

# Centralized Logging

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# Overview



**Why use Logs?**

**Challenge**

**Solution**



# Why use Logs?

**Debug Application Logic**

**Debug Business Logic**



# Log Example

2016-05-23T08:00:03Z	INFO: Starting load balancer
2016-05-23T08:05:27Z	DEBUG: Received request GET /posts
2016-05-23T08:05:27Z	ERROR: No application servers found



# Log Example

2016-05-23T08:00:03Z	INFO: Starting load balancer
2016-05-23T08:05:27Z	DEBUG: Received request GET /posts
2016-05-23T08:05:27Z	ERROR: No application servers found



# Log Example

2016-05-23T08:00:03Z	INFO: Starting load balancer
2016-05-23T08:05:27Z	DEBUG: Received request GET /posts
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# Log Example

2016-05-23T08:00:03Z	<b>INFO:</b> Starting load balancer
2016-05-23T08:05:27Z	<b>DEBUG:</b> Received request GET /posts
2016-05-23T08:05:27Z	<b>ERROR:</b> No application servers found



# Log Example

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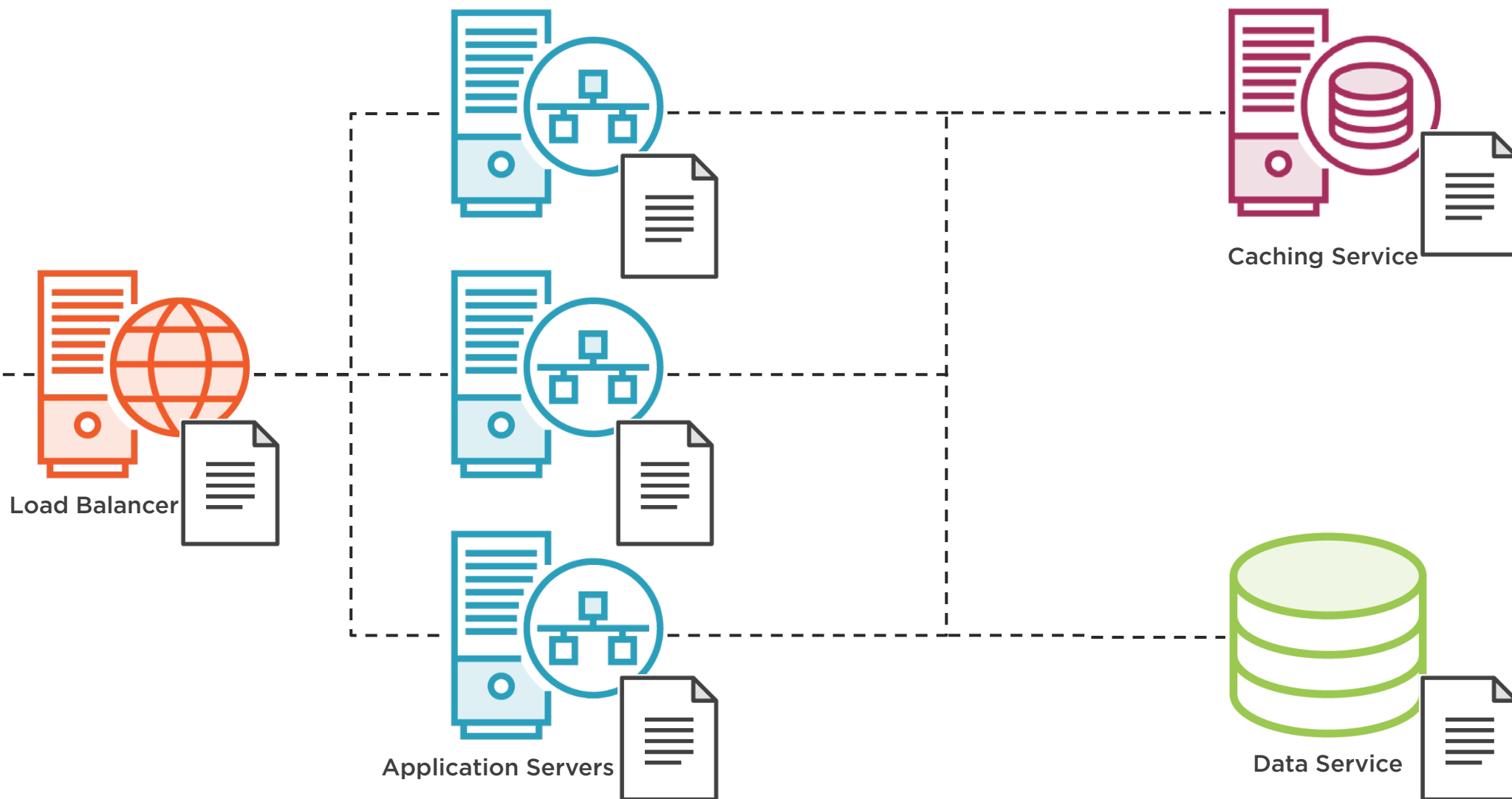


