

Pipeline

The pipeline is pretty simple.

```
image: docker:19.03.12

services:
  - docker:dind

before_script:
  - docker info

build:
  stage: build
  script:
    - apk add --no-cache docker-compose
    - docker-compose -f docker-compose.test.yml up --build --abort-on-container-exit
    - docker-compose -f docker-compose.yaml up --build --abort-on-container-exit
```

It uses docker image and in script it first install docker-compose. After that it runs docker-compose with docker-compose-test.yml which includes containerized test scripts which are written with Jest testing framework. If tests fail the build will fail.

If tests are successful, the pipeline runs with docker-compose the docker-compose.yaml file and containers are deployed on your machine.

Example logs can be found at the end of this document or from passing and failing txt-files.

Testing the system

Commands and http request examples to test the system can be found from the readme.md file.

Main learning and difficulties

I had several problems running the gitlab-instance with Docker and it was super slow to work with which kinda made this exercise more difficult and frustrating than it should have been in my opinion.

I learned a lot about writing end-2-end tests for docker-compose applications and learned how to build a test container for testing the system.

I had very limited time to do the project and I wish I had more time in my personal life to put into this project. It is a working system but it could be more polished and built with optional features.

Hours used

About 30-35 hours.

Logs

Passing build:

```
Running with gitlab-runner 13.6.0 (8fa89735)
  on docker-stable sBXQH777
Preparing the "docker" executor
00:50
Using Docker executor with image docker:19.03.12 ...
Starting service docker:dind ...
Pulling docker image docker:dind ...
Using docker image
sha256:6f19136cf89d49aee8fa560eaab20e034c6ee17bbce55a9d33e1fbe5baa35b03 for
docker:dind with digest
docker@sha256:4972457c6a8a4309f9796fc3c8fd288923045ba0e214c102d92b70be99e249
d1 ...
Waiting for services to be up and running...
*** WARNING: Service
runner-sbxqh777-project-2-concurrent-0-b9ce06e28fe86741-docker-0 probably didn't start
properly.
Health check error:
service
"runner-sbxqh777-project-2-concurrent-0-b9ce06e28fe86741-docker-0-wait-for-service"
timeout
Health check container logs:
Service container logs:
2020-12-08T17:55:54.306799800Z Generating RSA private key, 4096 bit long modulus (2
primes)
2020-12-08T17:55:54.734953700Z .....+++++
2020-12-08T17:55:54.927892800Z .....+++++
2020-12-08T17:55:54.930216800Z e is 65537 (0x010001)
2020-12-08T17:55:54.959756800Z Generating RSA private key, 4096 bit long modulus (2
primes)
2020-12-08T17:55:55.056709100Z .....+++++
2020-12-08T17:55:56.021226900Z
.....+++++
2020-12-08T17:55:56.023509200Z e is 65537 (0x010001)
2020-12-08T17:55:56.121756100Z Signature ok
```

```
2020-12-08T17:55:56.128473500Z subject=CN = docker:dind server
2020-12-08T17:55:56.128567500Z Getting CA Private Key
2020-12-08T17:55:56.169398800Z /certs/server/cert.pem: OK
2020-12-08T17:55:56.197108100Z Generating RSA private key, 4096 bit long modulus (2
primes)
2020-12-08T17:55:56.718071800Z .....+++++
2020-12-08T17:55:58.130848800Z
.....
.....+++++
2020-12-08T17:55:58.133509300Z e is 65537 (0x010001)
2020-12-08T17:55:58.170414300Z Signature ok
2020-12-08T17:55:58.170456800Z subject=CN = docker:dind client
2020-12-08T17:55:58.173210600Z Getting CA Private Key
2020-12-08T17:55:58.193365600Z /certs/client/cert.pem: OK
2020-12-08T17:55:58.202418600Z mount: permission denied (are you root?)
2020-12-08T17:55:58.203365800Z Could not mount /sys/kernel/security.
2020-12-08T17:55:58.203393700Z AppArmor detection and --privileged mode might break.
2020-12-08T17:55:58.203705300Z mount: permission denied (are you root?)
*****
Pulling docker image docker:19.03.12 ...
Using docker image
sha256:81f5749c9058a7284e6acd8e126f2b882765a17b9ead14422b51cde1a110b85c for
docker:19.03.12 with digest
docker@sha256:d41efe7ad0df5a709cfd4e627c7e45104f39bbc08b1b40d7fb718c562b3ce13
5 ...
Preparing environment
00:01
Running on runner-sbxqh777-project-2-concurrent-0 via gitlab-runner1...
Getting source from Git repository
00:03
Fetching changes with git depth set to 50...
Reinitialized existing Git repository in /builds/root/devops/.git/
Checking out 7f44d820 as master...
Skipping Git submodules setup
Executing "step_script" stage of the job script
28:20
$ docker info
Client:
 Debug Mode: false
Server:
 Containers: 24
  Running: 3
  Paused: 0
  Stopped: 21
 Images: 336
 Server Version: 19.03.12
 Storage Driver: overlay2
 Backing Filesystem: extfs
```

Supports d_type: true
Native Overlay Diff: true
Logging Driver: json-file
Cgroup Driver: cgroupfs
Plugins:
Volume: local
Network: bridge host ipvlan macvlan null overlay
Log: awslogs fluentd gcplogs gelf journald json-file local logentries splunk syslog
Swarm: inactive
Runtimes: runc
Default Runtime: runc
Init Binary: docker-init
containerd version: 7ad184331fa3e55e52b890ea95e65ba581ae3429
runc version: dc9208a3303feef5b3839f4323d9beb36df0a9dd
init version: fec3683
Security Options:
seccomp
Profile: default
Kernel Version: 4.19.76-linuxkit
Operating System: Docker Desktop
OSType: linux
Architecture: x86_64
CPUs: 8
Total Memory: 1.944GiB
Name: docker-desktop
ID: FPW3:F3SM:63DI:XBXZ:SVJL:CEM2:G5YQ:RUEZ:YEAQ:CSUD:TLRX:DLZE
Docker Root Dir: /var/lib/docker
Debug Mode: true
File Descriptors: 71
Goroutines: 91
System Time: 2020-12-08T17:56:37.6673548Z
EventsListeners: 4
HTTP Proxy: gateway.docker.internal:3128
HTTPS Proxy: gateway.docker.internal:3129
Registry: https://index.docker.io/v1/
Labels:
Experimental: false
Insecure Registries:
127.0.0.0/8
Live Restore Enabled: false
Product License: Community Engine
\$ apk add --no-cache docker-compose
fetch http://dl-cdn.alpinelinux.org/alpine/v3.12/main/x86_64/APKINDEX.tar.gz
fetch http://dl-cdn.alpinelinux.org/alpine/v3.12/community/x86_64/APKINDEX.tar.gz
(1/45) Installing libbz2 (1.0.8-r1)
(2/45) Installing expat (2.2.9-r1)
(3/45) Installing libffi (3.3-r2)
(4/45) Installing gdbm (1.13-r1)

