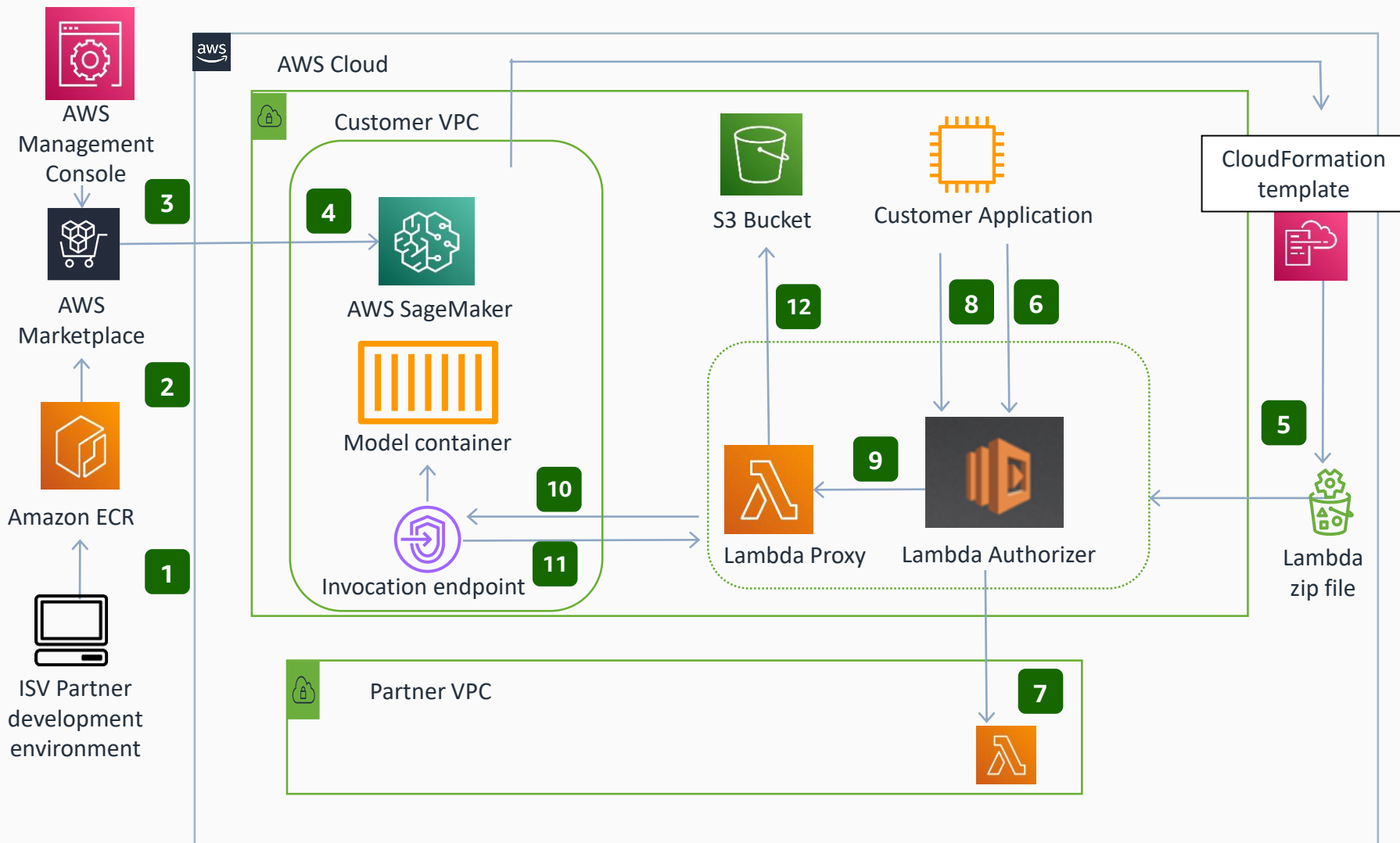


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- 1 ISV Partner write and package their model code as a Docker image and push the image into **Amazon Elastic Container Registry** (Amazon ECR).
- 2 Partner packages/pushes the image as a machine learning (ML) model for listing on AWS Marketplace.
- 3 Customer subscribes to the listing on AWS Marketplace.
- 4 Upon subscription, an **Amazon SageMaker** instance is provisioned in the customer's VPC in network isolation mode - along with the model container image and the invocation endpoint.
- 5 Customer runs the **AWS CloudFormation** template that deploys the **AWS Lambda** functions from the zip file located in **Amazon Simple Storage Service** (Amazon S3) repository.
- 6 Customer application invokes an Lambda Init endpoint to validate the subscription from the seller.
- 7 Lambda Authorizer then invokes the Lambda function running in partner's VPC to return an authorization token that is valid for certain duration.
- 8 Customer application invokes Lambda request endpoint along with authorization token and the data to be processed.
- 9 Lambda Authorizer validates the authorization token and forwards the call to the Lambda proxy.
- 10 The Lambda proxy calls the SageMaker endpoint running in network isolation mode, along with the data to be processed.
- 11 The SageMaker endpoint returns the response back to the Lambda function along with the processed data.
- 12 Lambda stores the response in the Amazon S3 bucket for the buyer application to use.