AWS re:Invent

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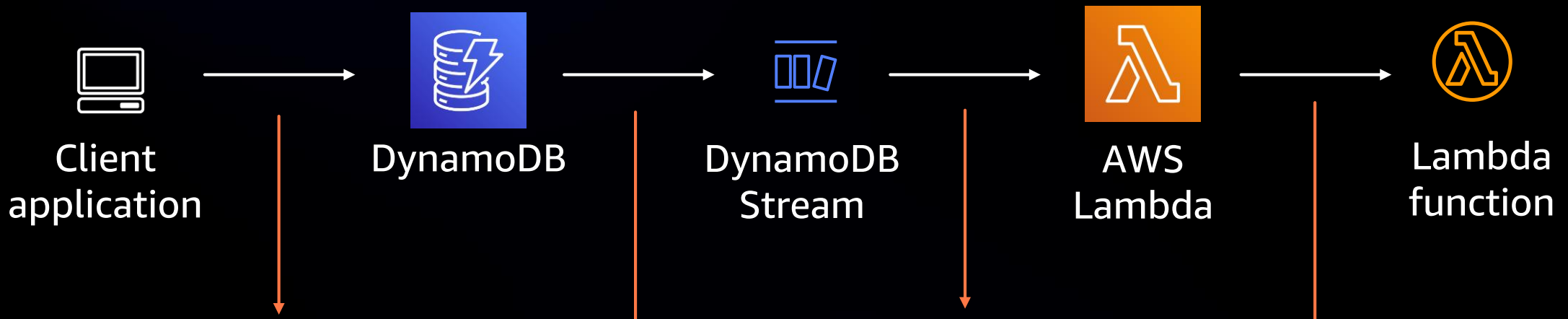
SVS314

Becoming an expert on streaming data architectures with AWS Lambda

Heeki Park
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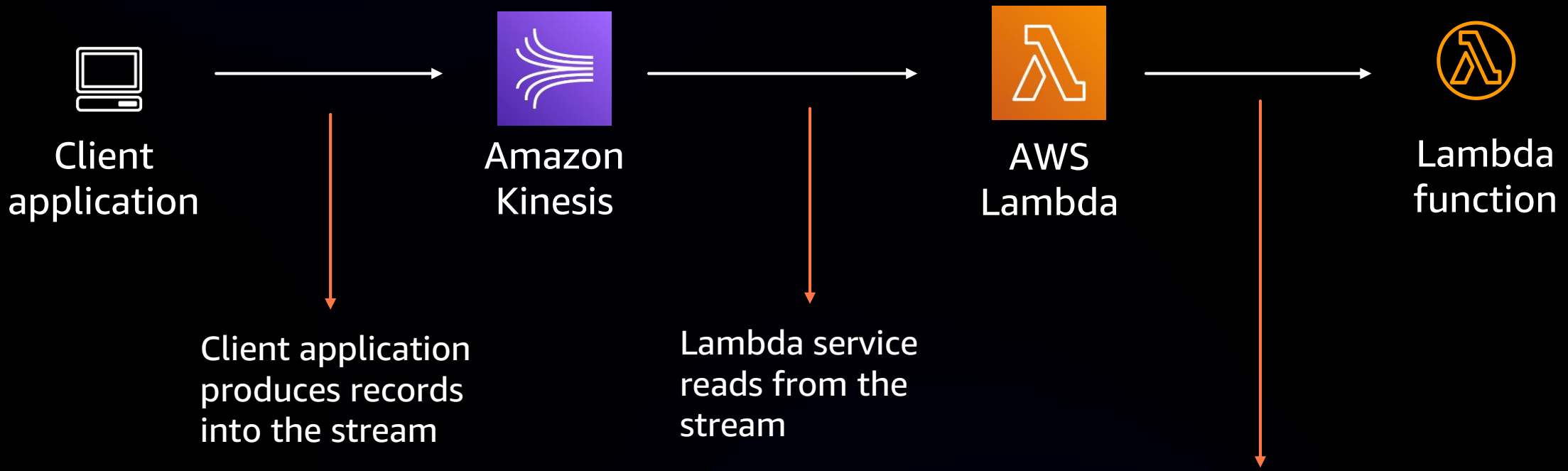
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Amazon DynamoDB Streams



