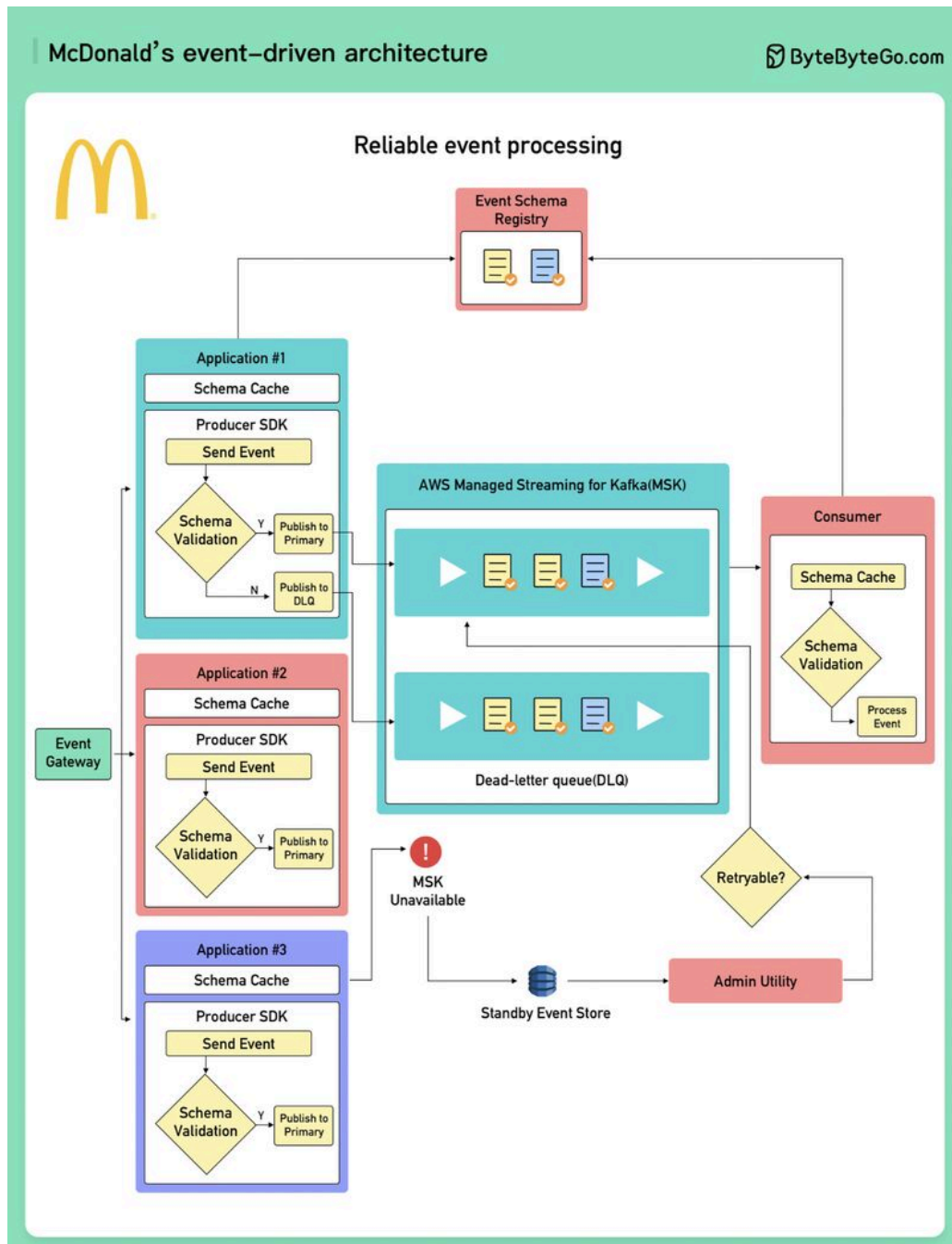


Think you know everything about McDonald's? What about its event-driven architecture 🤖?



McDonald's standardizes events using the following components:

- An event registry to define a standardized schema.
- Custom software development kits (SDKs) to process events and handle errors.

- An event gateway that performs identity authentication and authorization.
- Utilities and tools to fix events, keep the cluster healthy, and perform administrative tasks.

To scale event processing, McDonald uses a regional architecture that provides global availability based on AWS. Within a region, producers shard events by domains, and each domain is processed by an MSK cluster. The cluster auto-scales based on MSK metrics (e.g., CPU usage), and the auto-scale workflow is based on step-functions and re-assignment tasks.