(5/45) Installing xz-libs (5.2.5-r0)
(6/45) Installing readline (8.0.4-r0)
(7/45) Installing sqlite-libs (3.32.1-r0)
(8/45) Installing python3 (3.8.5-r0)
(9/45) Installing py3-ordered-set (4.0.1-r0)
(10/45) Installing py3-appdirs (1.4.4-r1)
(11/45) Installing py3-parsing (2.4.7-r0)
(12/45) Installing py3-six (1.15.0-r0)
(13/45) Installing py3-packaging (20.4-r0)
(14/45) Installing py3-setuptools (47.0.0-r0)
(15/45) Installing dockerpy-creds (0.4.0-r2)
(16/45) Installing py3-cparser (2.20-r0)
(17/45) Installing py3-cffi (1.14.0-r2)
(18/45) Installing py3-idna (2.9-r0)
(19/45) Installing py3-asn1crypto (1.3.0-r0)
(20/45) Installing py3-cryptography (2.9.2-r0)
(21/45) Installing py3-ipaddress (1.0.23-r1)
(22/45) Installing py3-chardet (3.0.4-r4)
(23/45) Installing py3-certifi (2020.4.5.1-r0)
(24/45) Installing py3-urllib3 (1.25.9-r0)
(25/45) Installing py3-requests (2.23.0-r0)
(26/45) Installing py3-websocket-client (0.57.0-r0)
(27/45) Installing docker-py (4.2.0-r0)
(28/45) Installing py3-cached-property (1.5.1-r1)
(29/45) Installing py3-dockerpty (0.4.1-r2)
(30/45) Installing py3-docopt (0.6.2-r5)
(31/45) Installing py3-more-itertools (8.3.0-r0)
(32/45) Installing py3-zipp (1.0.0-r0)
(33/45) Installing py3-importlib-metadata (1.6.0-r0)
(34/45) Installing py3-pyrsistent (0.16.0-r0)
(35/45) Installing py3-attrs (19.3.0-r1)
(36/45) Installing py3-jsonschema (3.2.0-r0)
(37/45) Installing py3-asn1 (0.4.7-r2)
(38/45) Installing py3-bcrypt (3.1.7-r2)
(39/45) Installing py3-pycacl (1.4.0-r0)
(40/45) Installing py3-paramiko (2.7.1-r0)
(41/45) Installing py3-pysocks (1.7.1-r1)
(42/45) Installing py3-texttable (1.6.2-r1)
(43/45) Installing yaml (0.2.4-r1)
(44/45) Installing py3-yaml (5.3.1-r0)
(45/45) Installing docker-compose (1.25.4-r2)

Executing busybox-1.31.1-r16.trigger

OK: 79 MiB in 65 packages

\$ docker-compose -f docker-compose.test.yml up --build --abort-on-container-exit

Building orig

Step 1/4 : FROM node:14

---> 4c7835fa737e

Step 2/4 : WORKDIR /usr/app/

---> Using cache
---> b1ffcf8629
Step 3/4 : COPY ./ ./
---> Using cache
---> a1731fe6ac8f
Step 4/4 : RUN npm install
---> Using cache
---> cc6242e79245
Successfully built cc6242e79245
Successfully tagged devops_orig:latest
Building imed
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /usr/app/
---> Using cache
---> b1ffcf8629
Step 3/4 : COPY ./ ./
---> Using cache
---> 2abdbf3a0e0d
Step 4/4 : RUN npm install
---> Using cache
---> 3c1774a6b07b
Successfully built 3c1774a6b07b
Successfully tagged devops_imed:latest
Building obser
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /OBSE
---> Using cache
---> 2b4e6e00ab0b
Step 3/4 : COPY ./ ./
---> Using cache
---> 9faf6ba9d8e7
Step 4/4 : RUN npm install
---> Using cache
---> 1dd683aeb28
Successfully built 1dd683aeb28
Successfully tagged devops_obser:latest
Building httpserv
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /HTTPSERV
---> Using cache
---> 793872116167
Step 3/4 : COPY ./ ./
---> Using cache
---> 1186519f90b9
Step 4/4 : RUN npm install

---> Using cache
---> 66546d34ea4c
Successfully built 66546d34ea4c
Successfully tagged devops_httpserv:latest
Building apigateway
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /APIGTW
---> Using cache
---> 6f024fc5381e
Step 3/4 : COPY ./ ./
---> Using cache
---> deee12c31e70
Step 4/4 : RUN npm install
---> Using cache
---> 5c8ae7a9ab2e
Successfully built 5c8ae7a9ab2e
Successfully tagged devops_apigateway:latest
Building stateserv
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /STATESERV
---> Using cache
---> 5b5d8b501b75
Step 3/4 : COPY ./ ./
---> Using cache
---> ccb7244f8f3d
Step 4/4 : RUN npm install
---> Using cache
---> 8a6fd93ca317
Successfully built 8a6fd93ca317
Successfully tagged devops_stateserv:latest
Building tests
Step 1/6 : FROM node:14
---> 4c7835fa737e
Step 2/6 : ENV DOCKERIZE_VERSION v0.6.0
---> Using cache
---> 225a547b1725
Step 3/6 : RUN wget
[https://github.com/jwilder/dockerize/releases/download/\\$DOCKERIZE_VERSION/dockerize-](https://github.com/jwilder/dockerize/releases/download/$DOCKERIZE_VERSION/dockerize-alpine-linux-amd64-$DOCKERIZE_VERSION.tar.gz)
alpine-linux-amd64-\$DOCKERIZE_VERSION.tar.gz && tar -C /usr/local/bin -xzf
dockerize-alpine-linux-amd64-\$DOCKERIZE_VERSION.tar.gz && rm
dockerize-alpine-linux-amd64-\$DOCKERIZE_VERSION.tar.gz
---> Using cache
---> 0c32e54caa46
Step 4/6 : WORKDIR /tests
---> Using cache
---> 651b21238d3e

Step 5/6 : COPY ./ ./

---> Using cache

---> 755d25b5493f

Step 6/6 : RUN npm install

---> Using cache

---> 3defad09fd93

Successfully built 3defad09fd93

Successfully tagged devops_tests:latest

Starting devops_rabbitmq_1 ...

Starting devops_apigateway_1 ...

Recreating devops_stateserv_1 ...

Starting devops_httpserv_1 ...

Starting devops_tests_1 ...

Recreating devops_obser_1 ...

Recreating devops_imed_1 ...

Recreating devops_orig_1 ...