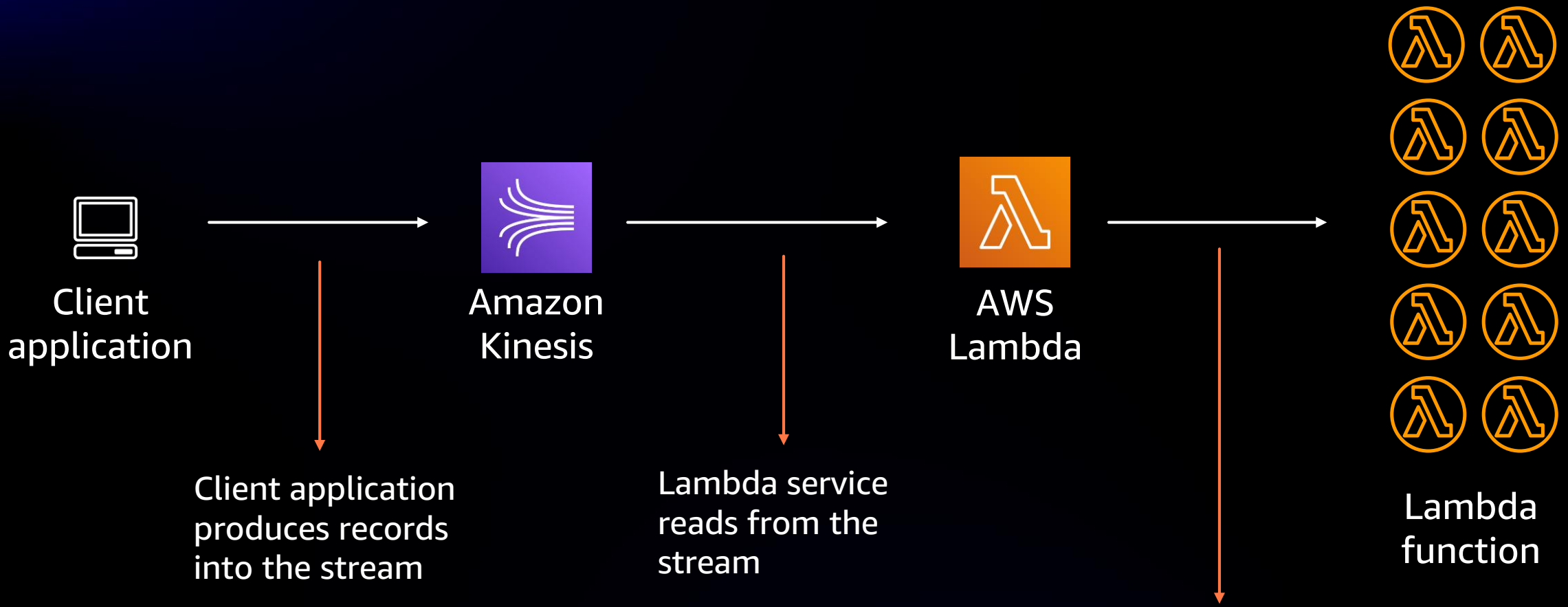
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Amazon Kinesis Data Streams



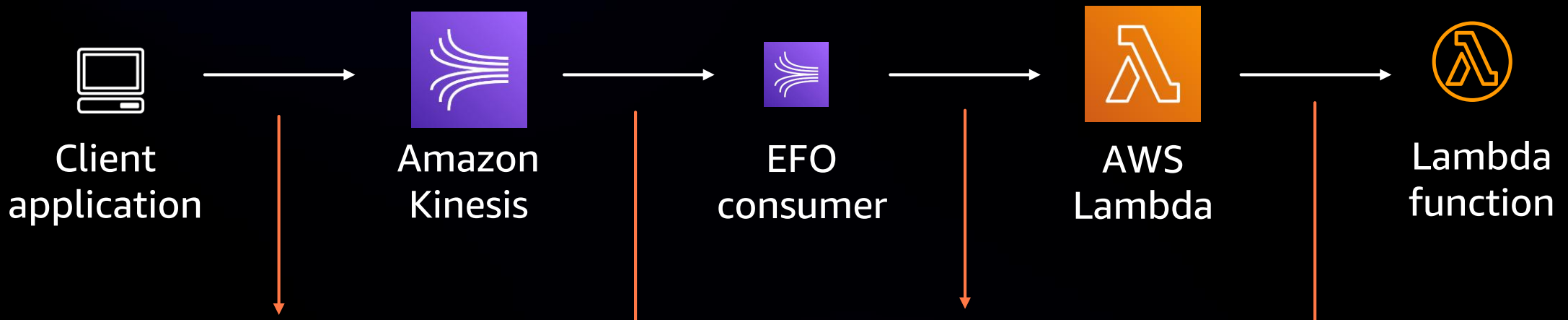
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Amazon Kinesis Data Streams



