

# Course Summary

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**Stephen Haunts**

DEVELOPER, LEADER, AUTHOR AND TRAINER

@stephenhaunts [www.stephenhaunts.com](http://www.stephenhaunts.com)



RabbitMQ



RabbitMQ

**Reliability**

**Routing**

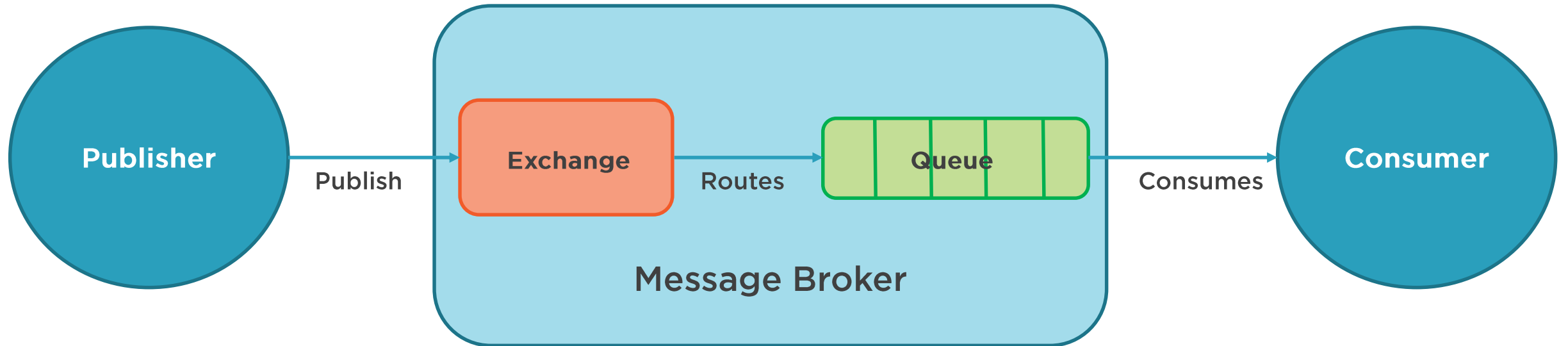
**Clustering and High Availability**

**Management Web Interface**

**Command Line Interface**



# RabbitMQ



# RabbitMQ

**Direct Exchange**

**Fanout Exchange**

**Topic Exchange**

**Headers Exchange**



# RabbitMQ



by Pivotal

[Features](#) [Installation](#) [Docs](#) [Tutorials](#) [Support](#) [Community](#) [Pivotal is Hiring](#) [Blog](#)

## Client Documentation

### Java Client

- › [API Guide](#)
- › [Javadoc API reference](#)
- › [JMS client](#) (commercial)
- › [Command line tools](#)

### .NET Client

- › [API Guide](#)
- › [API reference](#)

### Erlang Client

- › [Erlang edoc](#)
- › [Erlang Client API Guide](#)

### Other links

- › [AMQP URI spec](#)
- › See the [developer tools](#) for community-contributed code.

#### In This Section

- › [Server Documentation](#)
- › **Client Documentation**
  - › [Java Client Guide](#)
  - › [.NET Client Guide](#)
  - › [Heartbeats](#)
  - › [Erlang Client Guide](#)
  - › [AMQP URI Spec](#)
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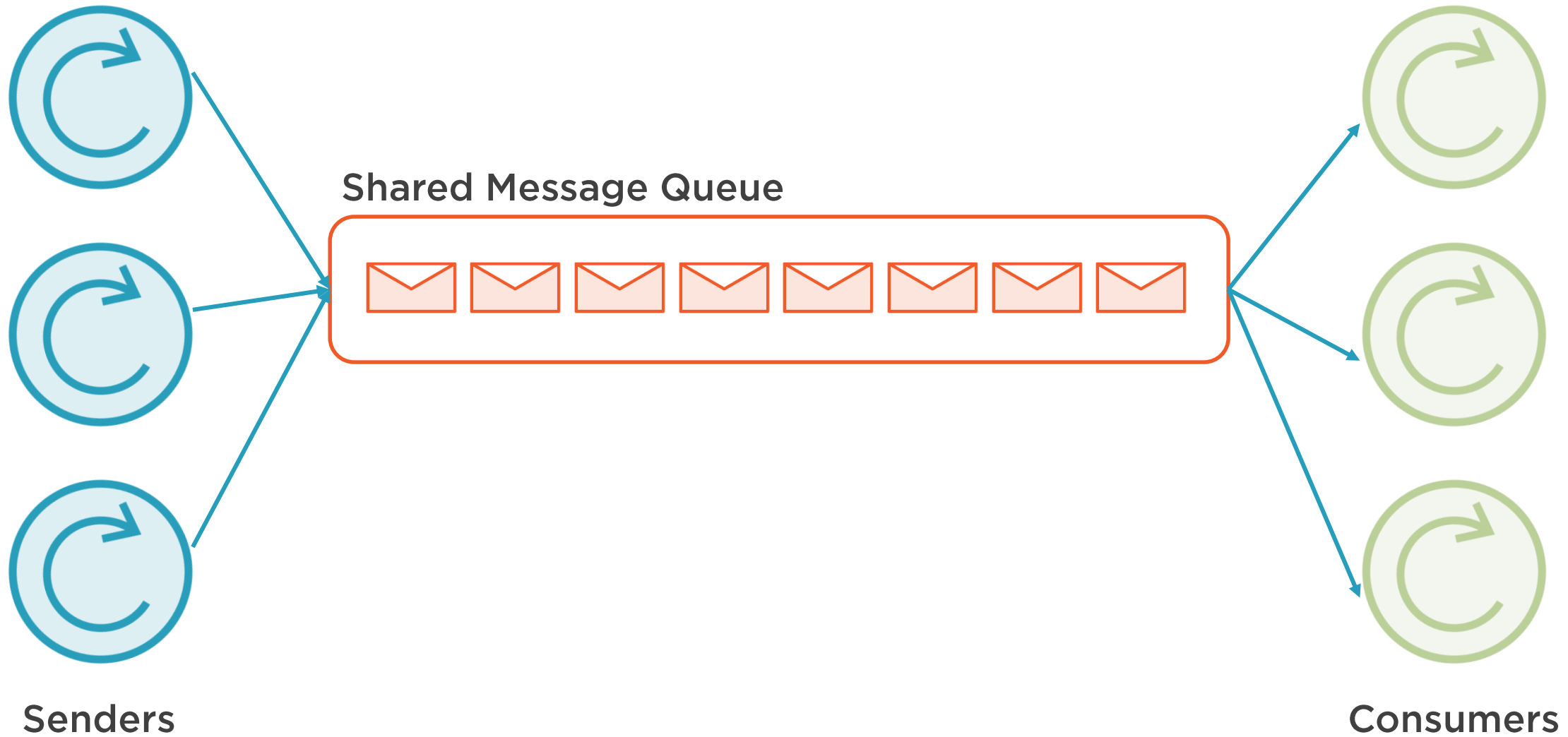
#### Related Links

- › [.NET Guide \(pdf\)](#)
- › [Java Client javadoc](#)
- › [.NET htmldoc](#)
- › [Erlang edoc](#)

