

Integrating Applications with REST Proxy



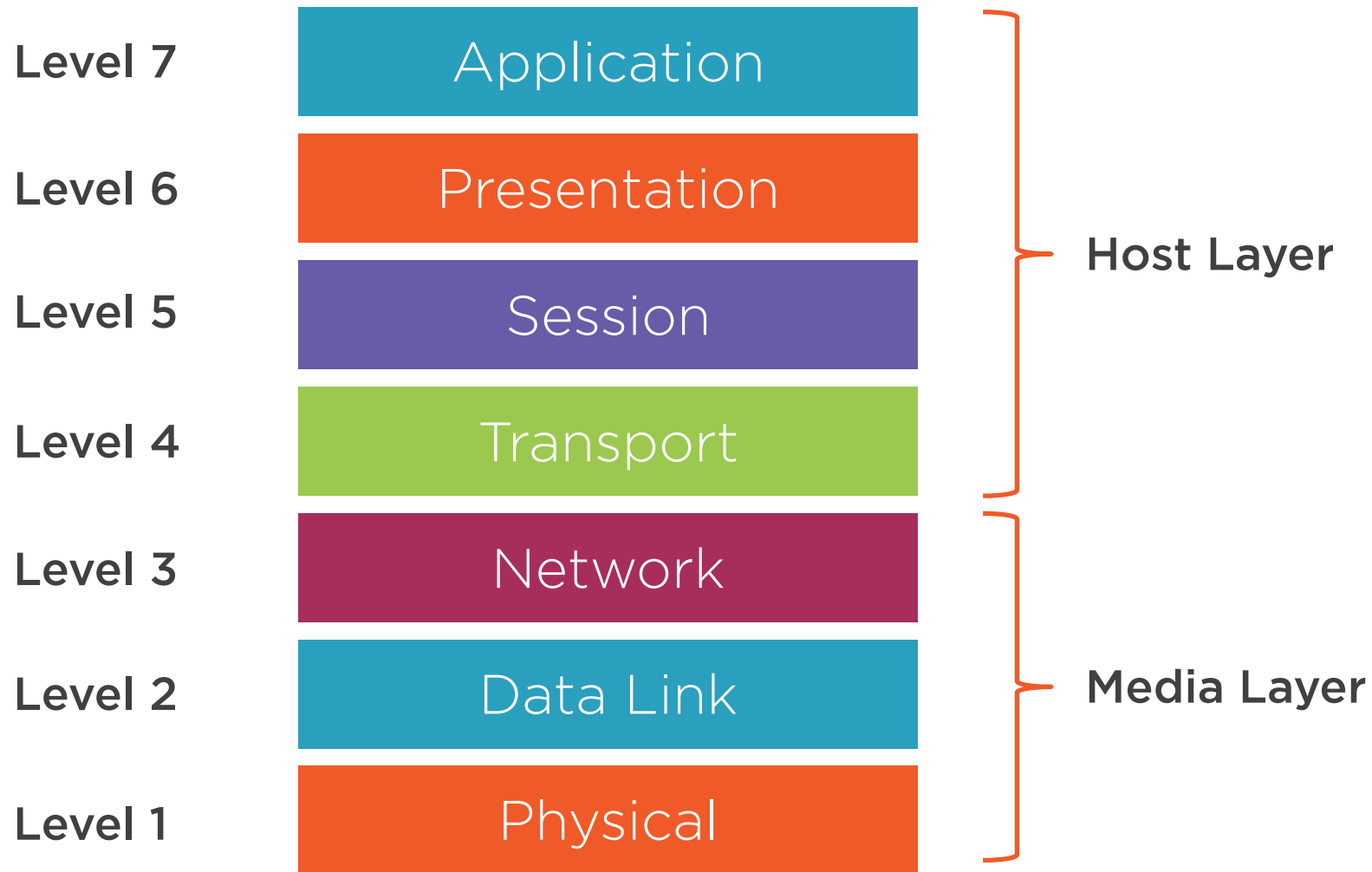
Bogdan Sucaciu