Attaching to devops_rabbitmq_1, devops_tests_1, devops_apigateway_1,
devops_httpserv_1, devops_stateserv_1, devops_imed_1, devops_orig_1, devops_obser_1

apigateway_1 |

apigateway_1 | > httpserv@1.0.0 start /APIGTW

apigateway_1 | > cd src && node index.js

apigateway_1 |

httpserv_1 |

httpserv_1 | > httpserv@1.0.0 start /HTTPSERV

httpserv_1 | > cd src && node index.js

httpserv_1 |

httpserv_1 | Server running on PORT: 8082

stateserv_1 |

stateserv_1 | > stateserv@1.0.0 start /STATESERV

stateserv_1 | > cd src && node index.js

stateserv_1 |

stateserv_1 | Server running on PORT: 9000

tests_1 | 2020/12/08 17:56:54 Waiting for: tcp://httpserv:8082

tests_1 | 2020/12/08 17:56:54 Waiting for: tcp://stateserv:9000

tests_1 | 2020/12/08 17:56:54 Waiting for: tcp://apigateway:8081

tests_1 | 2020/12/08 17:56:54 Waiting for: tcp://rabbitmq:5672

tests_1 | 2020/12/08 17:56:54 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s

tests_1 | 2020/12/08 17:56:54 Problem with dial: dial tcp 172.23.0.6:9000: getsockopt:
connection refused. Sleeping 1s

tests_1 | 2020/12/08 17:56:54 Problem with dial: dial tcp 172.23.0.2:8081: getsockopt:
connection refused. Sleeping 1s

apigateway_1 | Server running on PORT: 8081

tests_1 | 2020/12/08 17:56:55 Connected to tcp://stateserv:9000

tests_1 | 2020/12/08 17:56:55 Connected to tcp://apigateway:8081

tests_1 | 2020/12/08 17:56:55 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s

tests_1 | 2020/12/08 17:56:55 Connected to tcp://httpserv:8082


```

imed_1      |
imed_1      | > imed@1.0.0 start /usr/app
imed_1      | > cd src && node index.js
imed_1      |
obser_1     |
obser_1     | > obse@1.0.0 start /OBSE
obser_1     | > cd src && node index.js
obser_1     |
orig_1      |
orig_1      | > orig@1.0.0 start /usr/app
orig_1      | > cd src && node index.js
orig_1      |
tests_1     | 2020/12/08 17:56:56 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
rabbitmq_1  | Configuring logger redirection
tests_1     | 2020/12/08 17:56:57 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1     | 2020/12/08 17:56:58 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1     | 2020/12/08 17:56:59 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
rabbitmq_1  | 2020-12-08 17:56:59.579 [debug] <0.287.0> Lager installed handler
error_logger_lager_h into error_logger
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.290.0> Lager installed handler
lager_forwarder_backend into error_logger_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.293.0> Lager installed handler
lager_forwarder_backend into rabbit_log_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.302.0> Lager installed handler
lager_forwarder_backend into rabbit_log_feature_flags_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.296.0> Lager installed handler
lager_forwarder_backend into rabbit_log_channel_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.305.0> Lager installed handler
lager_forwarder_backend into rabbit_log_federation_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.308.0> Lager installed handler
lager_forwarder_backend into rabbit_log_ldap_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.311.0> Lager installed handler
lager_forwarder_backend into rabbit_log_mirroring_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.314.0> Lager installed handler
lager_forwarder_backend into rabbit_log_prelaunch_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.317.0> Lager installed handler
lager_forwarder_backend into rabbit_log_queue_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.320.0> Lager installed handler
lager_forwarder_backend into rabbit_log_ra_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.299.0> Lager installed handler
lager_forwarder_backend into rabbit_log_connection_lager_event
rabbitmq_1  | 2020-12-08 17:56:59.585 [debug] <0.323.0> Lager installed handler
lager_forwarder_backend into rabbit_log_shovel_lager_event

```

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rabbitmq_1 | 2020-12-08 17:56:59.585 [debug] <0.326.0> Lager installed handler
lager_forwarder_backend into rabbit_log_upgrade_lager_event
rabbitmq_1 | 2020-12-08 17:56:59.607 [info] <0.44.0> Application lager started on node
'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:00.079 [debug] <0.283.0> Lager installed handler
lager_backend_throttle into lager_event
imed_1 | file:///usr/app/src/index.js:17
imed_1 | | if (err) throw err;
imed_1 | | ^
imed_1 | |
imed_1 | | Error: connect ECONNREFUSED 172.23.0.3:5672
imed_1 | | at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1146:16) {
imed_1 | |   errno: -111,
imed_1 | |   code: 'ECONNREFUSED',
imed_1 | |   syscall: 'connect',
imed_1 | |   address: '172.23.0.3',
imed_1 | |   port: 5672
imed_1 | | }
imed_1 | npm ERR! code ELIFECYCLE
imed_1 | npm ERR! errno 1
imed_1 | npm ERR! imed@1.0.0 start: `cd src && node index.js`
imed_1 | npm ERR! Exit status 1
imed_1 | npm ERR!
imed_1 | npm ERR! Failed at the imed@1.0.0 start script.
imed_1 | npm ERR! This is probably not a problem with npm. There is likely additional
logging output above.
imed_1 |
imed_1 | npm ERR! A complete log of this run can be found in:
imed_1 | npm ERR! /root/.npm/_logs/2020-12-08T17_57_00_182Z-debug.log
obser_1 | file:///OBSE/src/index.js:21
obser_1 | | if (err) throw err;
obser_1 | | ^
obser_1 | |
obser_1 | | Error: connect ECONNREFUSED 172.23.0.3:5672
obser_1 | | at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1146:16) {
obser_1 | |   errno: -111,
obser_1 | |   code: 'ECONNREFUSED',
obser_1 | |   syscall: 'connect',
obser_1 | |   address: '172.23.0.3',
obser_1 | |   port: 5672
obser_1 | | }
obser_1 | npm ERR! code ELIFECYCLE
obser_1 | npm ERR! errno 1
obser_1 | npm ERR! obse@1.0.0 start: `cd src && node index.js`
obser_1 | npm ERR! Exit status 1
obser_1 | npm ERR!
obser_1 | npm ERR! Failed at the obse@1.0.0 start script.

```