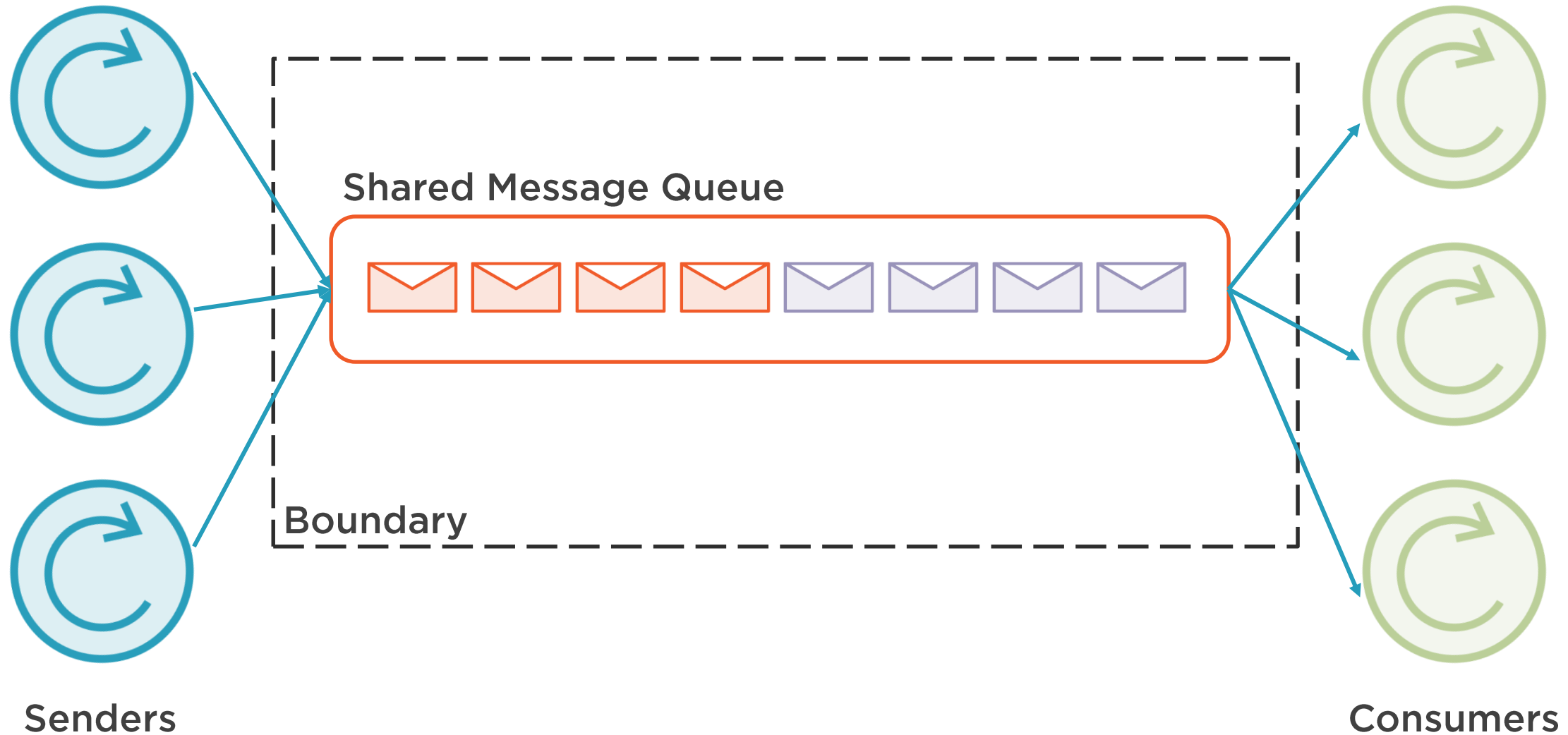
<https://www.rabbitmq.com/clients.html>



# Message Queueing

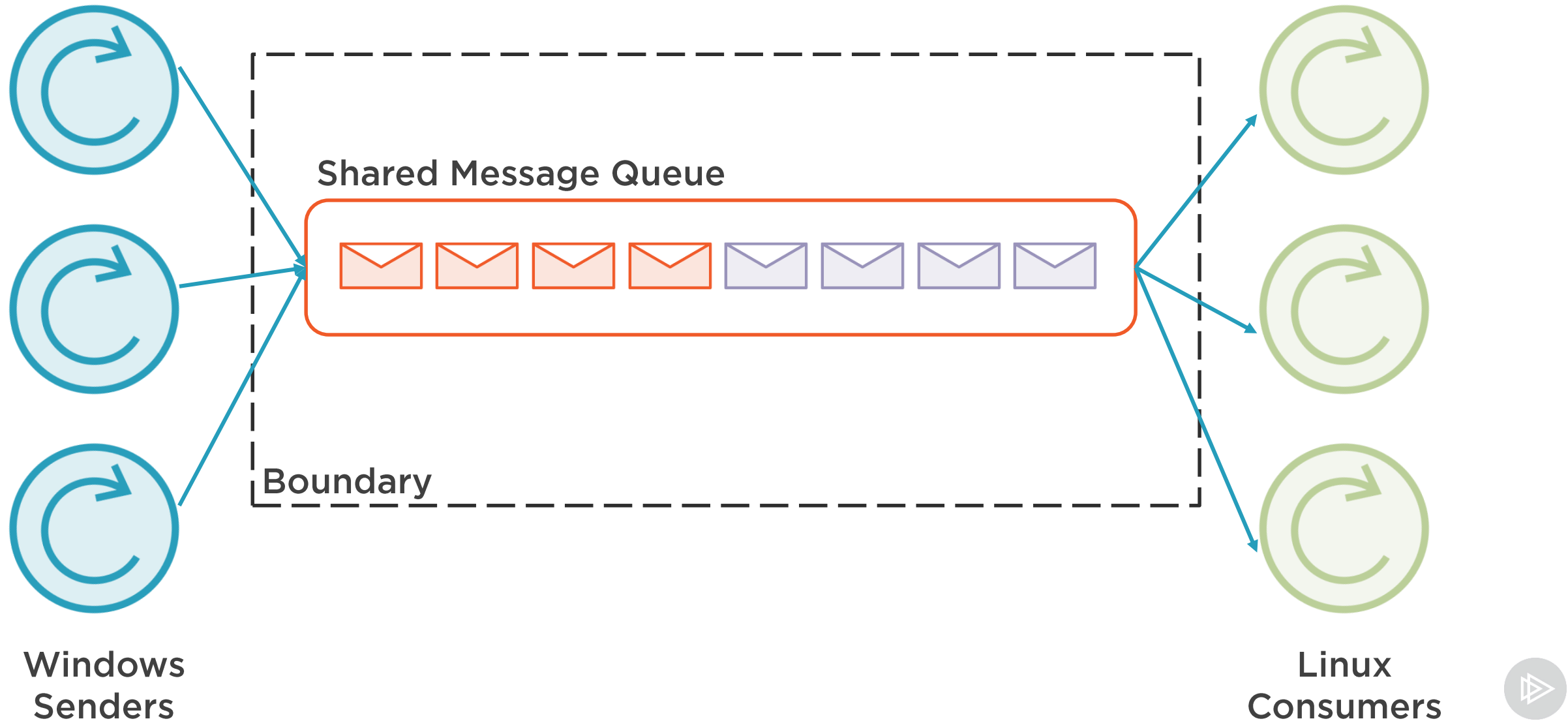


# Message Queueing

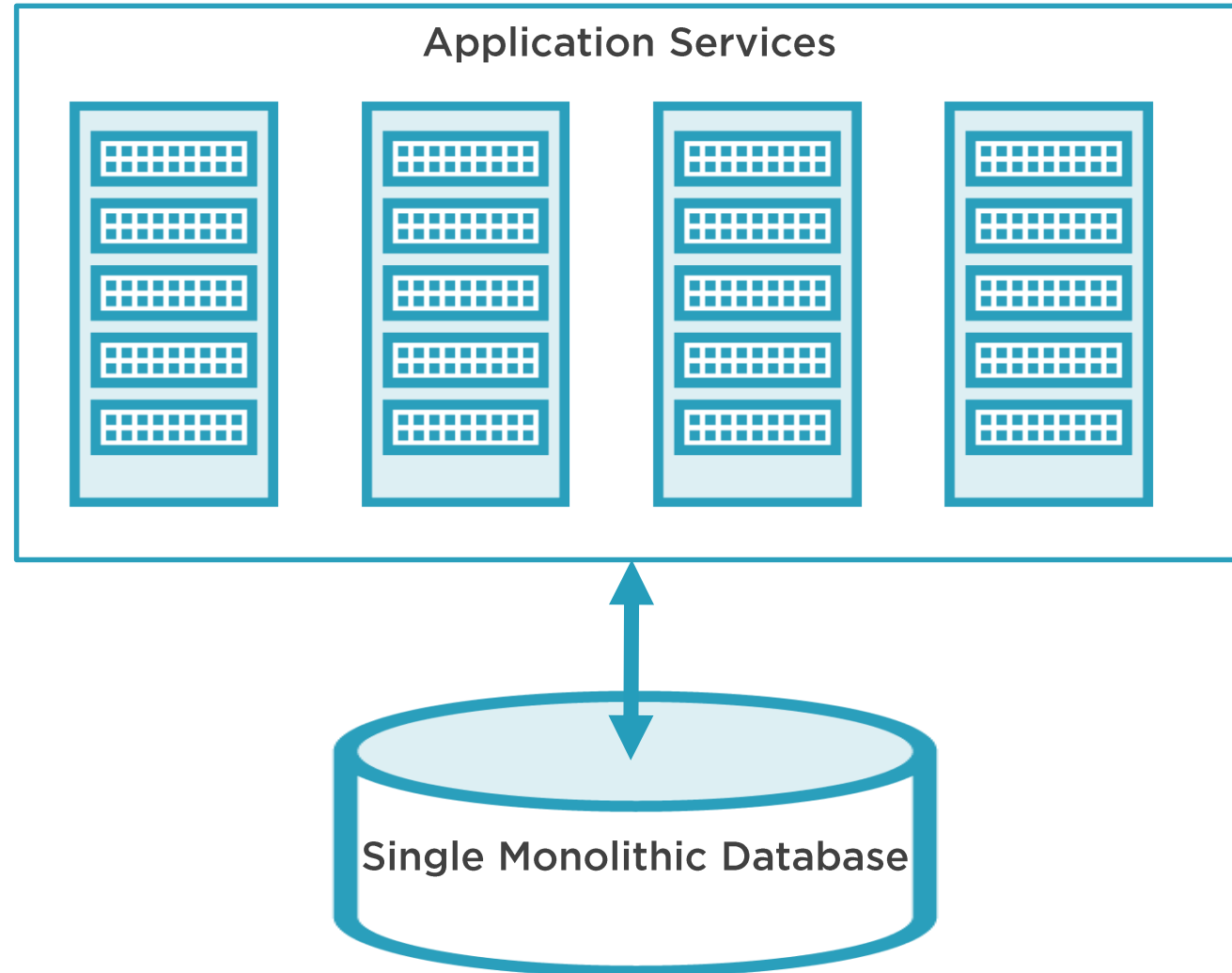




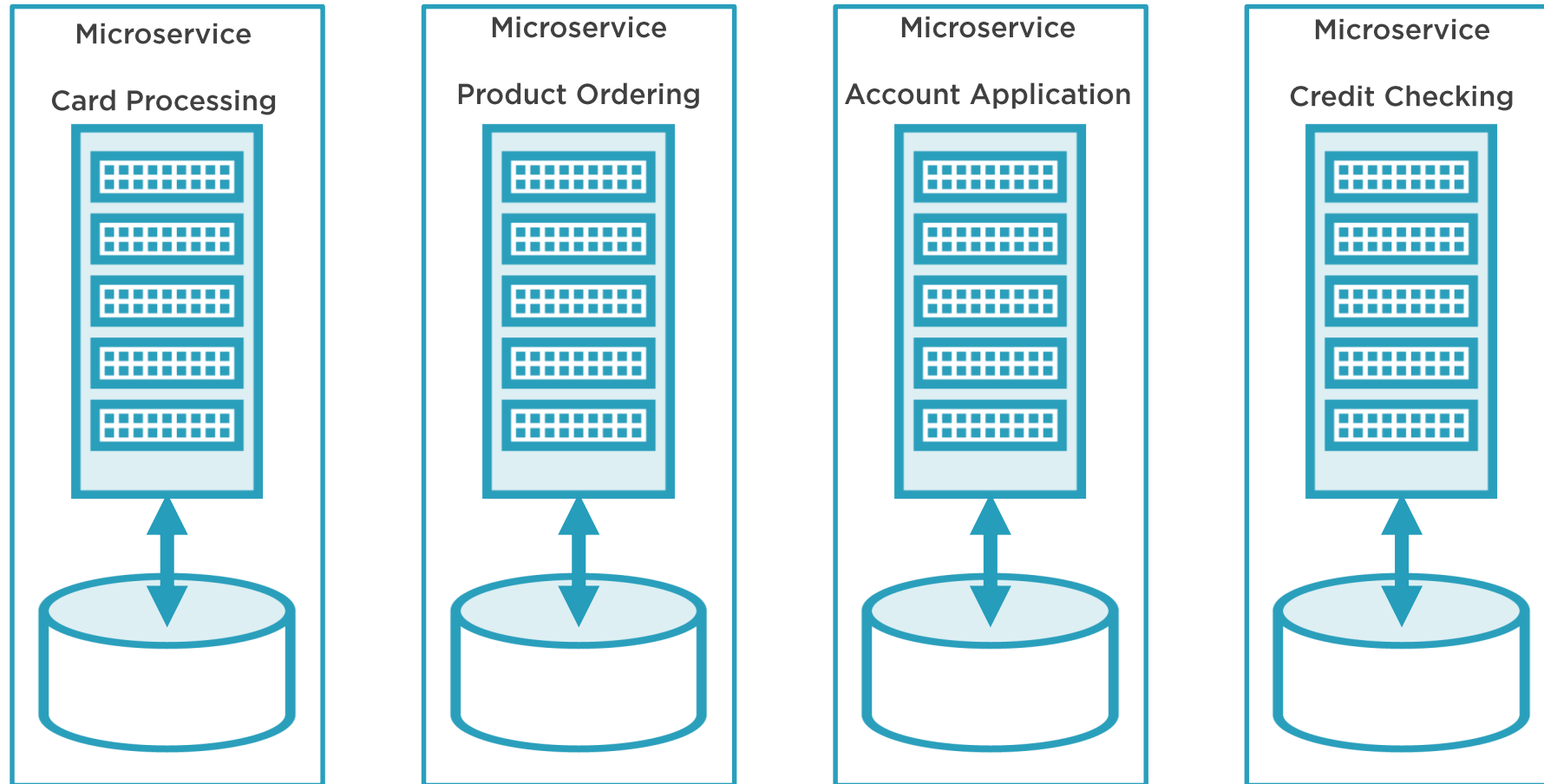