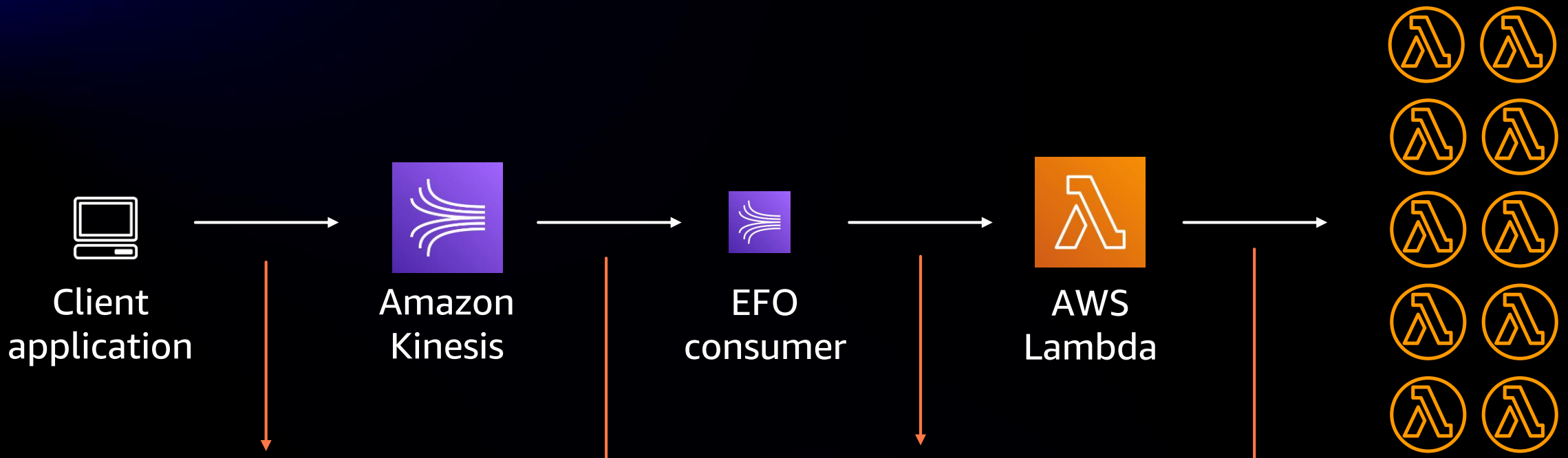
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Amazon Kinesis Data Streams



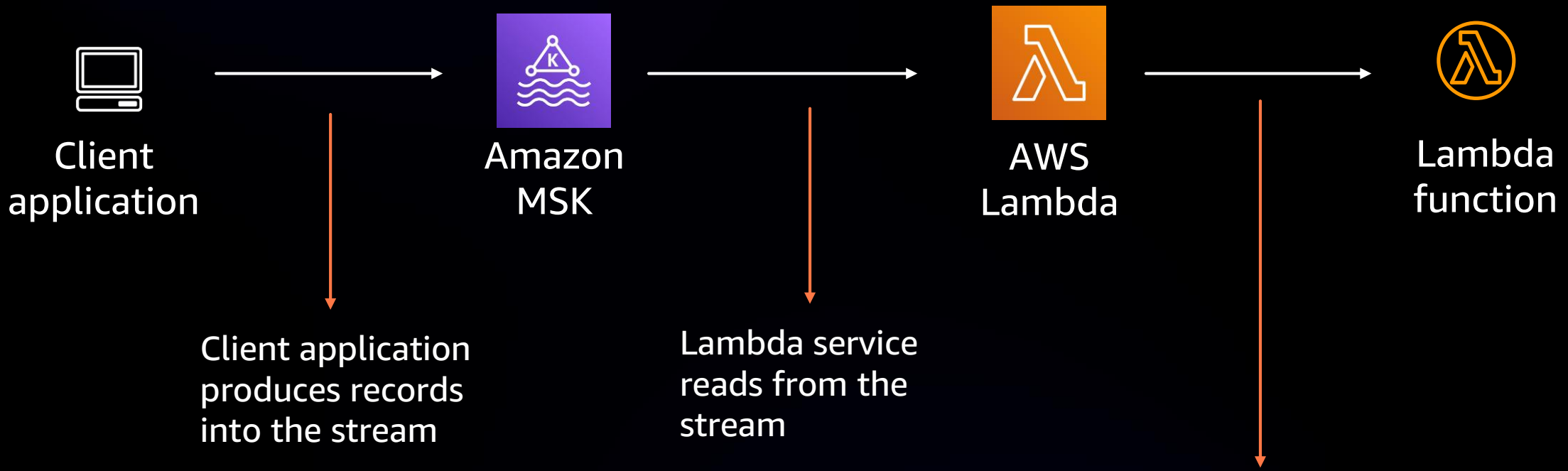
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Amazon Kinesis Data Streams



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Amazon Managed Streaming for Kafka



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Challenge 1

The IteratorAge metric on my Kinesis or DynamoDB stream periodically grows rapidly. How do I address those spikes?

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Challenge 2

What are ways that I can optimize consumer latency for my streaming applications in order to get the closest to real time as possible?

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Challenge 3

What are ways that I can increase processing throughput for my streaming applications in order to process large amounts of streaming data quickly?

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Thank you!

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