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@BSucaciu



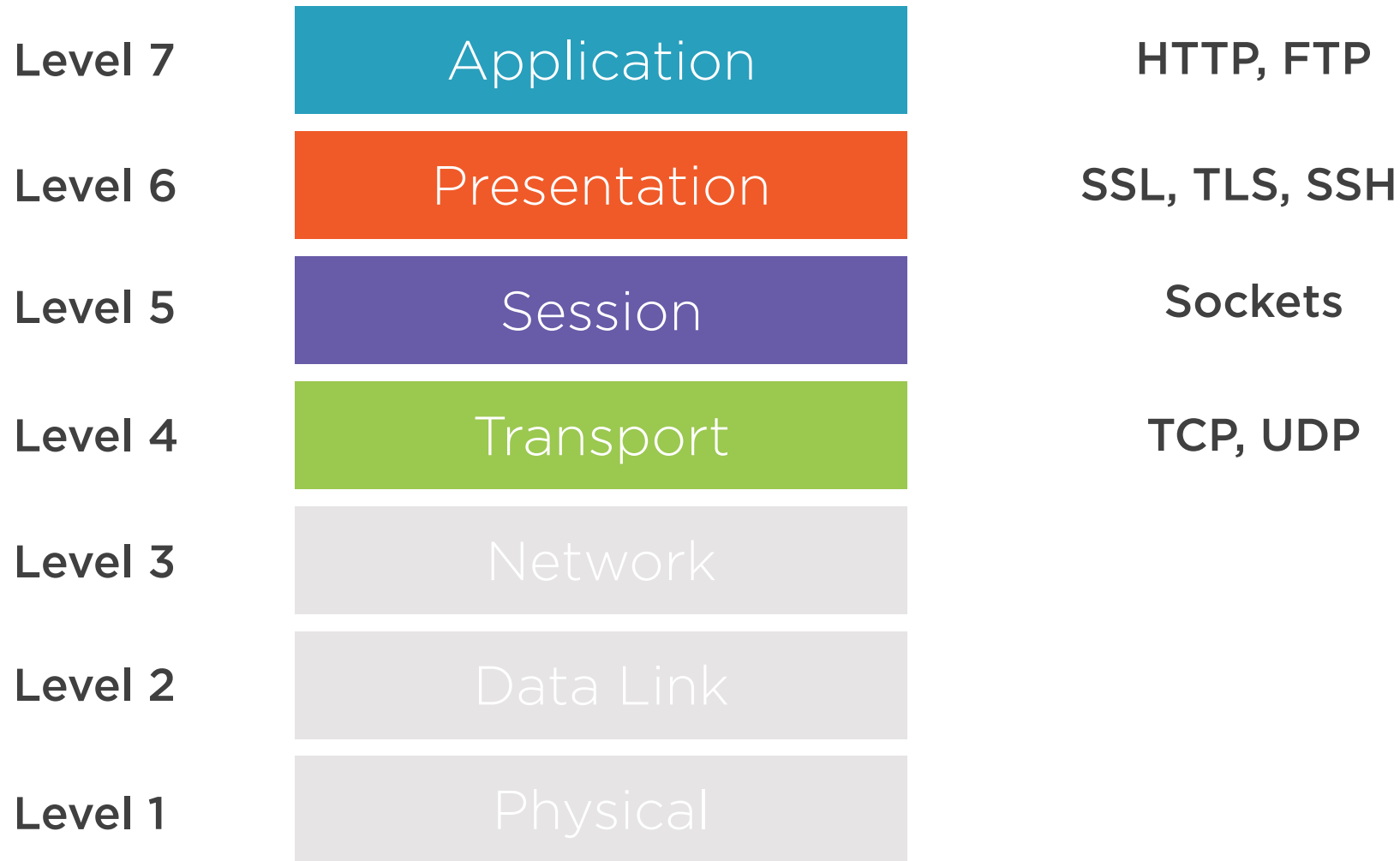
Kafka Protocol