```

obser_1      | npm ERR! This is probably not a problem with npm. There is likely additional
obser_1      | logging output above.
obser_1      |
obser_1      | npm ERR! A complete log of this run can be found in:
obser_1      | npm ERR!   /root/.npm/_logs/2020-12-08T17_57_00_231Z-debug.log
tests_1      | 2020/12/08 17:57:00 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1      | 2020/12/08 17:57:01 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
imed_1       |
imed_1       | > imed@1.0.0 start /usr/app
imed_1       | > cd src && node index.js
imed_1       |
obser_1      |
obser_1      | > obse@1.0.0 start /OBSE
obser_1      | > cd src && node index.js
obser_1      |
rabbitmq_1   | 2020-12-08 17:57:02.224 [info] <0.44.0> Application mnesia started on node
'rabbit@my-rabbit'
rabbitmq_1   | 2020-12-08 17:57:02.225 [info] <0.272.0>
rabbitmq_1   | Starting RabbitMQ 3.8.9 on Erlang 23.1.4
rabbitmq_1   | Copyright (c) 2007-2020 VMware, Inc. or its affiliates.
rabbitmq_1   | Licensed under the MPL 2.0. Website: https://rabbitmq.com
rabbitmq_1   |
rabbitmq_1   | ## ##   RabbitMQ 3.8.9
rabbitmq_1   | ## ##
rabbitmq_1   | ##### Copyright (c) 2007-2020 VMware, Inc. or its affiliates.
rabbitmq_1   | ##### ##
rabbitmq_1   | ##### Licensed under the MPL 2.0. Website: https://rabbitmq.com
rabbitmq_1   |
rabbitmq_1   | Doc guides: https://rabbitmq.com/documentation.html
rabbitmq_1   | Support:   https://rabbitmq.com/contact.html
rabbitmq_1   | Tutorials: https://rabbitmq.com/getstarted.html
rabbitmq_1   | Monitoring: https://rabbitmq.com/monitoring.html
rabbitmq_1   |
rabbitmq_1   | Logs: <stdout>
rabbitmq_1   |
rabbitmq_1   | Config file(s): /etc/rabbitmq/rabbitmq.conf
rabbitmq_1   |
/etc/rabbitmq/conf.d/management_agent.disable_metrics_collector.conf
rabbitmq_1   |
rabbitmq_1   | Starting broker...2020-12-08 17:57:02.231 [info] <0.272.0>
rabbitmq_1   | node       : rabbit@my-rabbit
rabbitmq_1   | home dir   : /var/lib/rabbitmq
rabbitmq_1   | config file(s) : /etc/rabbitmq/rabbitmq.conf
rabbitmq_1   |           :
/etc/rabbitmq/conf.d/management_agent.disable_metrics_collector.conf
rabbitmq_1   | cookie hash  : Ela4HbfBpO8ytEyLFCa5Rg==

```

rabbitmq_1 | log(s) : <stdout>
rabbitmq_1 | database dir : /var/lib/rabbitmq/mnesia/rabbit@my-rabbit
rabbitmq_1 | 2020-12-08 17:57:02.246 [info] <0.272.0> Running boot step pre_boot defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.246 [info] <0.272.0> Running boot step rabbit_core_metrics defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.247 [info] <0.272.0> Running boot step rabbit_alarm defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.260 [info] <0.415.0> Memory high watermark set to 796 MiB (834840166 bytes) of 1990 MiB (2087100416 bytes) total
rabbitmq_1 | 2020-12-08 17:57:02.267 [info] <0.417.0> Enabling free disk space monitoring
rabbitmq_1 | 2020-12-08 17:57:02.267 [info] <0.417.0> Disk free limit set to 50MB
rabbitmq_1 | 2020-12-08 17:57:02.270 [info] <0.272.0> Running boot step code_server_cache defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.270 [info] <0.272.0> Running boot step file_handle_cache defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.271 [info] <0.420.0> Limiting to approx 1048479 file handles (943629 sockets)
rabbitmq_1 | 2020-12-08 17:57:02.271 [info] <0.421.0> FHC read buffering: OFF
rabbitmq_1 | 2020-12-08 17:57:02.271 [info] <0.421.0> FHC write buffering: ON
rabbitmq_1 | 2020-12-08 17:57:02.272 [info] <0.272.0> Running boot step worker_pool defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.272 [info] <0.373.0> Will use 8 processes for default worker pool
rabbitmq_1 | 2020-12-08 17:57:02.272 [info] <0.373.0> Starting worker pool 'worker_pool' with 8 processes in it
rabbitmq_1 | 2020-12-08 17:57:02.275 [info] <0.272.0> Running boot step database defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.277 [info] <0.272.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
rabbitmq_1 | 2020-12-08 17:57:02.278 [info] <0.272.0> Successfully synced tables from a peer
rabbitmq_1 | 2020-12-08 17:57:02.278 [info] <0.272.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
rabbitmq_1 | 2020-12-08 17:57:02.278 [info] <0.272.0> Successfully synced tables from a peer
rabbitmq_1 | 2020-12-08 17:57:02.293 [info] <0.272.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
rabbitmq_1 | 2020-12-08 17:57:02.293 [info] <0.272.0> Successfully synced tables from a peer
rabbitmq_1 | 2020-12-08 17:57:02.293 [info] <0.272.0> Peer discovery backend rabbit_peer_discovery_classic_config does not support registration, skipping registration.
rabbitmq_1 | 2020-12-08 17:57:02.293 [info] <0.272.0> Running boot step database_sync defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.294 [info] <0.272.0> Running boot step feature_flags defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.294 [info] <0.272.0> Running boot step
codec_correctness_check defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.294 [info] <0.272.0> Running boot step
external_infrastructure defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.294 [info] <0.272.0> Running boot step rabbit_registry
defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.294 [info] <0.272.0> Running boot step
rabbit_auth_mechanism_cr_demo defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.294 [info] <0.272.0> Running boot step
rabbit_queue_location_random defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.295 [info] <0.272.0> Running boot step rabbit_event
defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.295 [info] <0.272.0> Running boot step
rabbit_auth_mechanism_amqpplain defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.295 [info] <0.272.0> Running boot step
rabbit_auth_mechanism_plain defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.295 [info] <0.272.0> Running boot step
rabbit_exchange_type_direct defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.296 [info] <0.272.0> Running boot step
rabbit_exchange_type_fanout defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.296 [info] <0.272.0> Running boot step
rabbit_exchange_type_headers defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.296 [info] <0.272.0> Running boot step
rabbit_exchange_type_topic defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.296 [info] <0.272.0> Running boot step
rabbit_mirror_queue_mode_all defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.297 [info] <0.272.0> Running boot step
rabbit_mirror_queue_mode_exactly defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.297 [info] <0.272.0> Running boot step
rabbit_mirror_queue_mode_nodes defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.297 [info] <0.272.0> Running boot step
rabbit_priority_queue defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.297 [info] <0.272.0> Priority queues enabled, real BQ is
rabbit_variable_queue

rabbitmq_1 | 2020-12-08 17:57:02.297 [info] <0.272.0> Running boot step
rabbit_queue_location_client_local defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.297 [info] <0.272.0> Running boot step
rabbit_queue_location_min_masters defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.297 [info] <0.272.0> Running boot step kernel_ready
defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.297 [info] <0.272.0> Running boot step
rabbit_sysmon_minder defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.298 [info] <0.272.0> Running boot step
rabbit_epmd_monitor defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.308 [info] <0.447.0> epmd monitor knows us, inter-node
communication (distribution) port: 25672

rabbitmq_1 | 2020-12-08 17:57:02.308 [info] <0.272.0> Running boot step guid_generator
defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.311 [info] <0.272.0> Running boot step
rabbit_node_monitor defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.311 [info] <0.451.0> Starting rabbit_node_monitor