# Message Queueing



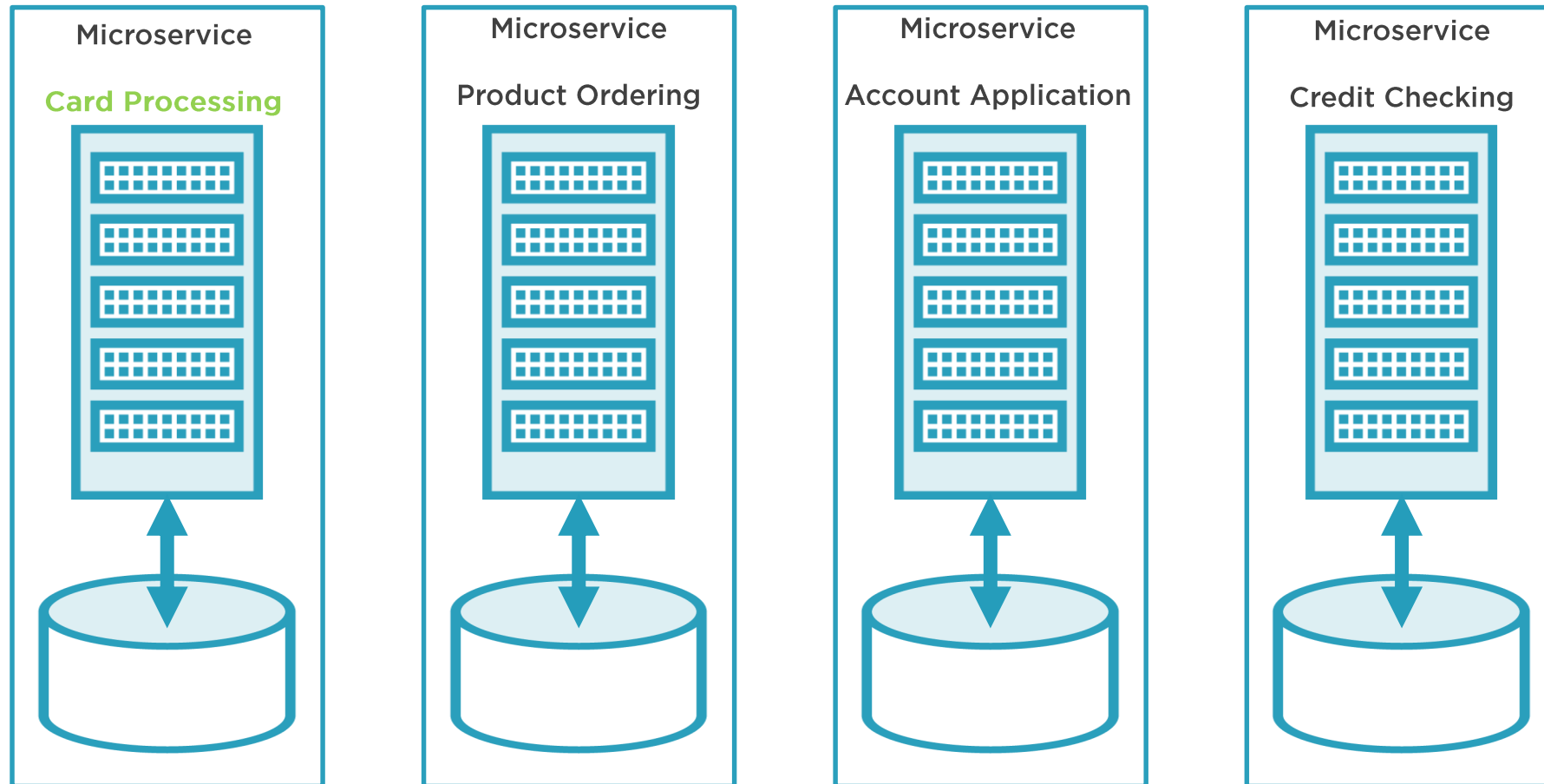
# Microservice Architecture



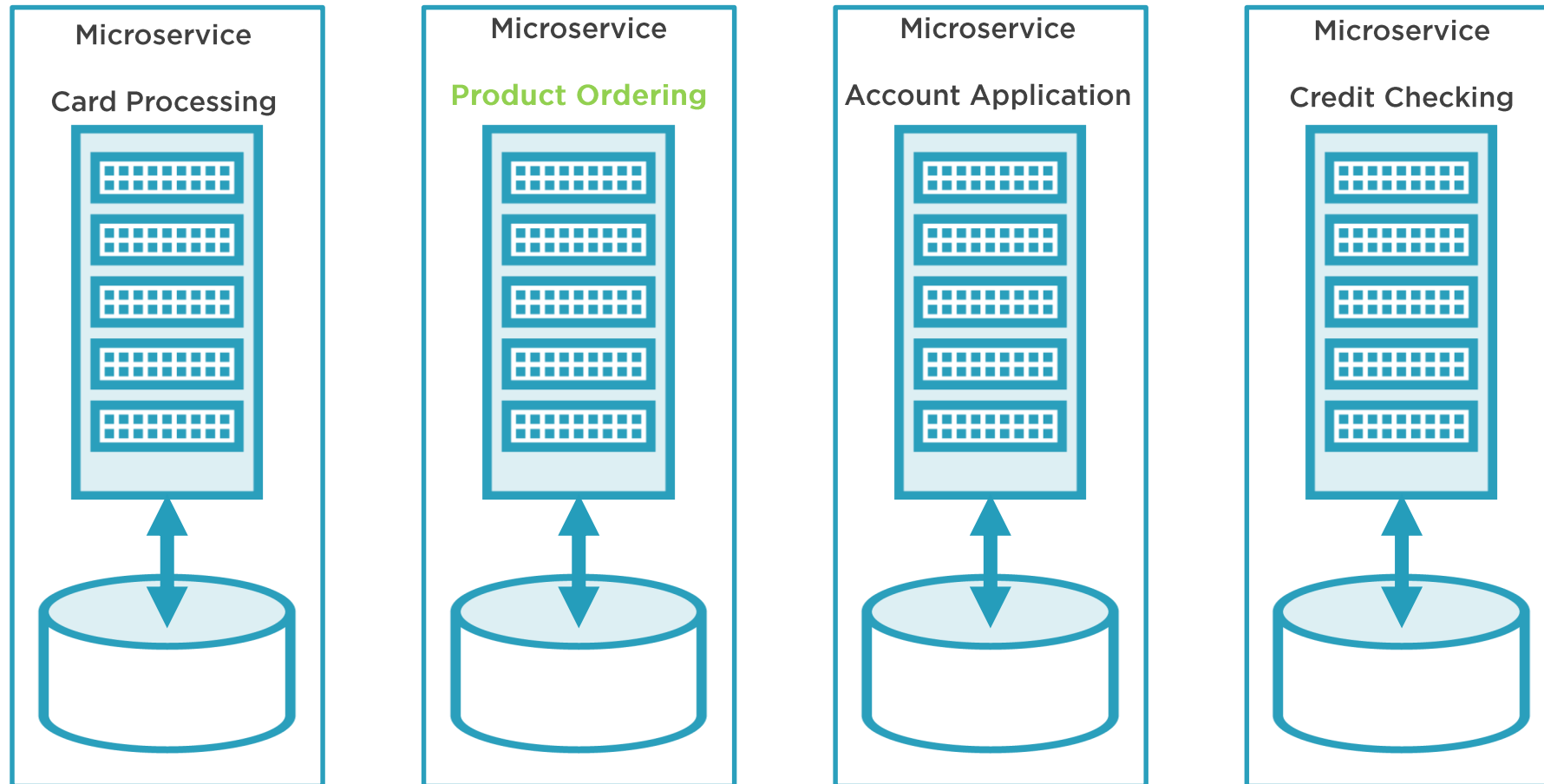
# Microservice Architecture



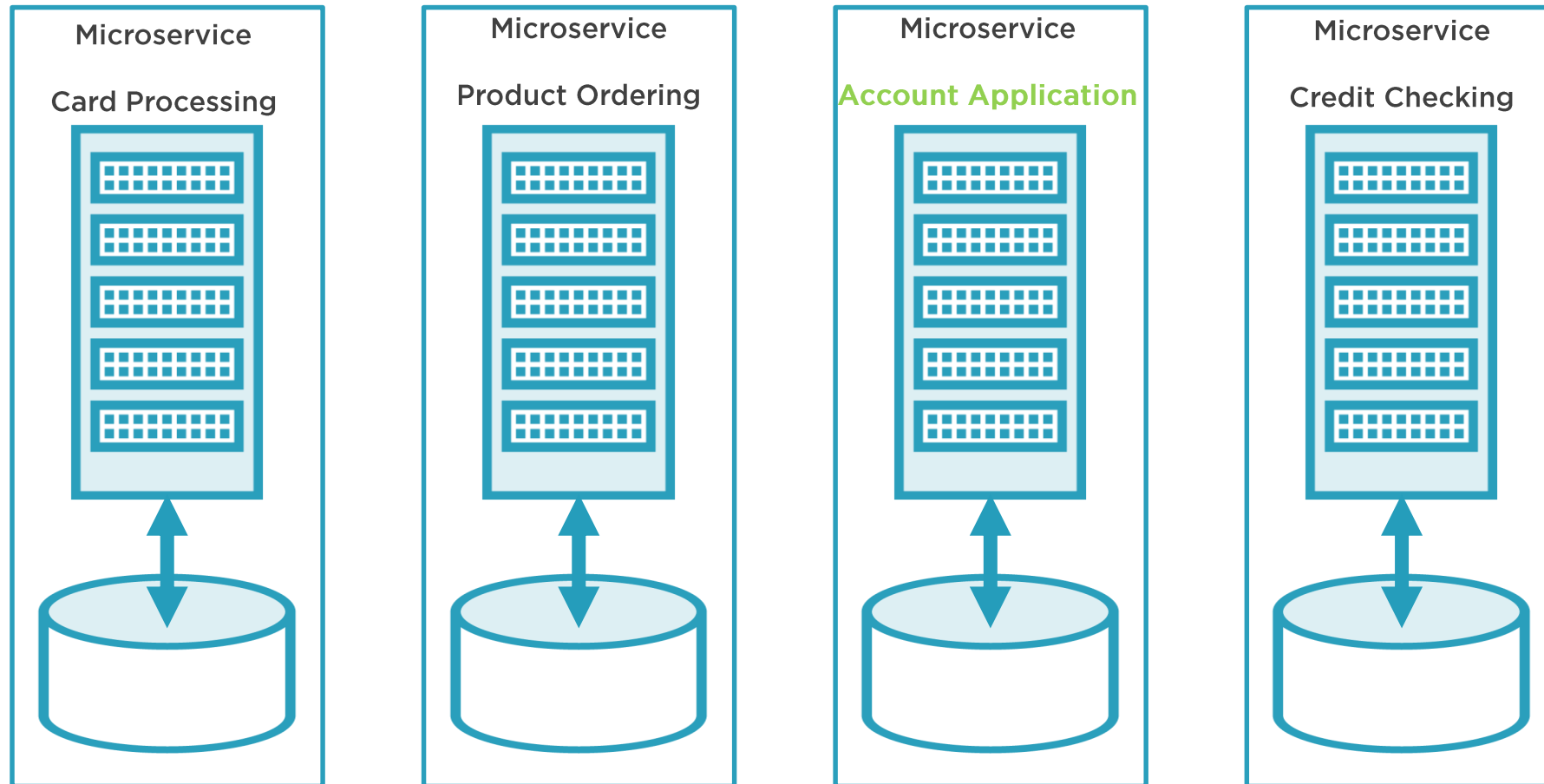
# Microservice Architecture



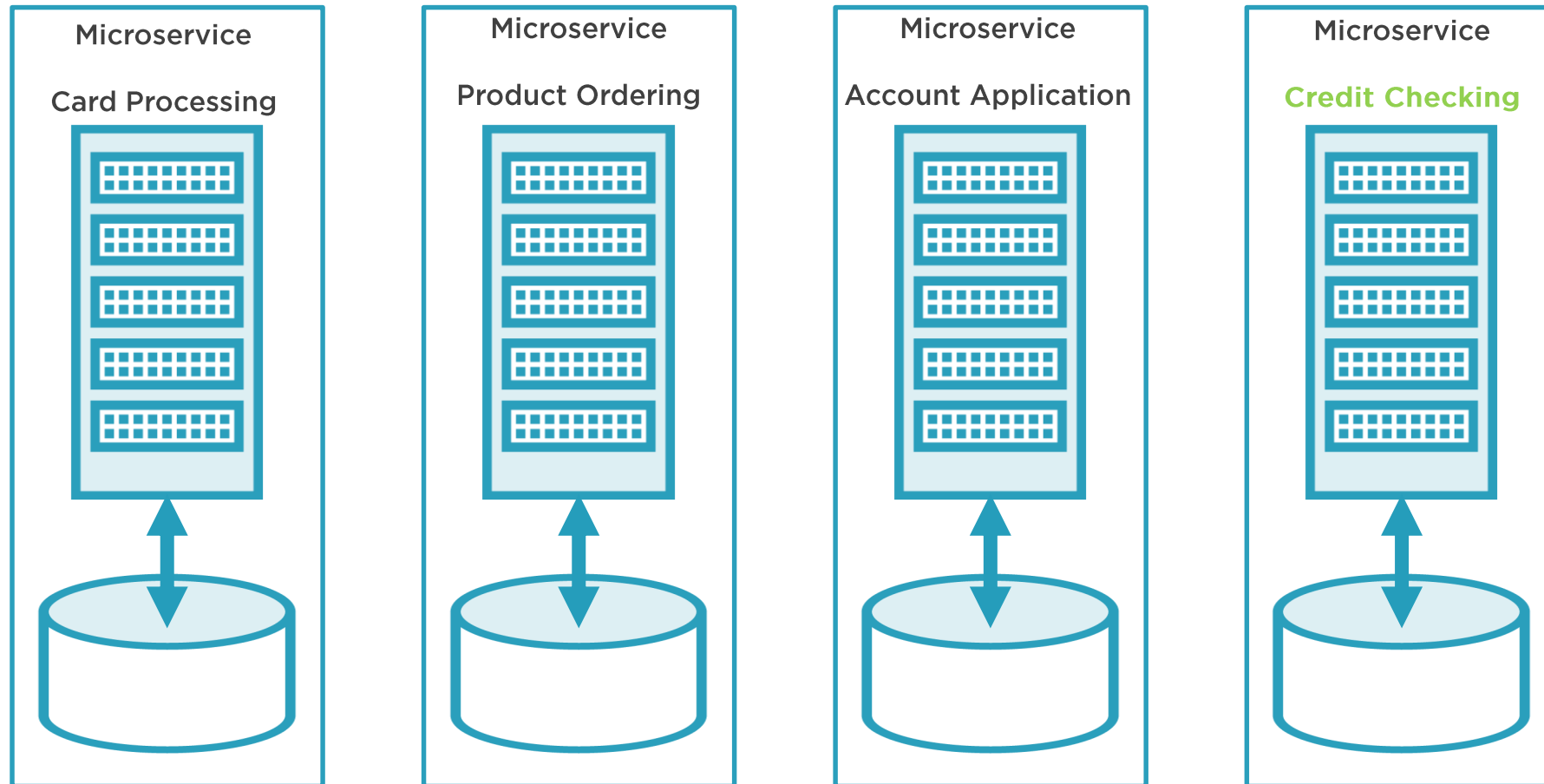