OSI Network Model



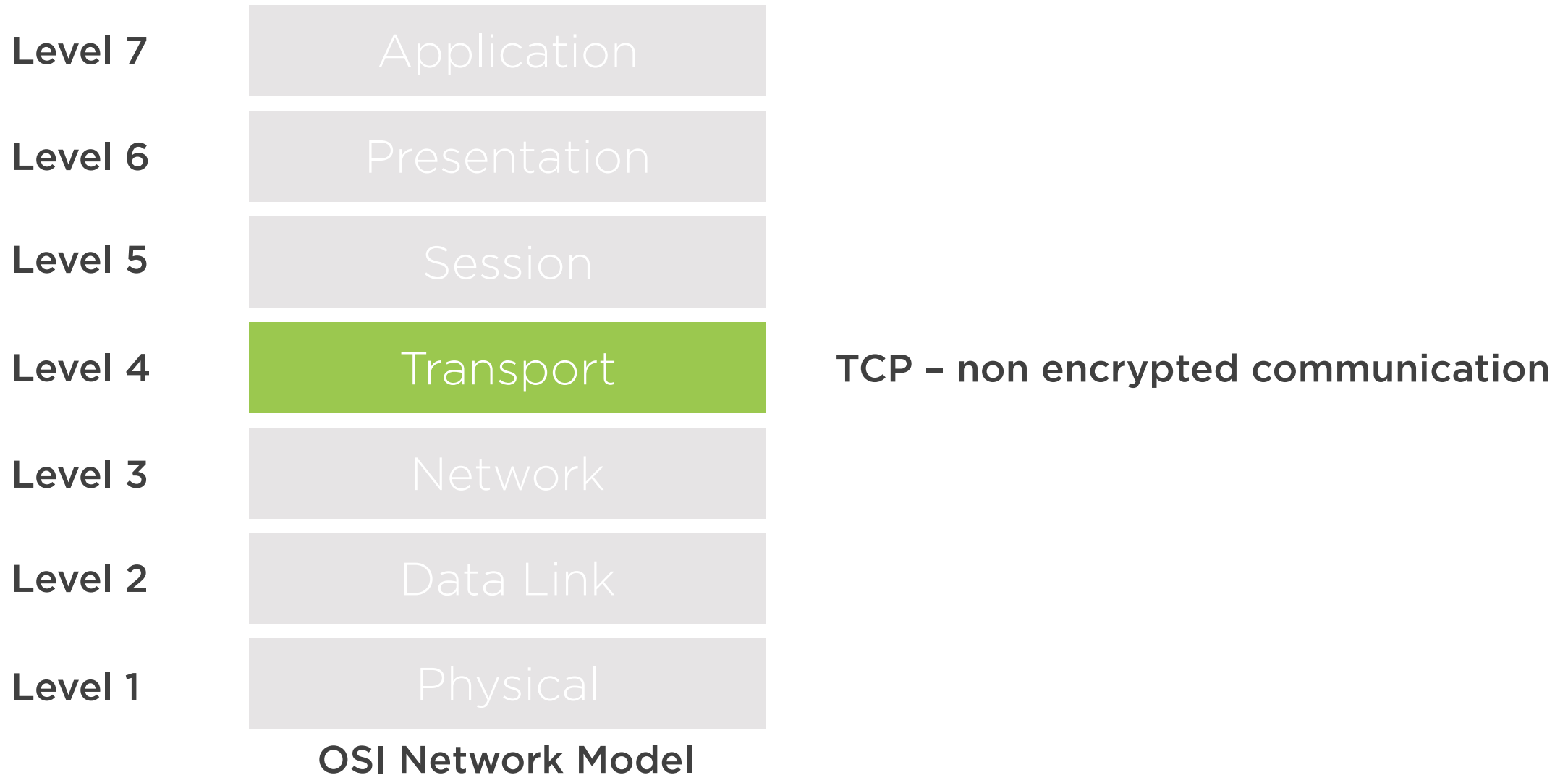
Kafka Protocol



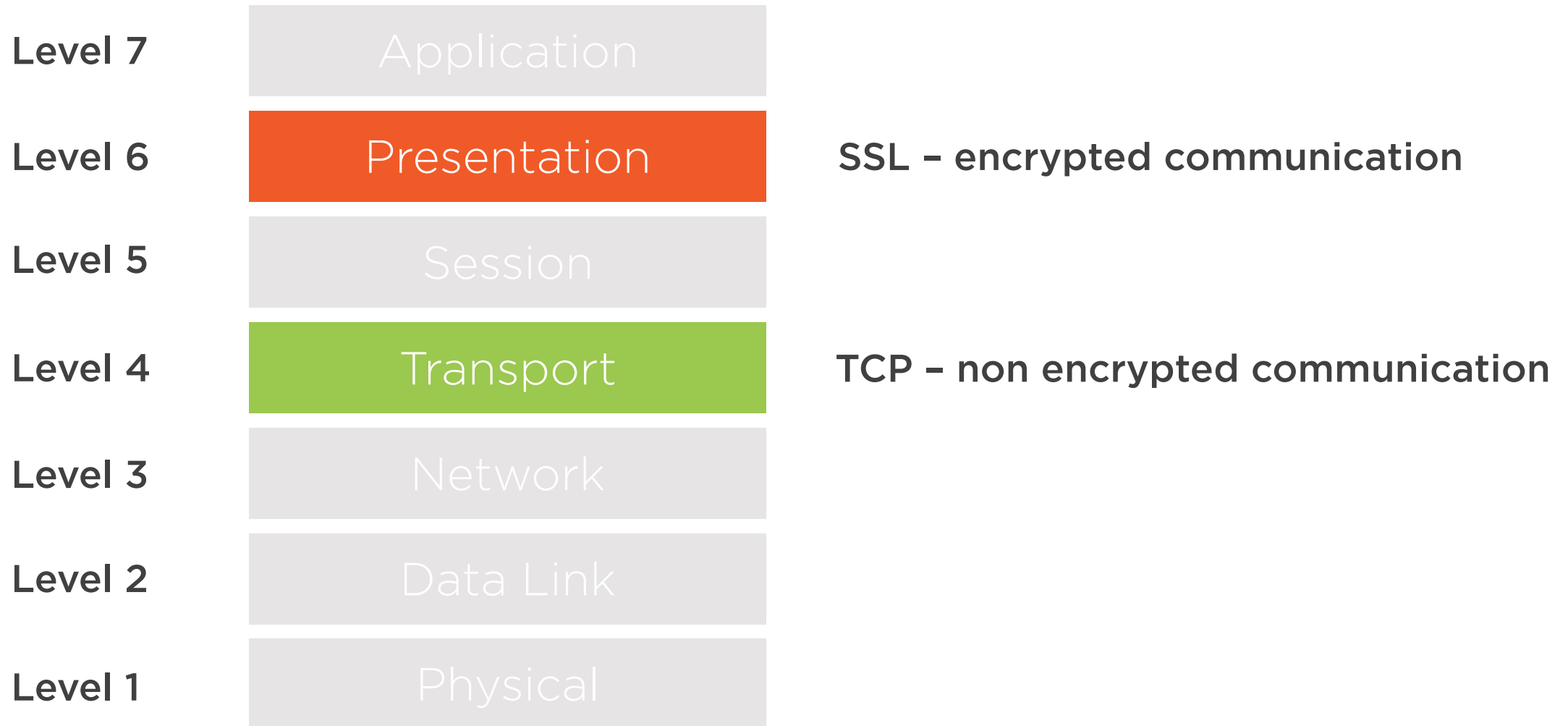
