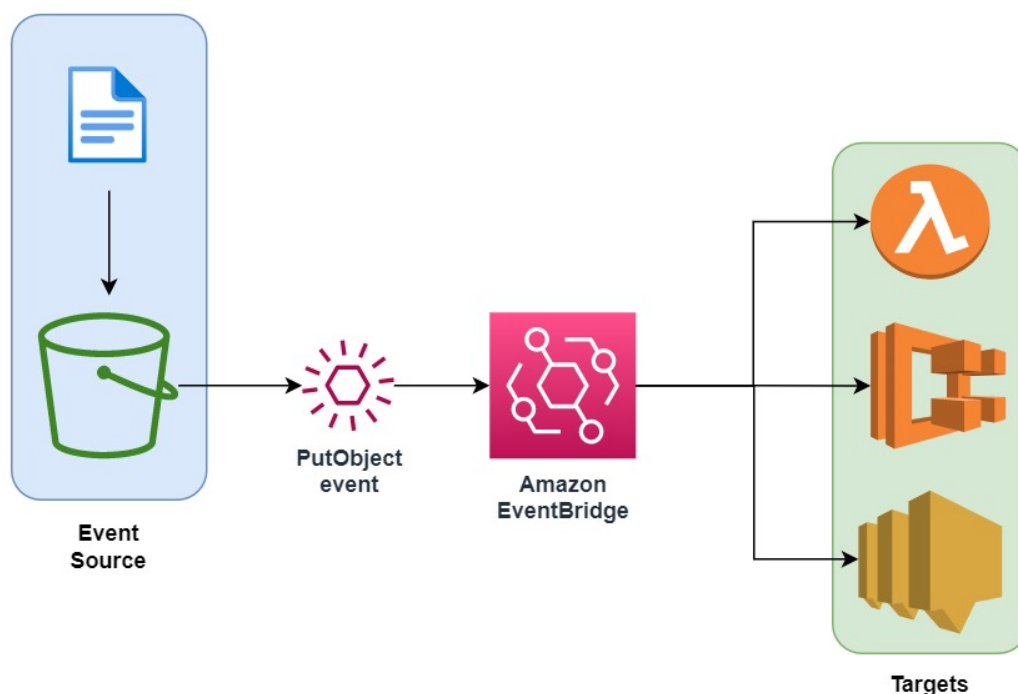# Amazon EventBridge

One of three aforementioned services used for the decoupling of architectures, **Amazon EventBridge (formerly called Amazon CloudWatch Events)** is a serverless event bus that makes it easy to connect applications together. It uses data from your own applications, integrated software as a service (SaaS) applications, and AWS services.

This simplifies the process of building event-driven architectures by decoupling event producers from event consumers. This allows producers and consumers to be scaled, updated, and deployed independently. Loose coupling improves developer agility in addition to application resiliency.

Source: AWS

Further, something worth noting is that we can use Amazon EventBridge (Amazon CloudWatch Events) to run Amazon ECS tasks when certain AWS events occur. This can allow us to easily integrate AWS events with tasks defined in AWS Lambda, ECS and other targeted serves.

An architecture diagram showing how EventBridge rules can be used to run an Amazon ECS task whenever a file is uploaded to a certain Amazon S3 bucket using the Amazon S3 PUT operation has been provided for the easy understanding of the reader.