# Log Example

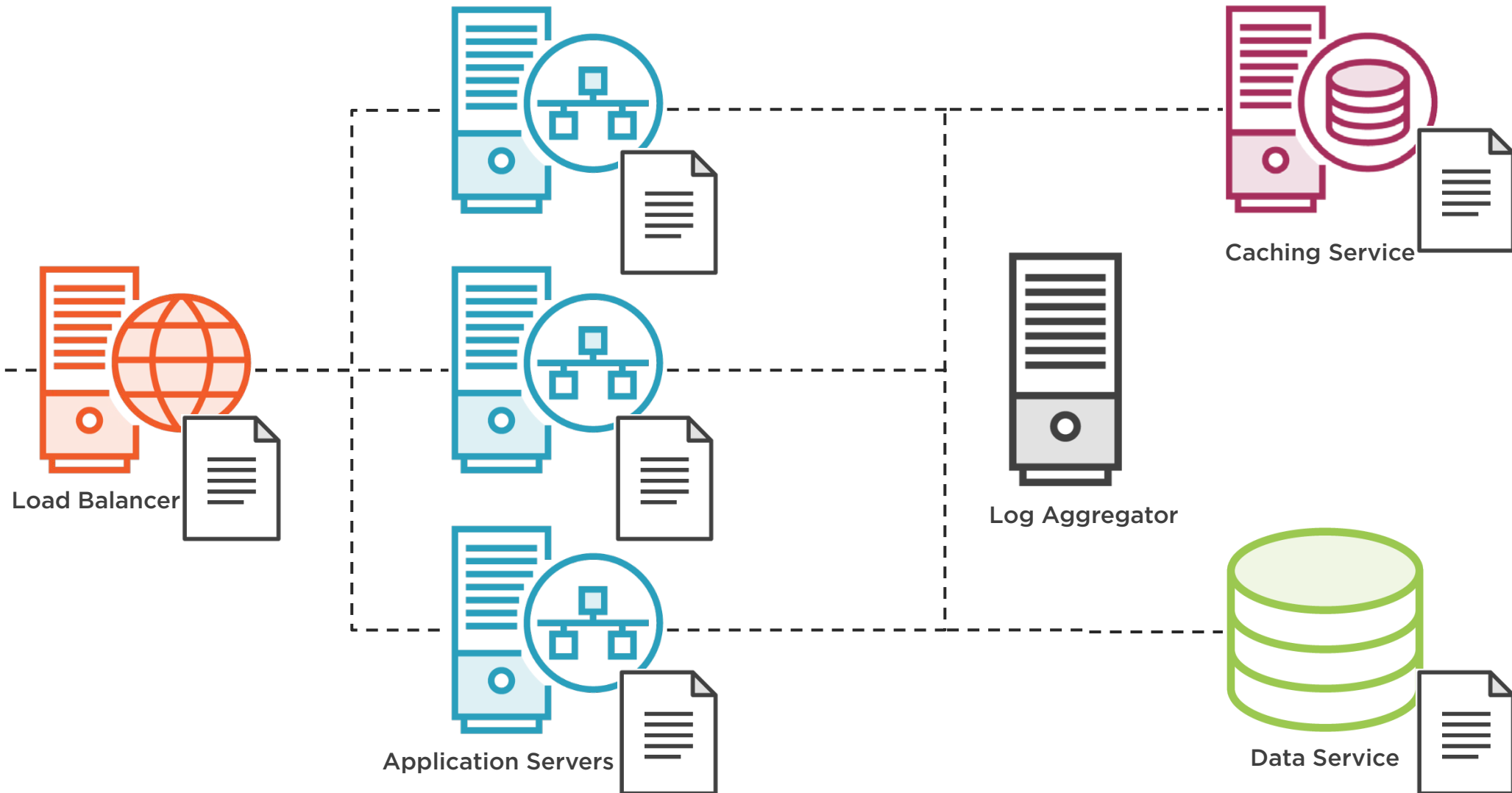
2016-05-23T08:00:03Z	INFO: Starting load balancer
2016-05-23T08:05:27Z	DEBUG: Received request GET /posts
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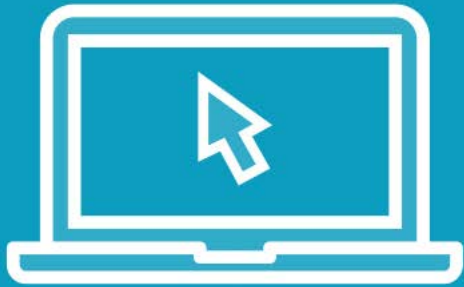
# Challenge



# Solution



# Demo



Record log entries

Log levels

Asynchronous

Store chronologically



# Summary

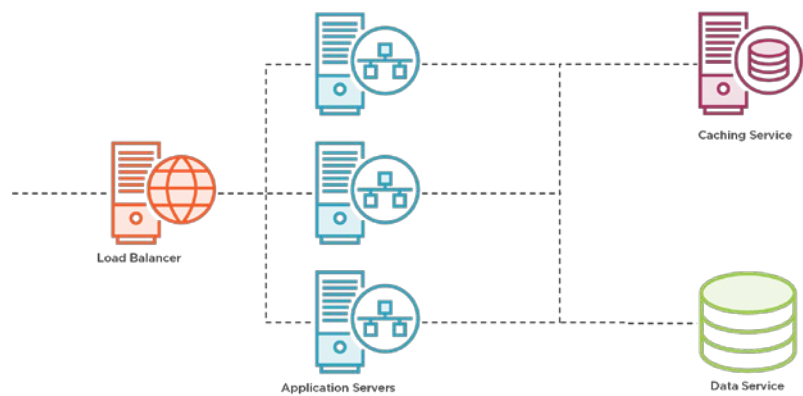


Why use Logs?

Challenge

Solution





Initial Optimizations

Creating a Load Balancer

Caching

Centralized Logging