OSI Network Model



Kafka Protocol



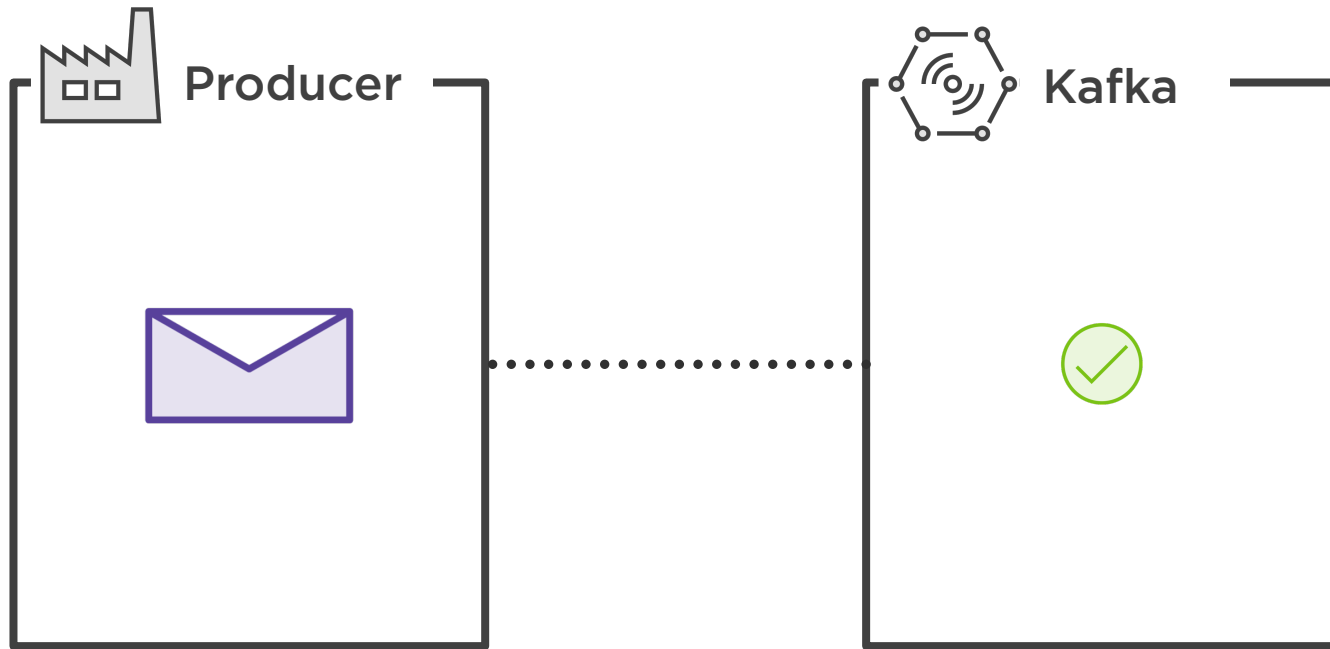
Kafka Protocol



