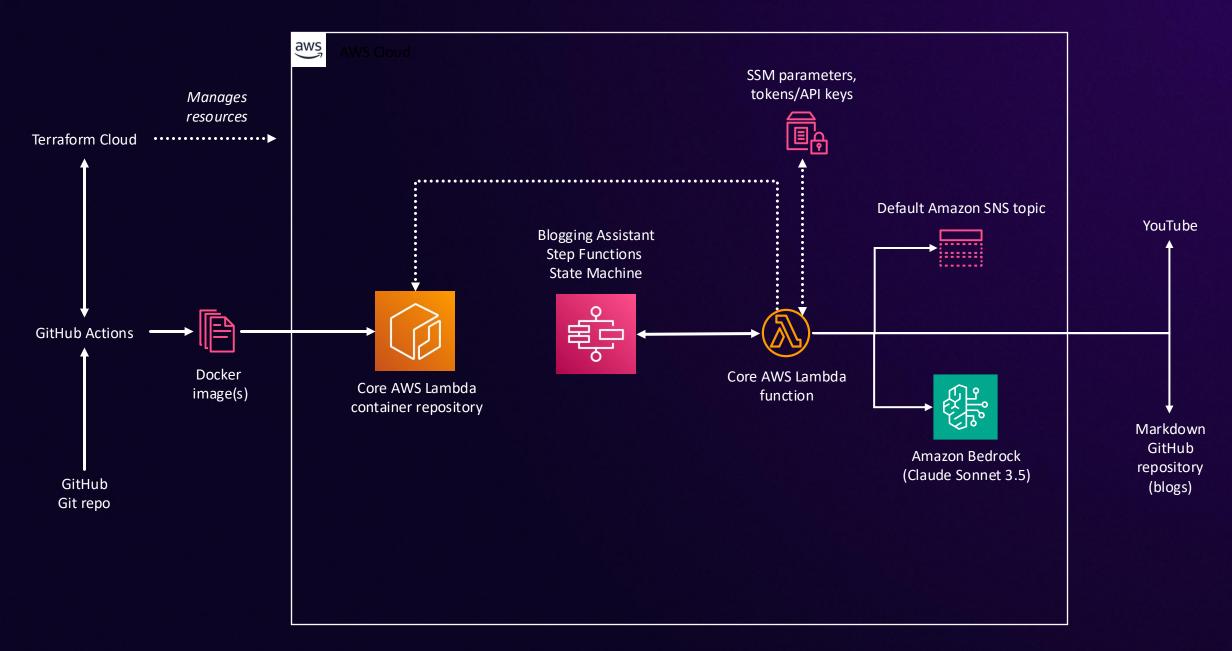
- Video Drop Listener (VDL) service sees a new YouTube video posted for conversion
- State machine processes video information
- User confirms video type (technical/non-technical)
- Al generates blog post using Amazon Bedrock
- Publish Markdown to GitHub repository
- Email notification sent with commit details