# Microservice Architecture



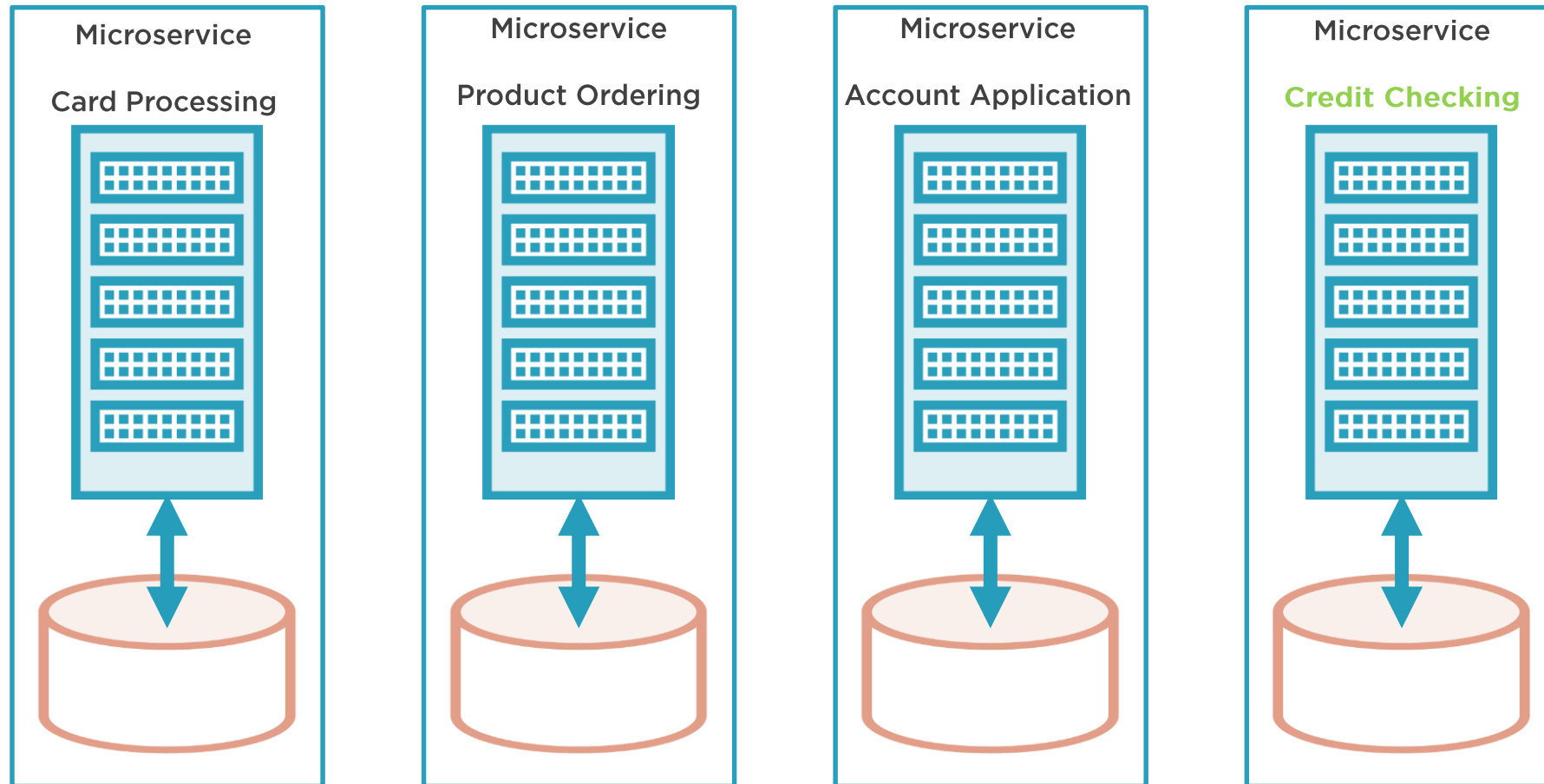
# Microservice Architecture



# Microservice Architecture



# Microservice Architecture





# Building the Selmasoft Payment Solution



***Selmasoft***  
**Financial Services  
Package**



# Building the Selmasoft Payment Solution



Customer makes  