OSI Network Model



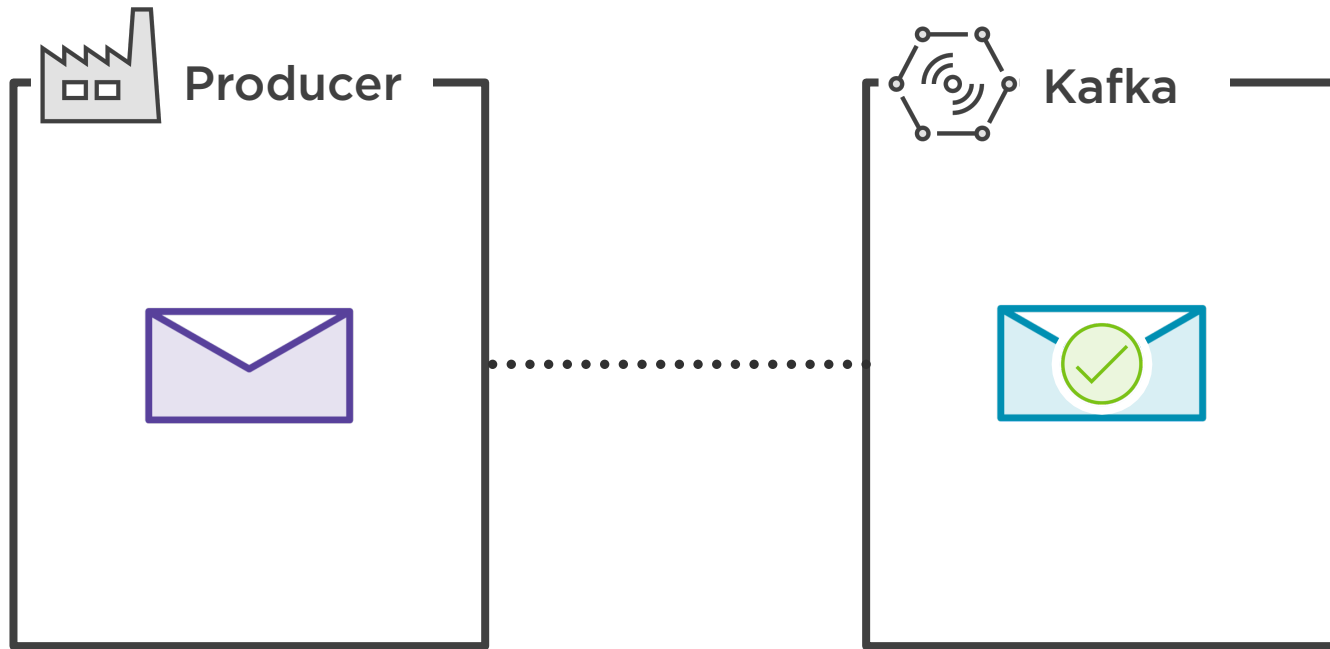
Kafka Clients



TCP Connection