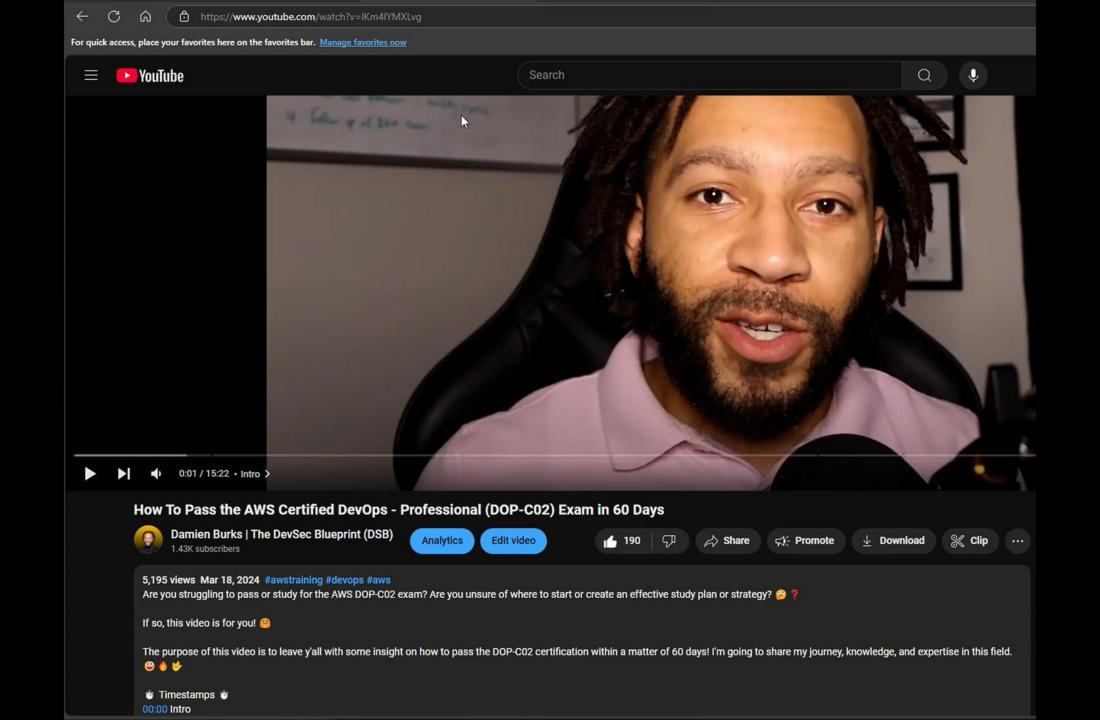
A look at part of the solution