card payments

***Selmasoft***  
Financial Services  
Package

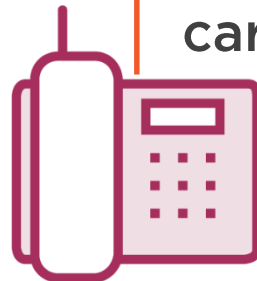


# Building the Selmasoft Payment Solution



Customer makes  
card payments

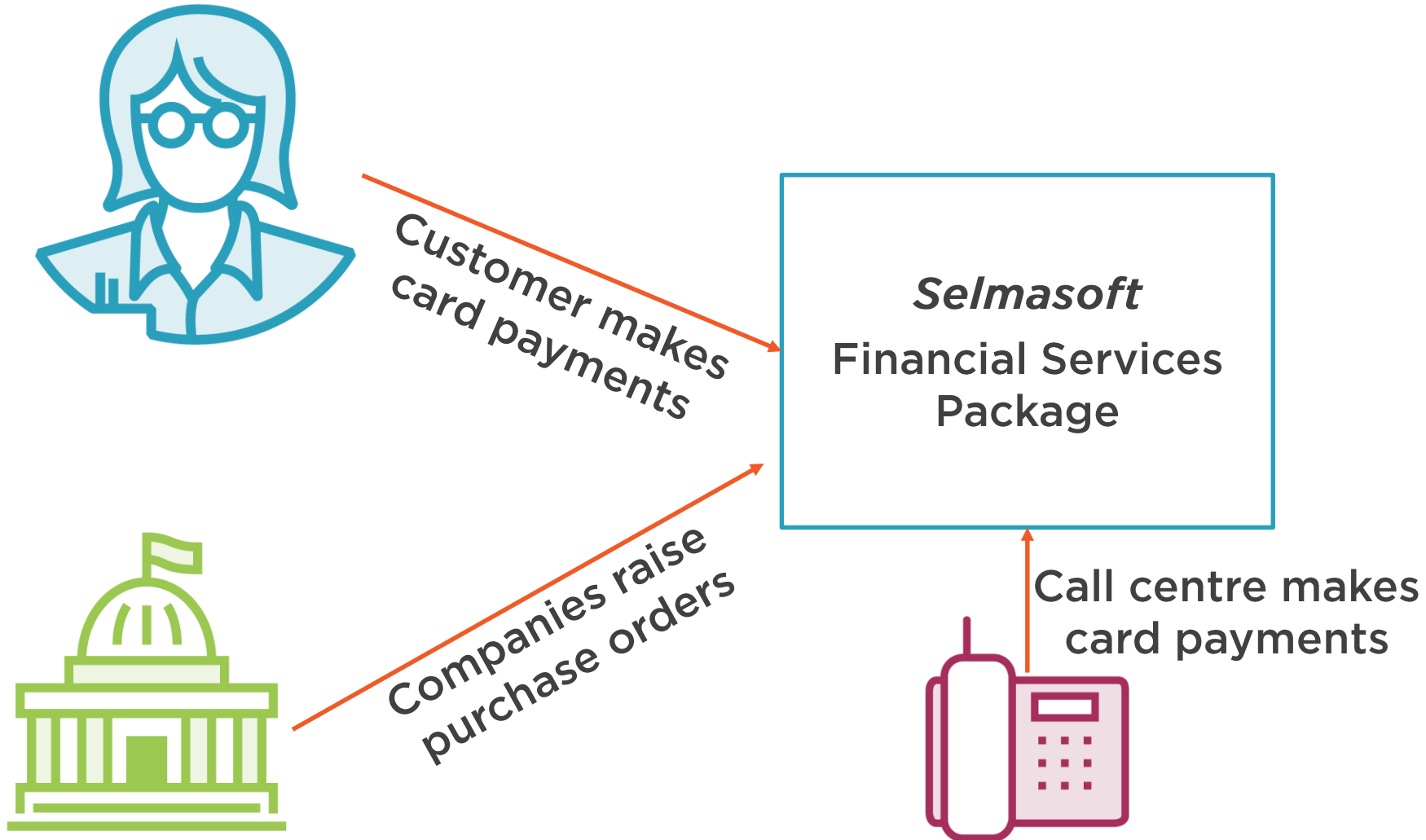
***Selmasoft***  
Financial Services  
Package