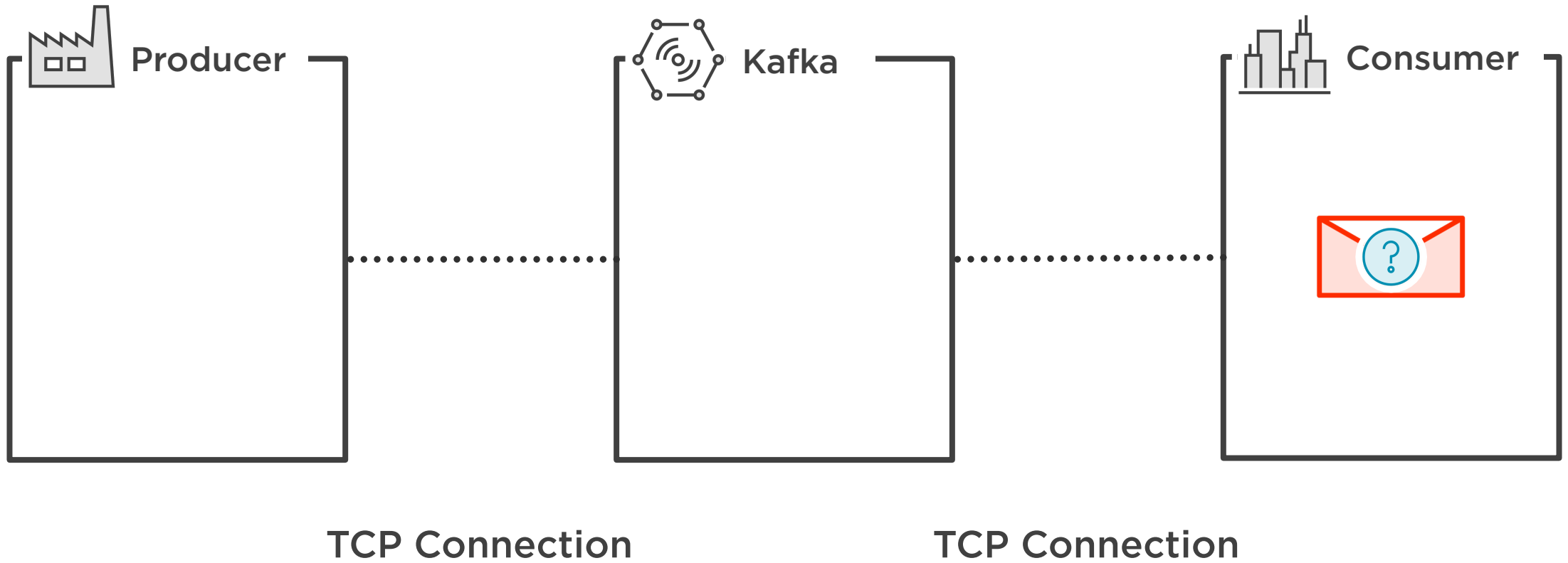
Kafka Clients



TCP Connection



Kafka Clients





Java

C/C++

Python

Go (Golang)