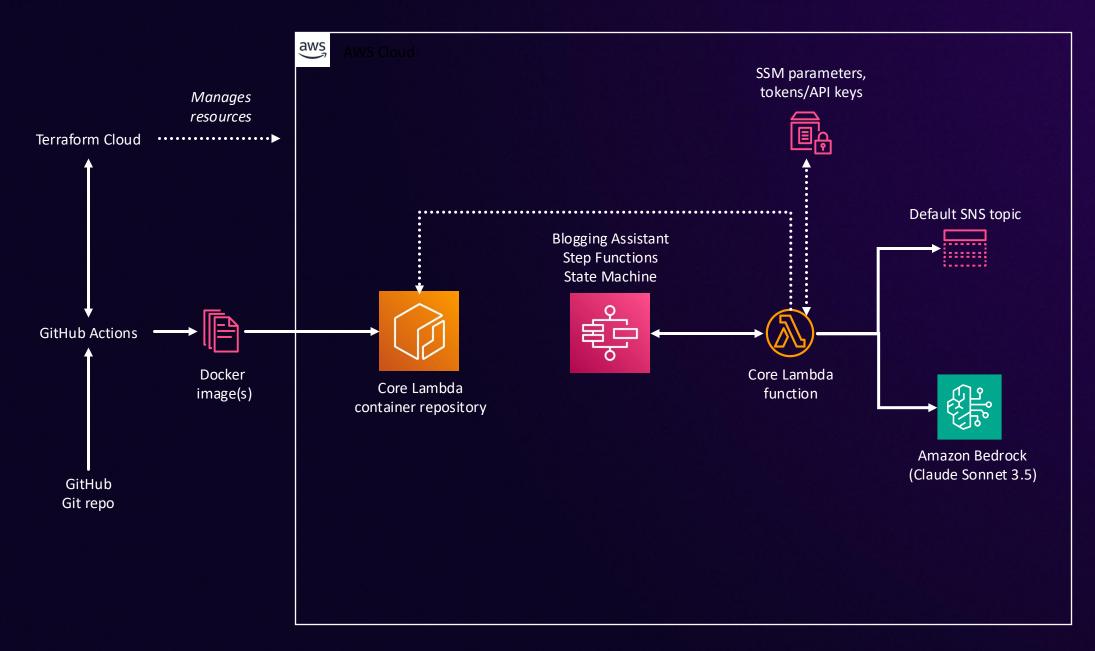
Demo

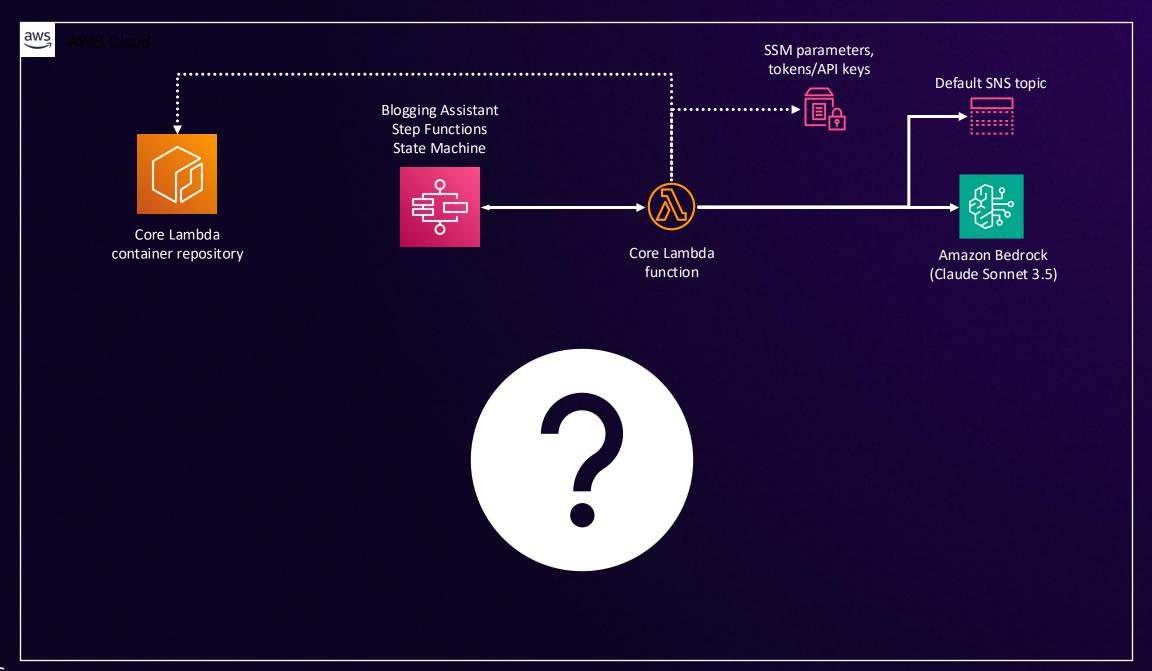