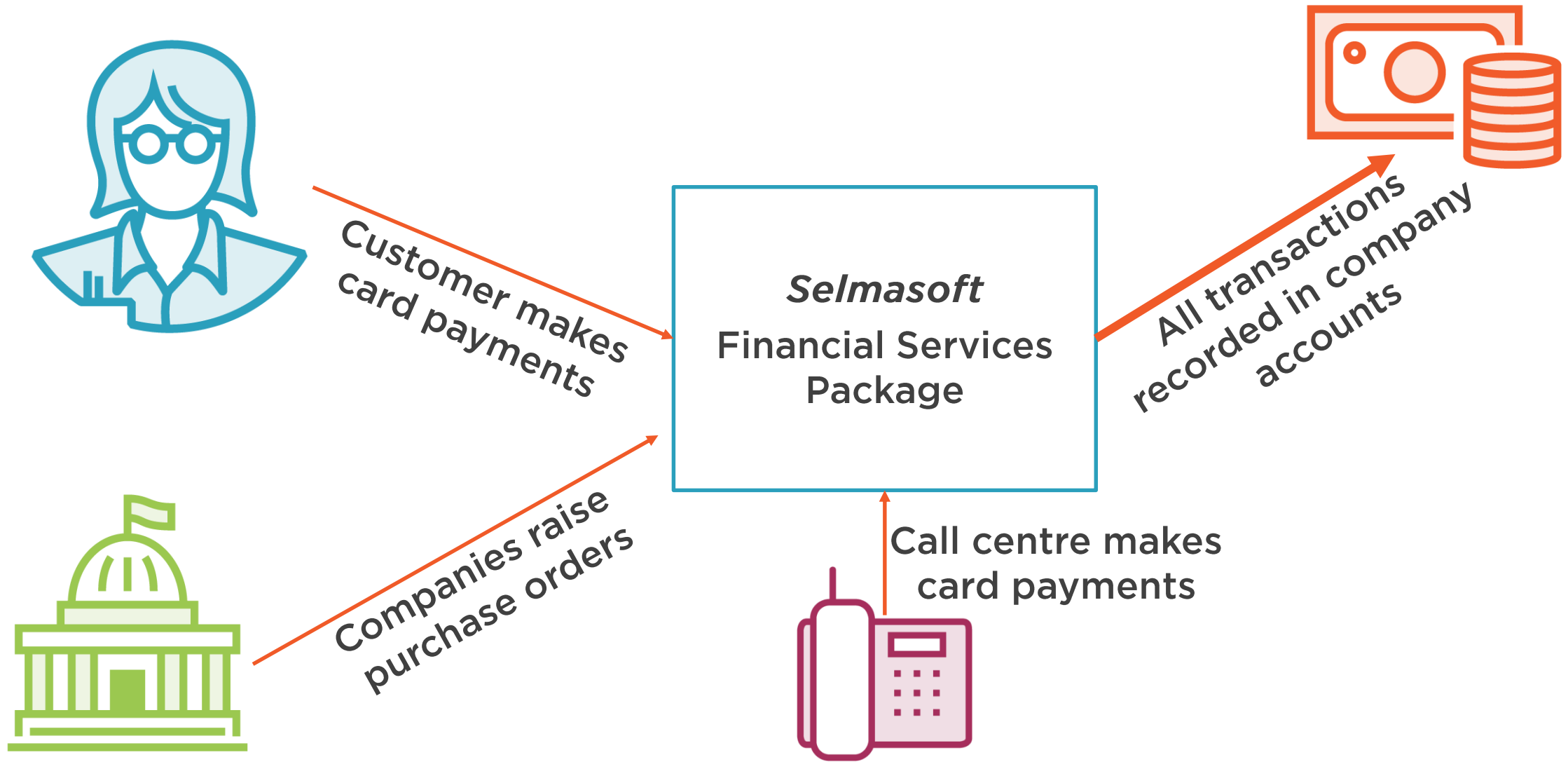
Call centre makes  
card payments



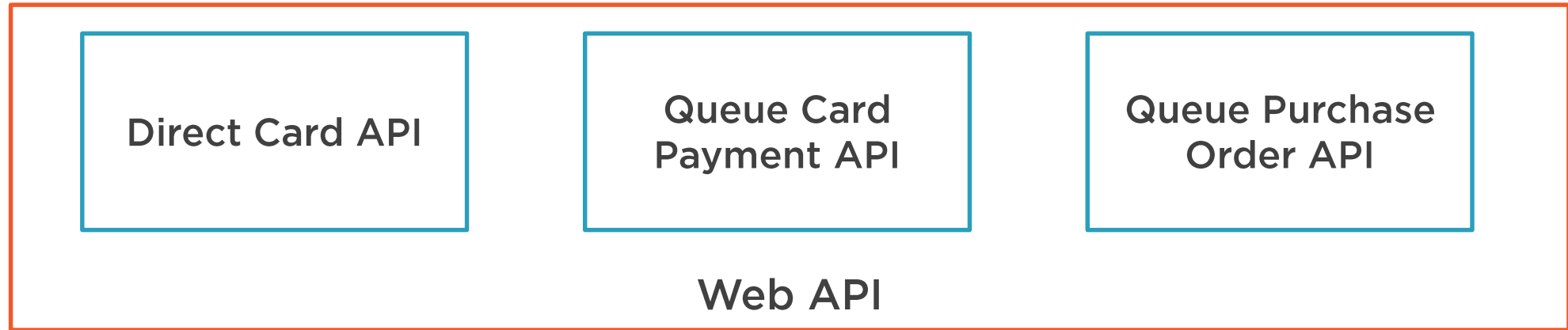
# Building the Selmasoft Payment Solution



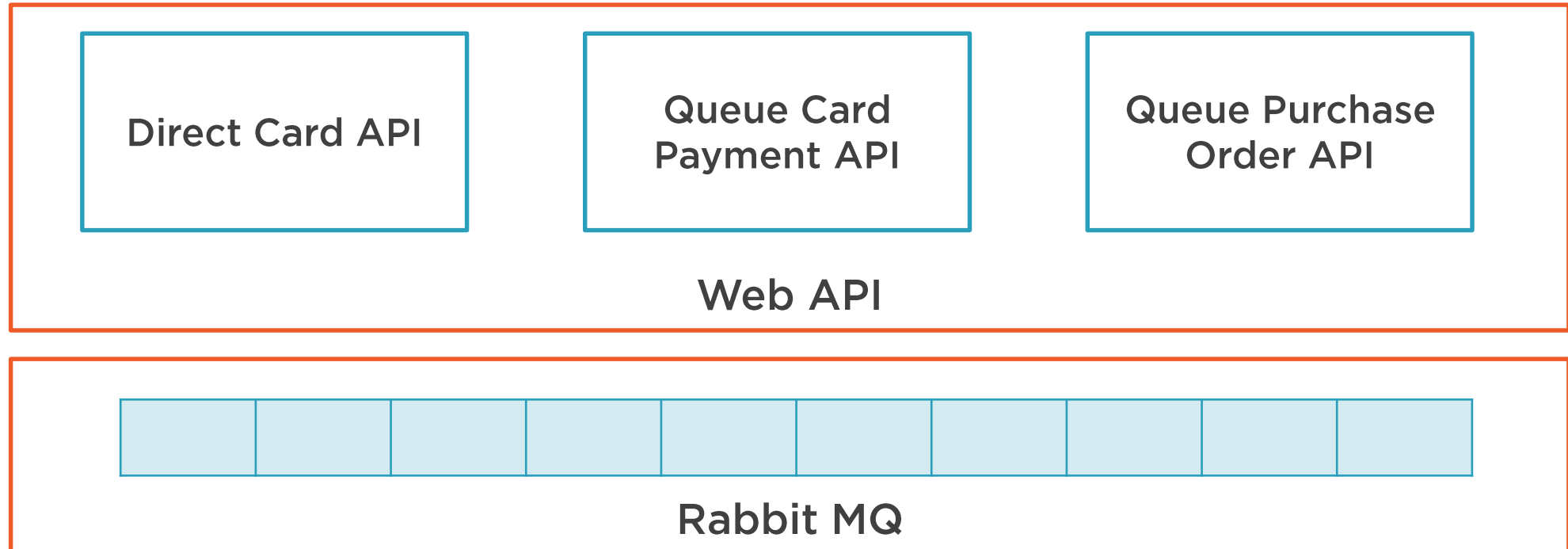
# Building the Selmasoft Payment Solution