rabbitmq_1 | 2020-12-08 17:57:02.312 [info] <0.272.0> Running boot step delegate_sup
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.314 [info] <0.272.0> Running boot step
rabbit_memory_monitor defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.314 [info] <0.272.0> Running boot step core_initialized
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.314 [info] <0.272.0> Running boot step
upgrade_queues defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.326 [info] <0.272.0> Running boot step
rabbit_connection_tracking defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.327 [info] <0.272.0> Running boot step
rabbit_connection_tracking_handler defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.327 [info] <0.272.0> Running boot step
rabbit_exchange_parameters defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.327 [info] <0.272.0> Running boot step
rabbit_mirror_queue_misc defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.327 [info] <0.272.0> Running boot step rabbit_policies
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.328 [info] <0.272.0> Running boot step rabbit_policy
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.328 [info] <0.272.0> Running boot step
rabbit_queue_location_validator defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.329 [info] <0.272.0> Running boot step
rabbit_quorum_memory_manager defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.329 [info] <0.272.0> Running boot step
rabbit_vhost_limit defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.329 [info] <0.272.0> Running boot step recovery
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:02.330 [info] <0.480.0> Making sure data directory
'/var/lib/rabbitmq/mnesia/rabbit@my-rabbit/msg_stores/vhosts/628WB79CIFDYO9LJI6DKMI
09L' for vhost '/' exists
rabbitmq_1 | 2020-12-08 17:57:02.334 [info] <0.480.0> Starting message stores for vhost
'/'
rabbitmq_1 | 2020-12-08 17:57:02.335 [info] <0.484.0> Message store
"628WB79CIFDYO9LJI6DKMI09L/msg_store_transient": using rabbit_msg_store_ets_index
to provide index
rabbitmq_1 | 2020-12-08 17:57:02.338 [info] <0.480.0> Started message store of type
transient for vhost '/'
rabbitmq_1 | 2020-12-08 17:57:02.338 [info] <0.488.0> Message store
"628WB79CIFDYO9LJI6DKMI09L/msg_store_persistent": using
rabbit_msg_store_ets_index to provide index
rabbitmq_1 | 2020-12-08 17:57:02.344 [info] <0.480.0> Started message store of type
persistent for vhost '/'
rabbitmq_1 | 2020-12-08 17:57:02.346 [info] <0.272.0> Running boot step
empty_db_check defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.346 [info] <0.272.0> Will not seed default virtual host and user: have definitions to load...

rabbitmq_1 | 2020-12-08 17:57:02.346 [info] <0.272.0> Running boot step rabbit_looking_glass defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.346 [info] <0.272.0> Running boot step rabbit_core_metrics_gc defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.346 [info] <0.272.0> Running boot step background_gc defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.346 [info] <0.272.0> Running boot step connection_tracking defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.347 [info] <0.272.0> Setting up a table for connection tracking on this node: 'tracked_connection_on_node_rabbit@my-rabbit'

rabbitmq_1 | 2020-12-08 17:57:02.347 [info] <0.272.0> Setting up a table for per-vhost connection counting on this node: 'tracked_connection_per_vhost_on_node_rabbit@my-rabbit'

rabbitmq_1 | 2020-12-08 17:57:02.347 [info] <0.272.0> Running boot step routing_ready defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.347 [info] <0.272.0> Running boot step pre_flight defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.347 [info] <0.272.0> Running boot step notify_cluster defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.347 [info] <0.272.0> Running boot step networking defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.347 [info] <0.272.0> Running boot step definition_import_worker_pool defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.348 [info] <0.373.0> Starting worker pool 'definition_import_pool' with 8 processes in it

rabbitmq_1 | 2020-12-08 17:57:02.350 [info] <0.272.0> Running boot step cluster_name defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.350 [info] <0.272.0> Running boot step direct_client defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:02.351 [info] <0.44.0> Application rabbit started on node 'rabbit@my-rabbit'

tests_1 | 2020/12/08 17:57:02 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt: connection refused. Sleeping 1s

rabbitmq_1 | 2020-12-08 17:57:02.620 [info] <0.522.0> Feature flags: list of feature flags found:

rabbitmq_1 | 2020-12-08 17:57:02.620 [info] <0.522.0> Feature flags: [] drop_unroutable_metric

rabbitmq_1 | 2020-12-08 17:57:02.620 [info] <0.522.0> Feature flags: [] empty_basic_get_metric

rabbitmq_1 | 2020-12-08 17:57:02.621 [info] <0.522.0> Feature flags: [x] implicit_default_bindings

rabbitmq_1 | 2020-12-08 17:57:02.621 [info] <0.522.0> Feature flags: [x] maintenance_mode_status

rabbitmq_1 | 2020-12-08 17:57:02.621 [info] <0.522.0> Feature flags: [x] quorum_queue

rabbitmq_1 | 2020-12-08 17:57:02.621 [info] <0.522.0> Feature flags: [x] virtual_host_metadata

rabbitmq_1 | 2020-12-08 17:57:02.621 [info] <0.522.0> Feature flags: feature flag states written to disk: yes
rabbitmq_1 | 2020-12-08 17:57:02.733 [info] <0.44.0> Application cowlib started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:02.742 [info] <0.44.0> Application cowboy started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:02.749 [info] <0.522.0> Running boot step
rabbit_mgmt_db_handler defined by app rabbitmq_management_agent
rabbitmq_1 | 2020-12-08 17:57:02.749 [info] <0.522.0> Management plugin: using rates mode 'basic'
rabbitmq_1 | 2020-12-08 17:57:02.755 [info] <0.44.0> Application
rabbitmq_management_agent started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:02.776 [info] <0.44.0> Application prometheus started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:02.785 [info] <0.44.0> Application rabbitmq_web_dispatch started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:02.796 [info] <0.553.0> Prometheus metrics: HTTP (non-TLS) listener started on port 15692
rabbitmq_1 | 2020-12-08 17:57:02.796 [info] <0.522.0> Ready to start client connection listeners
rabbitmq_1 | 2020-12-08 17:57:02.796 [info] <0.44.0> Application rabbitmq_prometheus started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:02.800 [info] <0.672.0> started TCP listener on [::]:5672
rabbitmq_1 | completed with 3 plugins.
rabbitmq_1 | 2020-12-08 17:57:03.063 [info] <0.522.0> Server startup complete; 3 plugins started.
rabbitmq_1 | * rabbitmq_prometheus
rabbitmq_1 | * rabbitmq_web_dispatch
rabbitmq_1 | * rabbitmq_management_agent
rabbitmq_1 | 2020-12-08 17:57:03.063 [info] <0.522.0> Resetting node maintenance status
tests_1 | 2020/12/08 17:57:03 Connected to tcp://rabbitmq:5672
tests_1 |
tests_1 | > tests@1.0.0 test:docker /tests
tests_1 | > jest
tests_1 |
rabbitmq_1 | 2020-12-08 17:57:05.882 [info] <0.679.0> accepting AMQP connection <0.679.0> (172.23.0.7:46074 -> 172.23.0.3:5672)
rabbitmq_1 | 2020-12-08 17:57:05.887 [info] <0.682.0> accepting AMQP connection <0.682.0> (172.23.0.9:48044 -> 172.23.0.3:5672)
rabbitmq_1 | 2020-12-08 17:57:05.935 [info] <0.679.0> connection <0.679.0> (172.23.0.7:46074 -> 172.23.0.3:5672): user 'guest' authenticated and granted access to vhost '/'
rabbitmq_1 | 2020-12-08 17:57:05.943 [info] <0.682.0> connection <0.682.0> (172.23.0.9:48044 -> 172.23.0.3:5672): user 'guest' authenticated and granted access to vhost '/'
rabbitmq_1 | 2020-12-08 17:57:06.272 [info] <0.712.0> accepting AMQP connection <0.712.0> (172.23.0.8:57036 -> 172.23.0.3:5672)