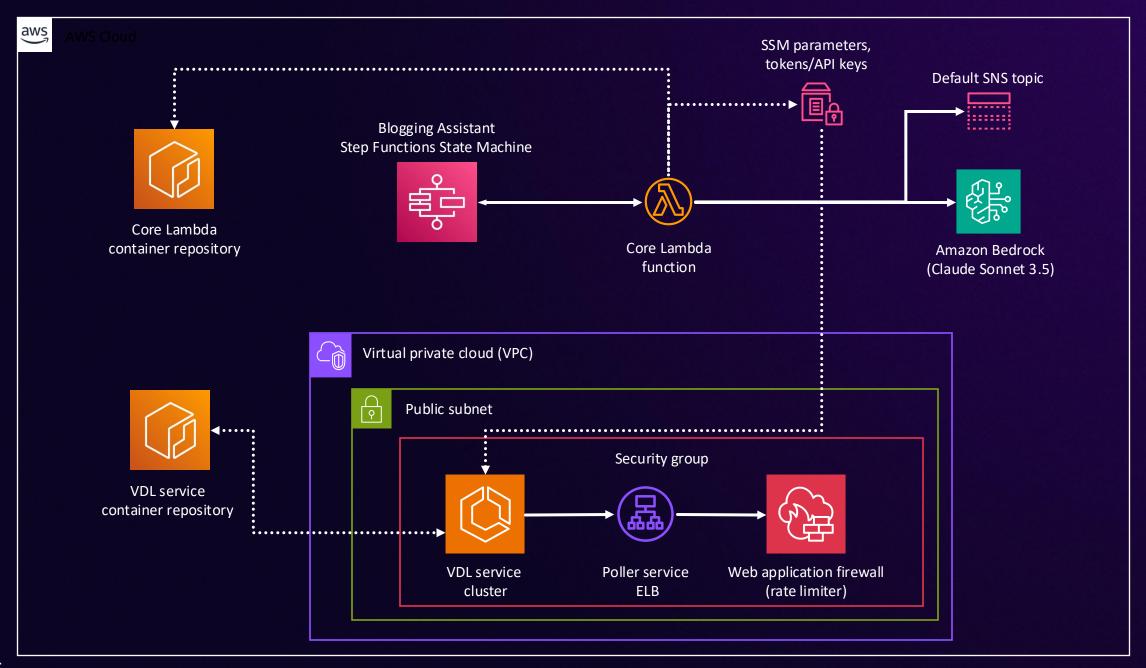


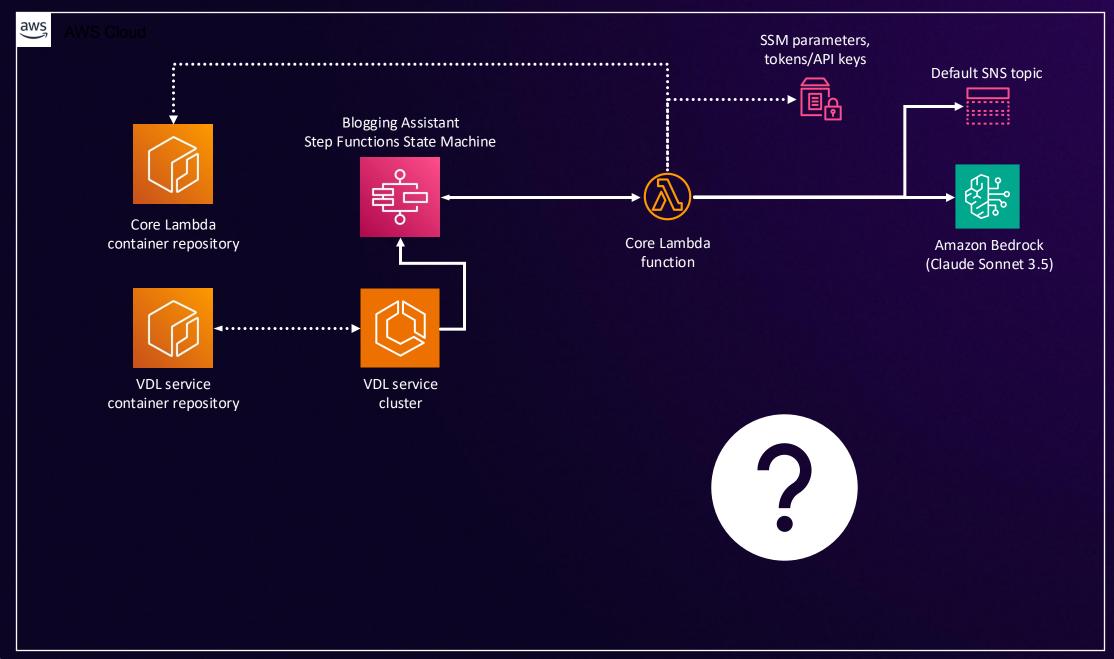
Whiteboarding (and diagrams)