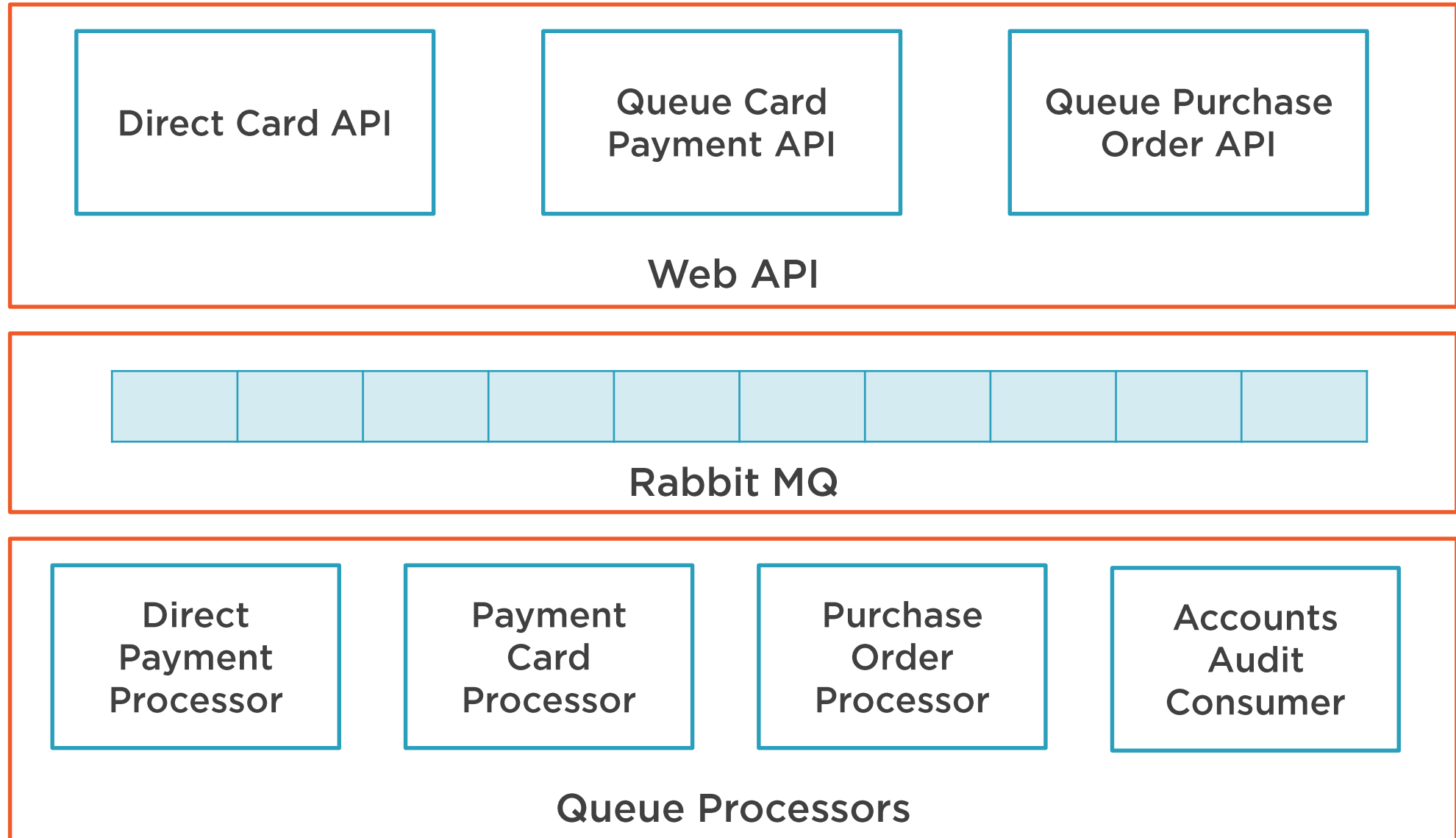
# High Level Architecture



# High Level Architecture

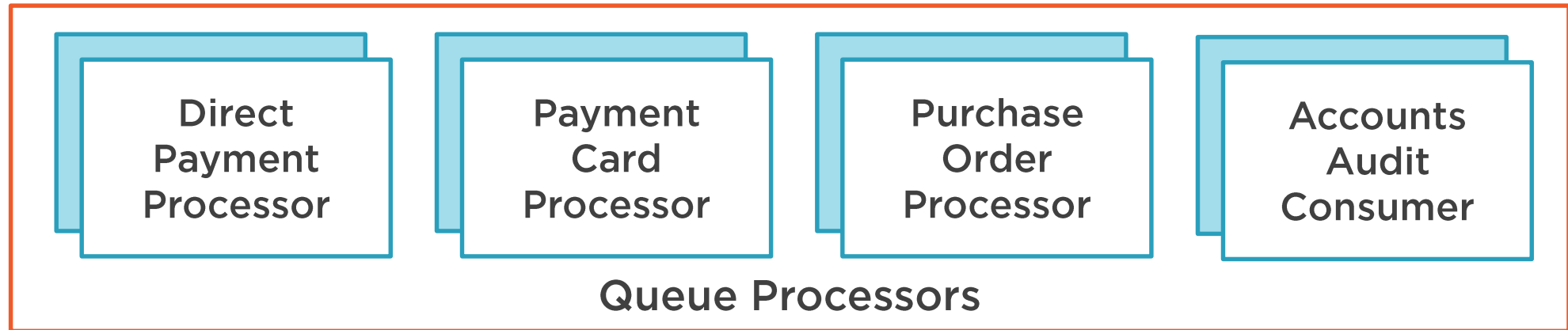


# High Level Architecture

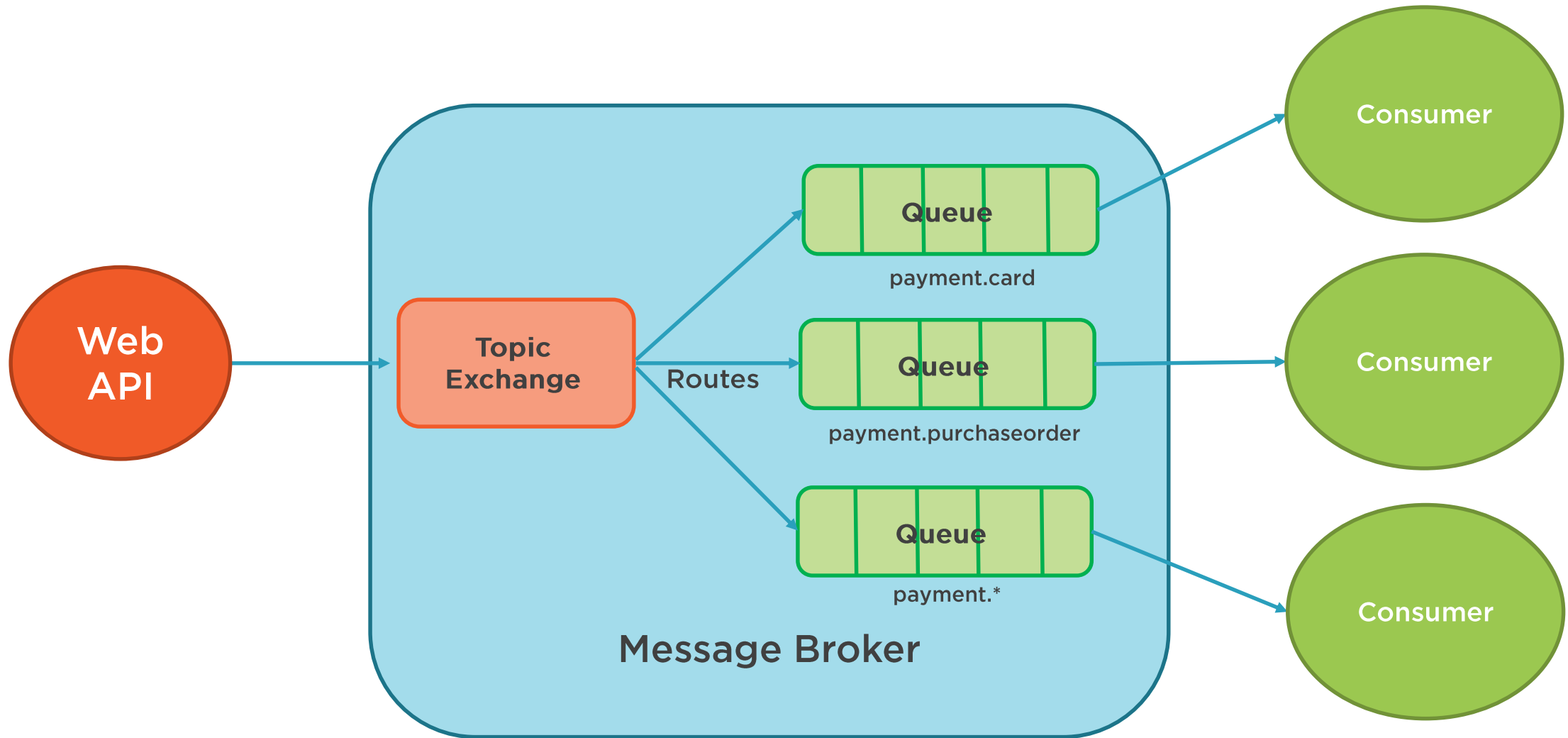




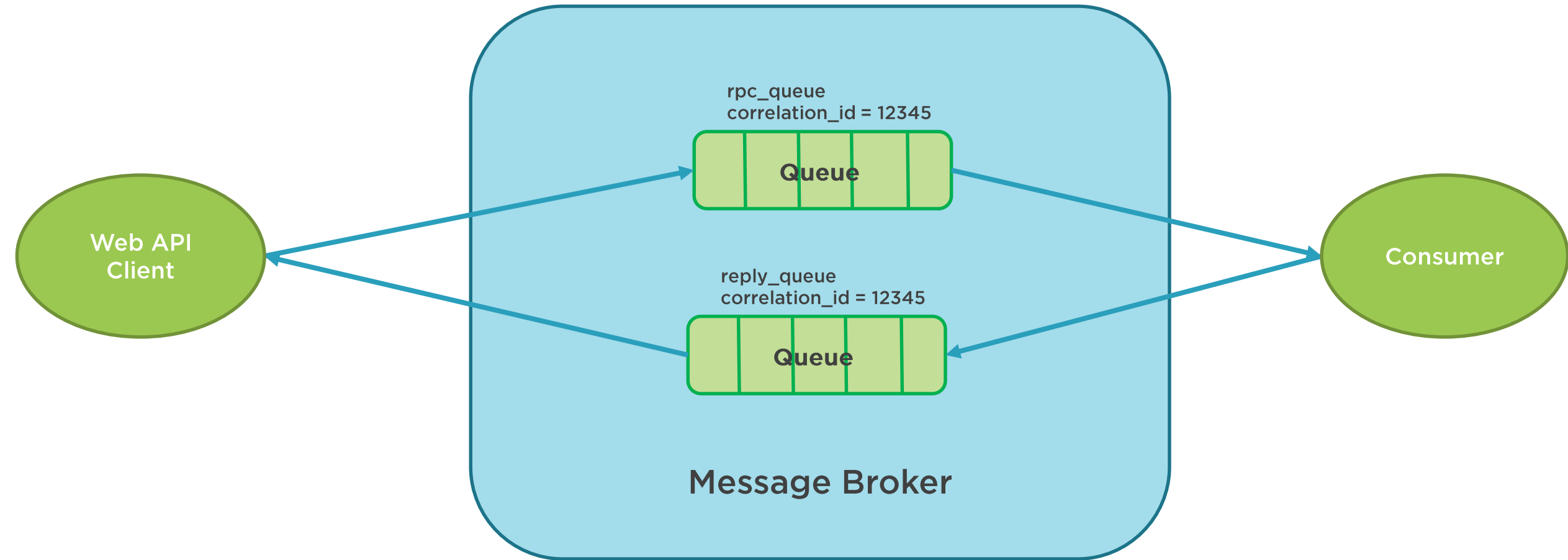
# High Level Architecture



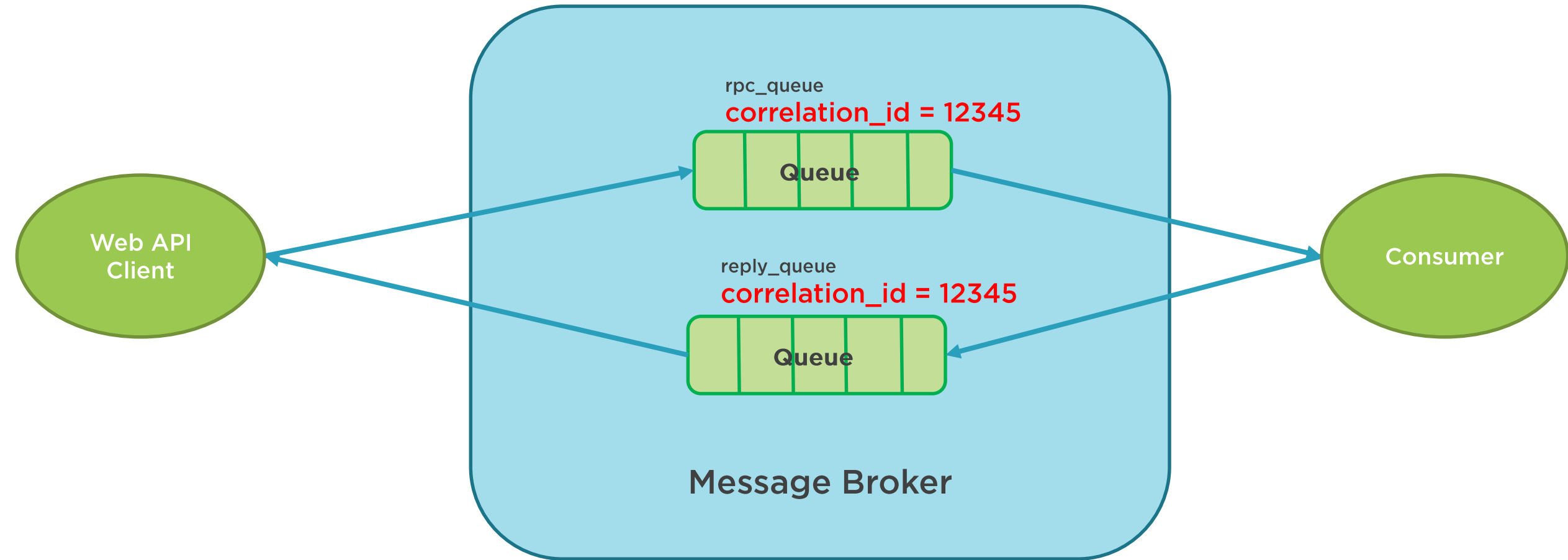
# Topic Based Publisher and Subscribe



# Remote Procedure Calls

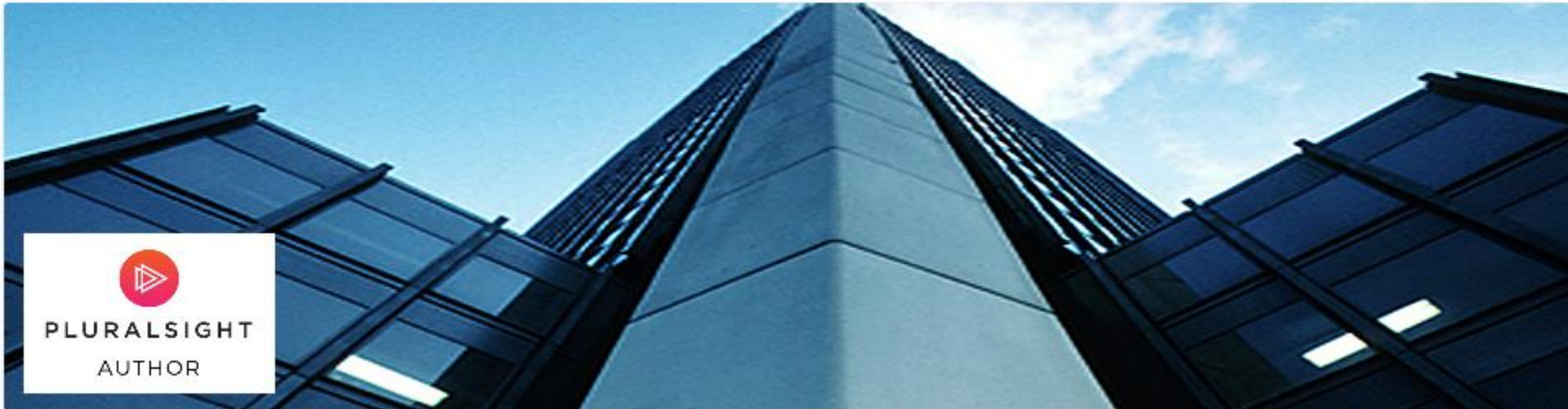


# Remote Procedure Calls



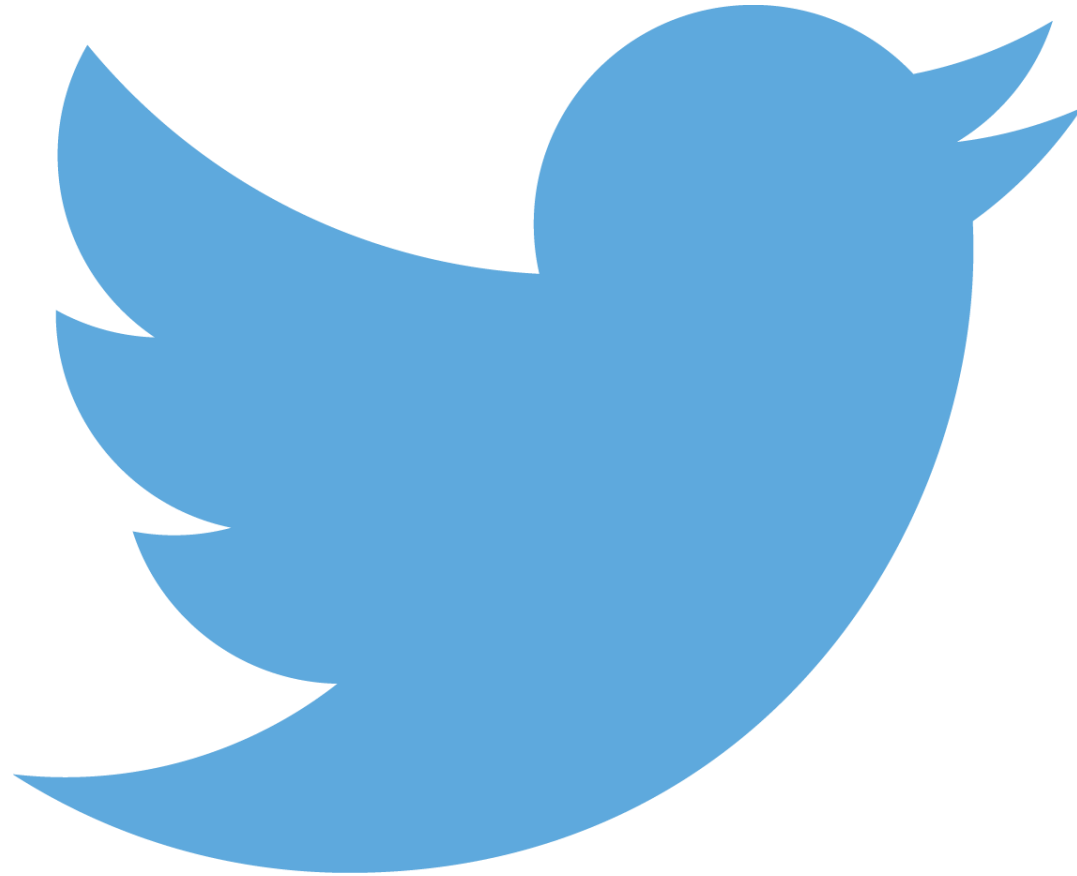
# Stephen Haunts { Coding in the Trenches }

Software Development, Architecture and Technical Leadership for the Enterprise

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# Practical Cryptography in .NET

by Stephen Haunts

As a software developer you have a duty to your employer to secure and protect their data. In this course, you will learn how to use the .NET Framework to protect your data to satisfy confidentiality, integrity, non-repudiation, and authentication.

▶ Resume Course

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▶ Cryptographic Random Numbers	✓	🔖	9m 38s	▼
▶ Hashing Algorithms	✓	🔖	21m 59s	▼
▶ Secure Password Storage	✓	🔖	28m 20s	▼
▶ Symmetric Encryption		🔖	49m 4s	▼
▶ Asymmetric Encryption		🔖	33m 35s	▼

Course author



Stephen Haunts

Stephen Haunts is an experienced Software Developer and Leader who has worked across multiple business domains including Computer Games, Finance, and Healthcare Retail and Distribution. Stephen has...

Course info

Level Intermediate

Rating ★★★★★ (179)

My rating ★★★★★

Duration 3h 59m

Released 21 May 2015

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