```
rabbitmq_1 | 2020-12-08 17:57:06.334 [info] <0.712.0> connection <0.712.0>
(172.23.0.8:57036 -> 172.23.0.3:5672): user 'guest' authenticated and granted access to
vhost '/'
apigateway_1 | gatwat get logs
stateserv_1 | getting logs
tests_1 | PASS ./index.test.js
tests_1 | Test HTTP server
tests_1 | ✓ Test that response status is 200 (52 ms)
tests_1 | Test API Gateway
tests_1 | ✓ Test that response status is 200 (44 ms)
tests_1 | ✓ Responses with status code 200 when sending PUT request with payload
(15 ms)
tests_1 | ✓ Responses with status code 200 when sending PUT request with payload
(7 ms)
tests_1 | ✓ Returned state should be INIT (8 ms)
tests_1 | ✓ Change state from INIT to PAUSED (10 ms)
tests_1 | ✓ If parameter is not valid state does is not changed (8 ms)
tests_1 | ✓ Requesting logs returns status code 200 (10 ms)
tests_1 |
tests_1 | Test Suites: 1 passed, 1 total
tests_1 | Tests: 8 passed, 8 total
tests_1 | Snapshots: 0 total
tests_1 | Time: 2.165 s
tests_1 | Ran all test suites.
tests_1 | 2020/12/08 17:57:07 Command finished successfully.
devops_tests_1 exited with code 0
Stopping devops_orig_1 ...
Stopping devops_obser_1 ...
Stopping devops_imed_1 ...
Stopping devops_stateserv_1 ...
Stopping devops_apigateway_1 ...
Stopping devops_httpserv_1 ...
Stopping devops_rabbitmq_1 ...
Aborting on container exit...
$ docker-compose -f docker-compose.yaml up --build --abort-on-container-exit
Found orphan containers (devops_tests_1) for this project. If you removed or renamed this
service in your compose file, you can run this command with the --remove-orphans flag to
clean it up.
Building orig
Step 1/4 : FROM node:14
----> 4c7835fa737e
Step 2/4 : WORKDIR /usr/app/
----> Using cache
----> b1ffcf8629
Step 3/4 : COPY ./ ./
----> Using cache
----> a1731fe6ac8f
Step 4/4 : RUN npm install
```

---> Using cache
---> cc6242e79245
Successfully built cc6242e79245
Building imed
Successfully tagged devops_orig:latest
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /usr/app/
---> Using cache
---> b1ffcf8629
Step 3/4 : COPY ./ ./
---> Using cache
---> 2abdbf3a0e0d
Step 4/4 : RUN npm install
---> Using cache
---> 3c1774a6b07b
Successfully built 3c1774a6b07b
Successfully tagged devops_imed:latest
Building obser
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /OBSE
---> Using cache
---> 2b4e6e00ab0b
Step 3/4 : COPY ./ ./
---> Using cache
---> 9faf6ba9d8e7
Step 4/4 : RUN npm install
---> Using cache
---> 1dd683aeb28
Successfully built 1dd683aeb28
Successfully tagged devops_obser:latest
Building httpserv
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /HTTPSERV
---> Using cache
---> 793872116167
Step 3/4 : COPY ./ ./
---> Using cache
---> 1186519f90b9
Step 4/4 : RUN npm install
---> Using cache
---> 66546d34ea4c
Successfully built 66546d34ea4c
Successfully tagged devops_httpserv:latest
Building apigateway
Step 1/4 : FROM node:14

```
---> 4c7835fa737e
Step 2/4 : WORKDIR /APIGTW
---> Using cache
---> 6f024fc5381e
Step 3/4 : COPY ./ ./
---> Using cache
---> deee12c31e70
Step 4/4 : RUN npm install
---> Using cache
---> 5c8ae7a9ab2e
Successfully built 5c8ae7a9ab2e
Successfully tagged devops_apigateway:latest
Building stateserv
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /STATESERV
---> Using cache
---> 5b5d8b501b75
Step 3/4 : COPY ./ ./
---> Using cache
---> ccb7244f8f3d
Step 4/4 : RUN npm install
---> Using cache
---> 8a6fd93ca317
Successfully built 8a6fd93ca317
Successfully tagged devops_stateserv:latest
Starting devops_httpserv_1 ...
Starting devops_rabbitmq_1 ...
Starting devops_apigateway_1 ...
Recreating devops_stateserv_1 ...
Starting devops_obser_1      ...
Starting devops_orig_1      ...
Starting devops_imed_1      ...
Attaching to devops_rabbitmq_1, devops_httpserv_1, devops_apigateway_1,
devops_stateserv_1, devops_orig_1, devops_imed_1, devops_obser_1
httpserv_1 |
httpserv_1 | > httpserv@1.0.0 start /HTTPSERV
httpserv_1 | > cd src && node index.js
httpserv_1 |
apigateway_1 |
apigateway_1 | > httpserv@1.0.0 start /APIGTW
apigateway_1 | > cd src && node index.js
apigateway_1 |
stateserv_1 |
stateserv_1 | > stateserv@1.0.0 start /STATESERV
stateserv_1 | > cd src && node index.js
stateserv_1 |
stateserv_1 | Server running on PORT: 9000
```