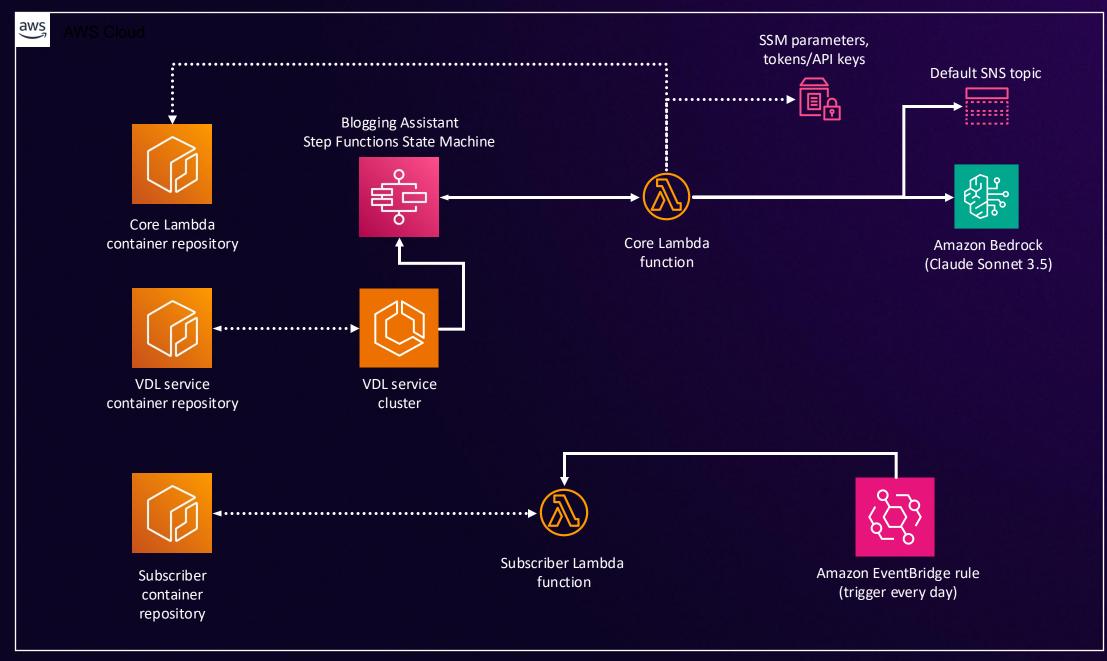


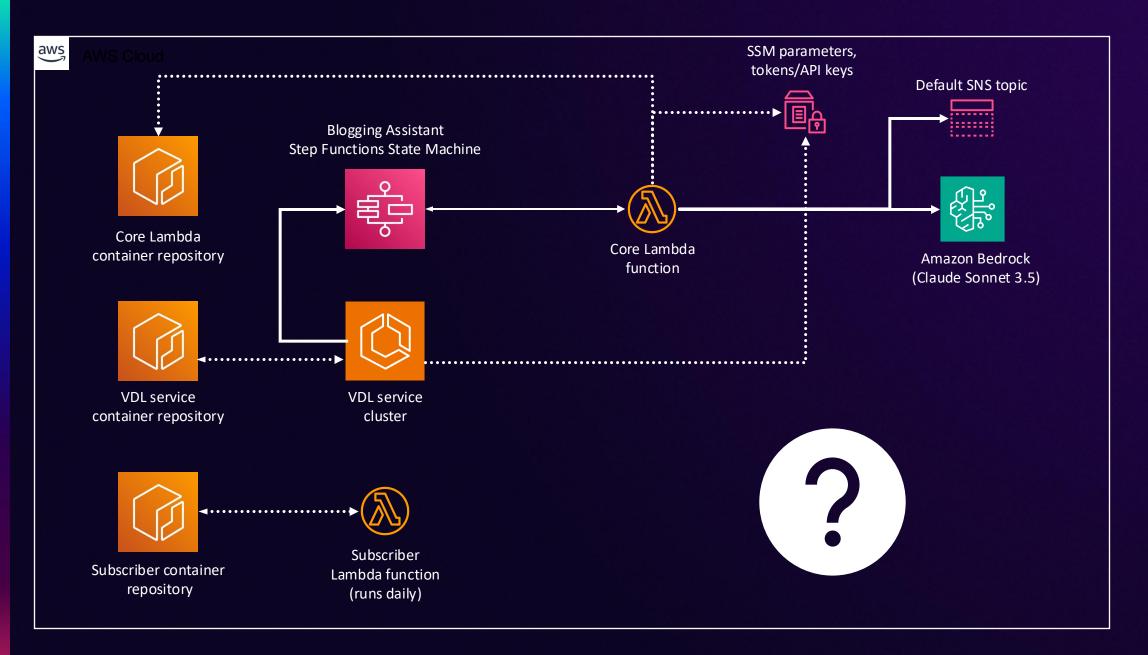


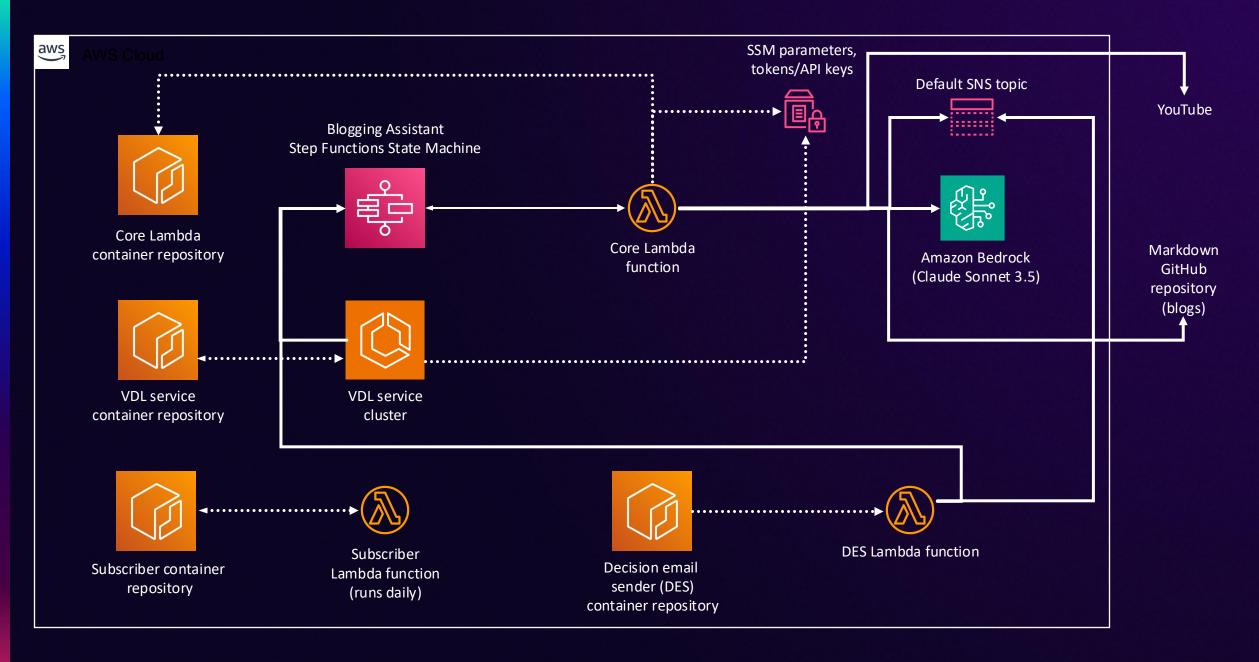






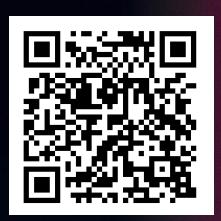






Thank you!

Damien Burks



Brandon Carroll





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