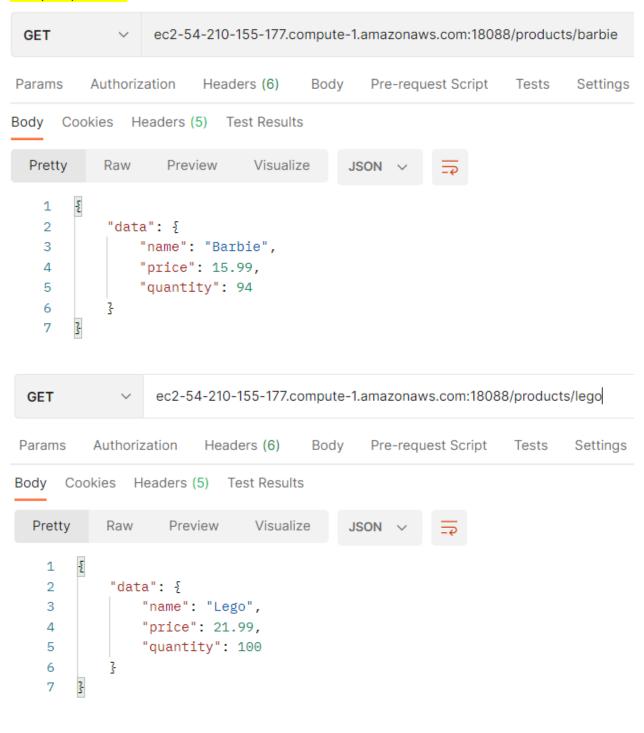
Application Tests

*All requests are send to front-end service at port 18088.

*Certain fault-tolerance test are done by requesting each order replioca

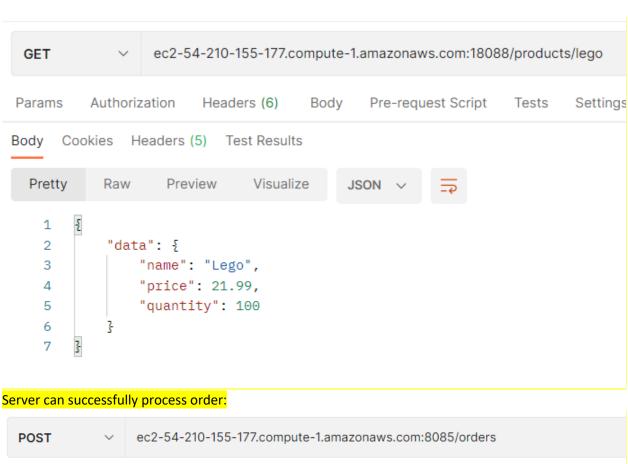
Query:

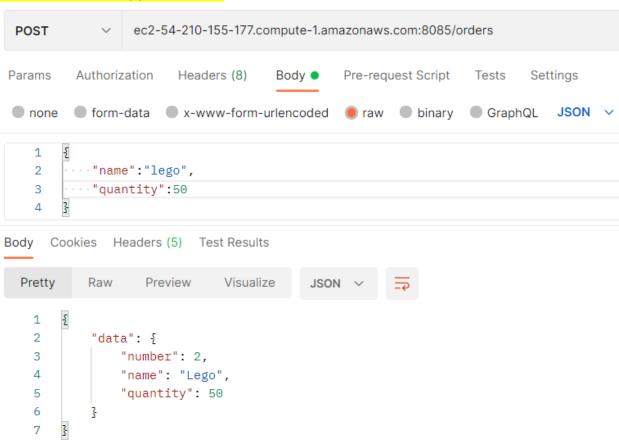
Query for products:



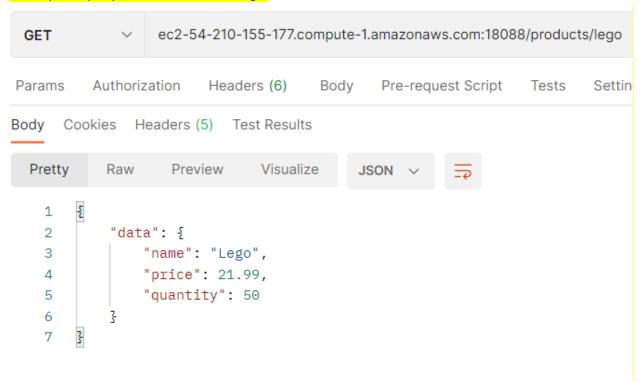
Server Reads cache at second request:

frontend | Cached

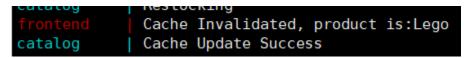




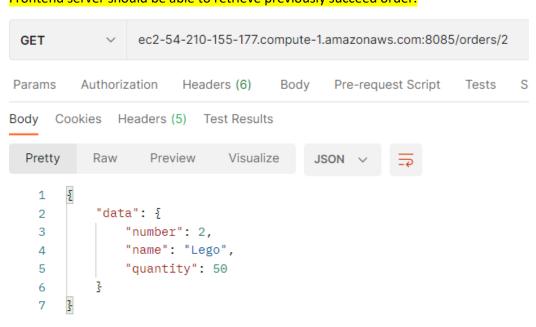
Subsequent query will reflect stock change:



Frontend server should invalidate its query:



Frontend server should be able to retrieve previously succeed order.



The order is replicated across all order replicas

```
order-1 | orderData: Lego
order-1 | nextOrderNumber: 3
order-2 | orderData: Lego
order-2 | nextOrderNumber: 3
```

The server can process order with leader replica failed, the leader should find new leader and continue process order.

```
ubuntu@ip-172-31-21-207:~$ docker stop order-3
```

order-3 exited with code 143

Updated leader:

```
frontend
catalog
order-1
order-1
order-1

frontend
f
```

New order