```
httpserv_1 | Server running on PORT: 8082
apigateway_1 | Server running on PORT: 8081
obser_1 |
obser_1 | > obse@1.0.0 start /OBSE
obser_1 | > cd src && node index.js
obser_1 |
imed_1 |
imed_1 | > imed@1.0.0 start /usr/app
imed_1 | > cd src && node index.js
imed_1 |
orig_1 |
orig_1 | > orig@1.0.0 start /usr/app
orig_1 | > cd src && node index.js
orig_1 |
rabbitmq_1 | Configuring logger redirection
rabbitmq_1 | 2020-12-08 17:57:21.287 [debug] <0.287.0> Lager installed handler
error_logger_lager_h into error_logger
rabbitmq_1 | 2020-12-08 17:57:21.294 [debug] <0.308.0> Lager installed handler
lager_forwarder_backend into rabbit_log_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.294 [debug] <0.290.0> Lager installed handler
lager_forwarder_backend into error_logger_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.294 [debug] <0.311.0> Lager installed handler
lager_forwarder_backend into rabbit_log_mirroring_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.294 [debug] <0.293.0> Lager installed handler
lager_forwarder_backend into rabbit_log_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.294 [debug] <0.314.0> Lager installed handler
lager_forwarder_backend into rabbit_log_prelaunch_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.294 [debug] <0.317.0> Lager installed handler
lager_forwarder_backend into rabbit_log_queue_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.295 [debug] <0.296.0> Lager installed handler
lager_forwarder_backend into rabbit_log_channel_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.295 [debug] <0.320.0> Lager installed handler
lager_forwarder_backend into rabbit_log_ra_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.295 [debug] <0.299.0> Lager installed handler
lager_forwarder_backend into rabbit_log_connection_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.295 [debug] <0.302.0> Lager installed handler
lager_forwarder_backend into rabbit_log_feature_flags_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.295 [debug] <0.305.0> Lager installed handler
lager_forwarder_backend into rabbit_log_federation_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.295 [debug] <0.323.0> Lager installed handler
lager_forwarder_backend into rabbit_log_shovel_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.295 [debug] <0.326.0> Lager installed handler
lager_forwarder_backend into rabbit_log_upgrade_lager_event
rabbitmq_1 | 2020-12-08 17:57:21.315 [info] <0.44.0> Application lager started on node
'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:21.787 [debug] <0.283.0> Lager installed handler
lager_backend_throttle into lager_event
obser_1 | file:///OBSE/src/index.js:21
```

```

obser_1 |   if (err) throw err;
obser_1 |       ^
obser_1 |
obser_1 | Error: connect ECONNREFUSED 172.23.0.2:5672
obser_1 |   at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1146:16) {
obser_1 |   errno: -111,
obser_1 |   code: 'ECONNREFUSED',
obser_1 |   syscall: 'connect',
obser_1 |   address: '172.23.0.2',
obser_1 |   port: 5672
obser_1 | }
imed_1 | file:///usr/app/src/index.js:17
imed_1 |   if (err) throw err;
imed_1 |       ^
imed_1 |
imed_1 | Error: connect ECONNREFUSED 172.23.0.2:5672
imed_1 |   at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1146:16) {
imed_1 |   errno: -111,
imed_1 |   code: 'ECONNREFUSED',
imed_1 |   syscall: 'connect',
imed_1 |   address: '172.23.0.2',
imed_1 |   port: 5672
imed_1 | }
obser_1 | npm ERR! code ELIFECYCLE
imed_1 | npm ERR! code ELIFECYCLE
imed_1 | npm ERR! errno 1
obser_1 | npm ERR! errno 1
imed_1 | npm ERR! imed@1.0.0 start: `cd src && node index.js`
imed_1 | npm ERR! Exit status 1
imed_1 | npm ERR!
imed_1 | npm ERR! Failed at the imed@1.0.0 start script.
imed_1 | npm ERR! This is probably not a problem with npm. There is likely additional
logging output above.
obser_1 | npm ERR! obse@1.0.0 start: `cd src && node index.js`
obser_1 | npm ERR! Exit status 1
obser_1 | npm ERR!
obser_1 | npm ERR! Failed at the obse@1.0.0 start script.
obser_1 | npm ERR! This is probably not a problem with npm. There is likely additional
logging output above.
imed_1 |
imed_1 | npm ERR! A complete log of this run can be found in:
imed_1 | npm ERR!   /root/.npm/_logs/2020-12-08T17_57_22_419Z-debug.log
obser_1 |
obser_1 | npm ERR! A complete log of this run can be found in:
obser_1 | npm ERR!   /root/.npm/_logs/2020-12-08T17_57_22_422Z-debug.log
rabbitmq_1 | 2020-12-08 17:57:23.970 [info] <0.44.0> Application mnesia started on node
'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:23.976 [info] <0.272.0>

```