Erlang

.NET

Clojure

Ruby

Node.js

Perl

PHP

Rust

Storm

Scala

Swift

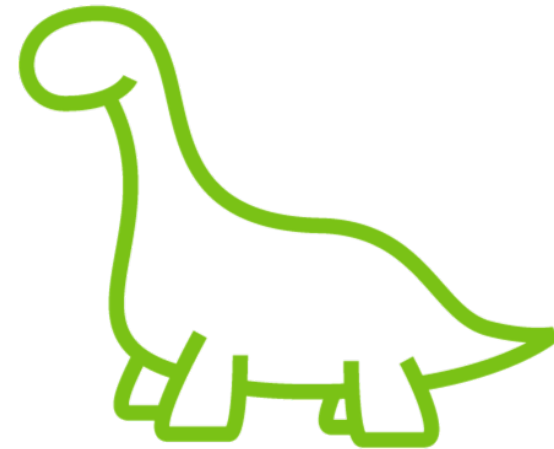


Not Everyone Can Use Kafka



No client

Programming language which does not have a Kafka Client implementation

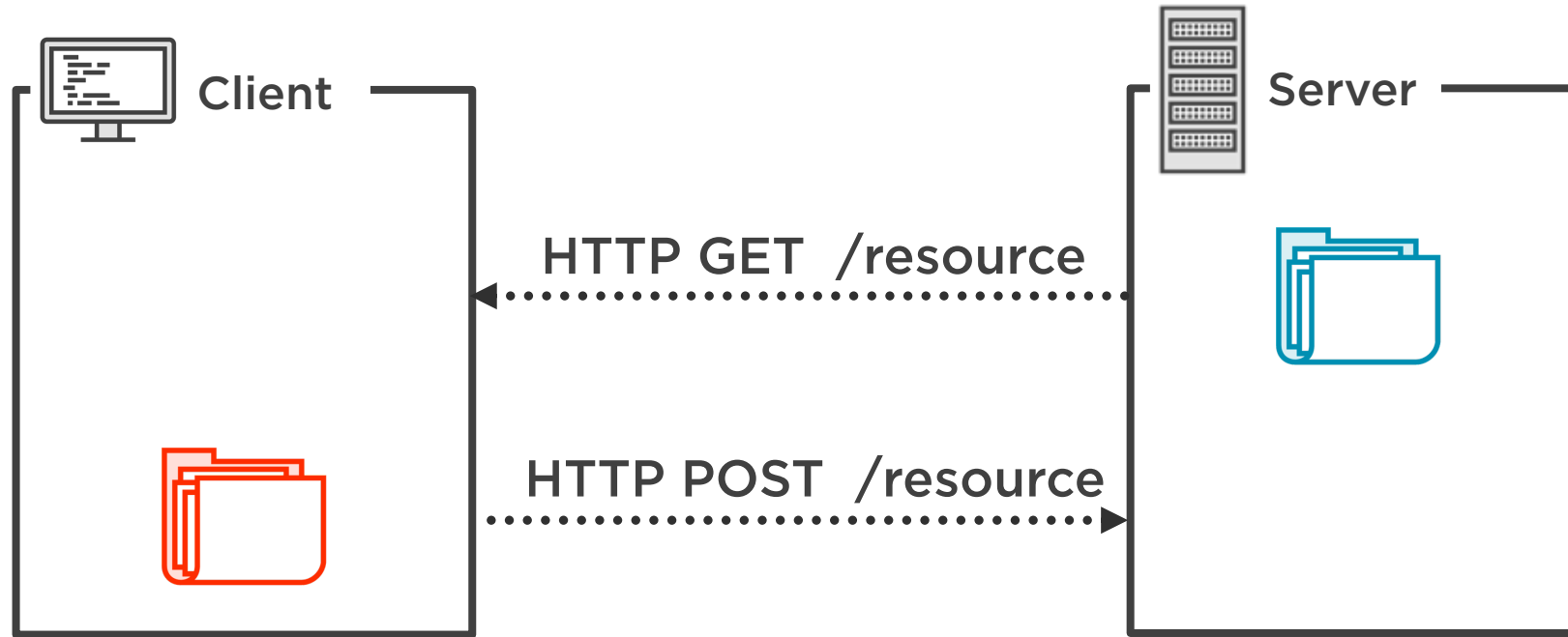


Legacy application

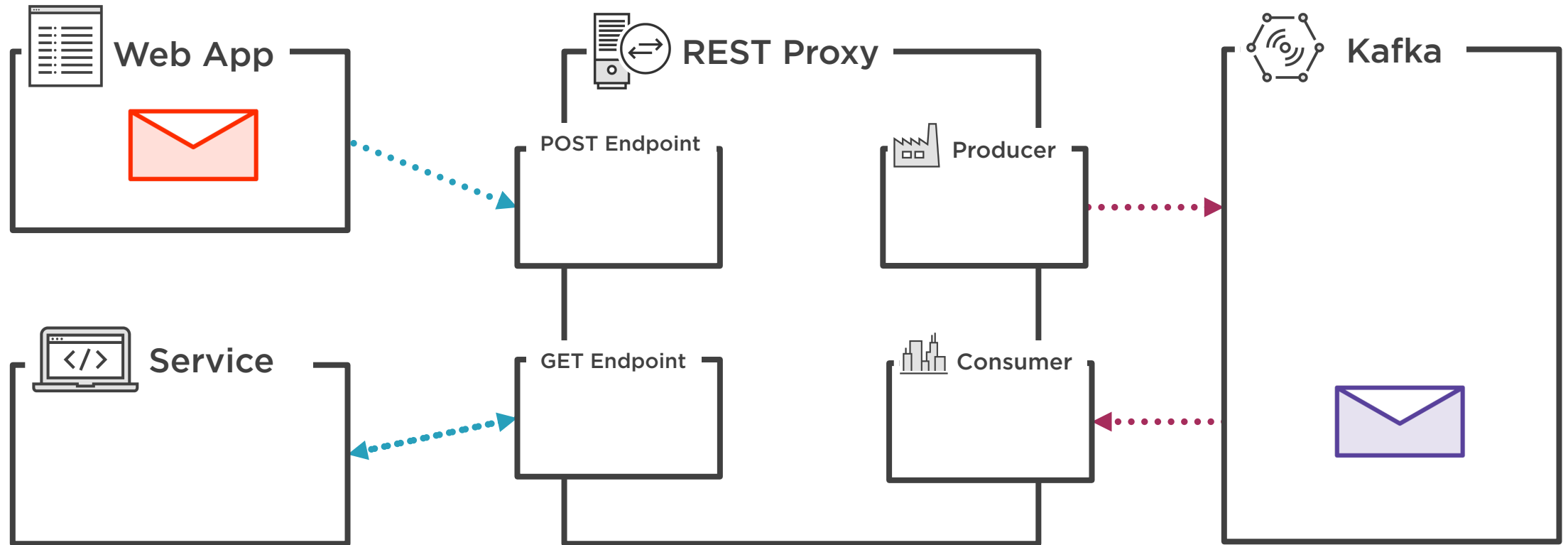
Old application which cannot use the Kafka Clients



REST



REST Proxy

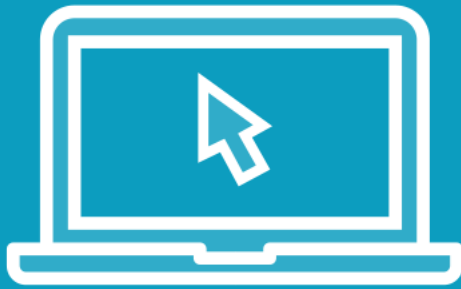


HTTP

Kafka Protocol (TCP)



Demo



Set up REST Proxy

Produce / consume “designs”



Confluent Community License

You can **access** the source code and **modify** or **redistribute** it; there is only one thing you cannot do, and that is use it to make a competing SaaS offering.

-Confluent Website



Summary



Kafka Clients

REST Proxy



Congratulations



Course Wrap-up



Event-Driven Architectures

Apache Kafka

Clients

Streaming



What's Next?



Continue Your Journey



Getting Started with Apache Kafka

Getting to Know Apache Kafka Architecture
by Ryan Plant

This course will introduce you to Apache Kafka and provide a thorough tour of its architecture so you can start building your next enterprise system with it.

 **Ryan Plant**
COURSE AUTHOR
www.ryanplant.com

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