Cloud Computing Lab 6 Report

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1 Work Queues

Figure 1: Output of docker-compose

Figure 2: Output of docker ps

```
ubuntu@ip-172-31-74-144:~/task1/source$ cat docker-compose.yml
version: '3.1'

services:
  rmq:
    image: rabbitmq:3.8.3-alpine


  consumer:
    build:
      context: receive
      dockerfile: Dockerfile

    command: sh -c "sleep 15 && python receive.py"

    links:
      - rmq

    depends_on:
      - rmq
    restart: on-failure


  producer:
    build:
      context: send
      dockerfile: Dockerfile

    command : sh -c "sleep 20 && python source.py"

    links :
      - rmq

    depends_on:
      - rmq

    restart: on-failure
ubuntu@ip-172-31-74-144:~/task1/source$
```

Figure 3: docker-compose.yml

2 Publish and Subscribe

Figure 4: Output of docker-compose

Figure 5: Output of docker ps