```

rabbitmq_1 | Starting RabbitMQ 3.8.9 on Erlang 23.1.4
rabbitmq_1 | Copyright (c) 2007-2020 VMware, Inc. or its affiliates.
rabbitmq_1 | Licensed under the MPL 2.0. Website: https://rabbitmq.com
rabbitmq_1 |
rabbitmq_1 | ## ##   RabbitMQ 3.8.9
rabbitmq_1 | ## ##
rabbitmq_1 | ##### Copyright (c) 2007-2020 VMware, Inc. or its affiliates.
rabbitmq_1 | ##### ##
rabbitmq_1 | ##### Licensed under the MPL 2.0. Website: https://rabbitmq.com
rabbitmq_1 |
rabbitmq_1 | Doc guides: https://rabbitmq.com/documentation.html
rabbitmq_1 | Support:   https://rabbitmq.com/contact.html
rabbitmq_1 | Tutorials: https://rabbitmq.com/getstarted.html
rabbitmq_1 | Monitoring: https://rabbitmq.com/monitoring.html
rabbitmq_1 |
rabbitmq_1 | Logs: <stdout>
rabbitmq_1 |
rabbitmq_1 | Config file(s): /etc/rabbitmq/rabbitmq.conf
rabbitmq_1 |
/etc/rabbitmq/conf.d/management_agent.disable_metrics_collector.conf
rabbitmq_1 |
rabbitmq_1 | Starting broker...2020-12-08 17:57:23.997 [info] <0.272.0>
rabbitmq_1 | node       : rabbit@my-rabbit
rabbitmq_1 | home dir   : /var/lib/rabbitmq
rabbitmq_1 | config file(s) : /etc/rabbitmq/rabbitmq.conf
rabbitmq_1 |             :
/etc/rabbitmq/conf.d/management_agent.disable_metrics_collector.conf
rabbitmq_1 | cookie hash  : Ela4HbfBpO8ytEyLFCa5Rg==
rabbitmq_1 | log(s)       : <stdout>
rabbitmq_1 | database dir : /var/lib/rabbitmq/mnesia/rabbit@my-rabbit
rabbitmq_1 | 2020-12-08 17:57:24.035 [info] <0.272.0> Running boot step pre_boot
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.035 [info] <0.272.0> Running boot step
rabbit_core_metrics defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.036 [info] <0.272.0> Running boot step rabbit_alarm
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.073 [info] <0.415.0> Memory high watermark set to 796
MiB (834840166 bytes) of 1990 MiB (2087100416 bytes) total
rabbitmq_1 | 2020-12-08 17:57:24.095 [info] <0.417.0> Enabling free disk space
monitoring
rabbitmq_1 | 2020-12-08 17:57:24.095 [info] <0.417.0> Disk free limit set to 50MB
rabbitmq_1 | 2020-12-08 17:57:24.102 [info] <0.272.0> Running boot step
code_server_cache defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.103 [info] <0.272.0> Running boot step
file_handle_cache defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.103 [info] <0.420.0> Limiting to approx 1048479 file
handles (943629 sockets)
rabbitmq_1 | 2020-12-08 17:57:24.103 [info] <0.421.0> FHC read buffering: OFF

```

rabbitmq_1 | 2020-12-08 17:57:24.103 [info] <0.421.0> FHC write buffering: ON
rabbitmq_1 | 2020-12-08 17:57:24.114 [info] <0.272.0> Running boot step worker_pool
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.114 [info] <0.374.0> Will use 8 processes for default
worker pool
rabbitmq_1 | 2020-12-08 17:57:24.114 [info] <0.374.0> Starting worker pool 'worker_pool'
with 8 processes in it
rabbitmq_1 | 2020-12-08 17:57:24.117 [info] <0.272.0> Running boot step database
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.124 [info] <0.272.0> Waiting for Mnesia tables for
30000 ms, 9 retries left
rabbitmq_1 | 2020-12-08 17:57:24.125 [info] <0.272.0> Successfully synced tables from a
peer
rabbitmq_1 | 2020-12-08 17:57:24.125 [info] <0.272.0> Waiting for Mnesia tables for
30000 ms, 9 retries left
rabbitmq_1 | 2020-12-08 17:57:24.125 [info] <0.272.0> Successfully synced tables from a
peer
rabbitmq_1 | 2020-12-08 17:57:24.162 [info] <0.272.0> Waiting for Mnesia tables for
30000 ms, 9 retries left
rabbitmq_1 | 2020-12-08 17:57:24.163 [info] <0.272.0> Successfully synced tables from a
peer
rabbitmq_1 | 2020-12-08 17:57:24.163 [info] <0.272.0> Peer discovery backend
rabbit_peer_discovery_classic_config does not support registration, skipping registration.
rabbitmq_1 | 2020-12-08 17:57:24.163 [info] <0.272.0> Running boot step database_sync
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.163 [info] <0.272.0> Running boot step feature_flags
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.164 [info] <0.272.0> Running boot step
codec_correctness_check defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.164 [info] <0.272.0> Running boot step
external_infrastructure defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.164 [info] <0.272.0> Running boot step rabbit_registry
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.164 [info] <0.272.0> Running boot step
rabbit_auth_mechanism_cr_demo defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.165 [info] <0.272.0> Running boot step
rabbit_queue_location_random defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.165 [info] <0.272.0> Running boot step rabbit_event
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.165 [info] <0.272.0> Running boot step
rabbit_auth_mechanism_amqpplain defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.165 [info] <0.272.0> Running boot step
rabbit_auth_mechanism_plain defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.165 [info] <0.272.0> Running boot step
rabbit_exchange_type_direct defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.166 [info] <0.272.0> Running boot step
rabbit_exchange_type_fanout defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.166 [info] <0.272.0> Running boot step
rabbit_exchange_type_headers defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.166 [info] <0.272.0> Running boot step
rabbit_exchange_type_topic defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.166 [info] <0.272.0> Running boot step
rabbit_mirror_queue_mode_all defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.167 [info] <0.272.0> Running boot step
rabbit_mirror_queue_mode_exactly defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.167 [info] <0.272.0> Running boot step
rabbit_mirror_queue_mode_nodes defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.167 [info] <0.272.0> Running boot step
rabbit_priority_queue defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.167 [info] <0.272.0> Priority queues enabled, real BQ is
rabbit_variable_queue
rabbitmq_1 | 2020-12-08 17:57:24.167 [info] <0.272.0> Running boot step
rabbit_queue_location_client_local defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.167 [info] <0.272.0> Running boot step
rabbit_queue_location_min_masters defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.168 [info] <0.272.0> Running boot step kernel_ready
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.168 [info] <0.272.0> Running boot step
rabbit_sysmon_minder defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.168 [info] <0.272.0> Running boot step
rabbit_epmd_monitor defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.176 [info] <0.447.0> epmd monitor knows us, inter-node
communication (distribution) port: 25672
rabbitmq_1 | 2020-12-08 17:57:24.177 [info] <0.272.0> Running boot step guid_generator
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.182 [info] <0.272.0> Running boot step
rabbit_node_monitor defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.182 [info] <0.451.0> Starting rabbit_node_monitor
rabbitmq_1 | 2020-12-08 17:57:24.183 [info] <0.272.0> Running boot step delegate_sup
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.187 [info] <0.272.0> Running boot step
rabbit_memory_monitor defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.188 [info] <0.272.0> Running boot step core_initialized
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.188 [info] <0.272.0> Running boot step
upgrade_queues defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.217 [info] <0.272.0> Running boot step
rabbit_connection_tracking defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.217 [info] <0.272.0> Running boot step
rabbit_connection_tracking_handler defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.217 [info] <0.272.0> Running boot step
rabbit_exchange_parameters defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.218 [info] <0.272.0> Running boot step
rabbit_mirror_queue_misc defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.218 [info] <0.272.0> Running boot step rabbit_policies defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.221 [info] <0.272.0> Running boot step rabbit_policy defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.221 [info] <0.272.0> Running boot step rabbit_queue_location_validator defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.221 [info] <0.272.0> Running boot step rabbit_quorum_memory_manager defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.221 [info] <0.272.0> Running boot step rabbit_vhost_limit defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.221 [info] <0.272.0> Running boot step recovery defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.224 [info] <0.480.0> Making sure data directory '/var/lib/rabbitmq/mnesia/rabbit@my-rabbit/msg_stores/vhosts/628WB79CIFDYO9LJI6DKMI09L' for vhost '/' exists

rabbitmq_1 | 2020-12-08 17:57:24.233 [info] <0.480.0> Starting message stores for vhost '/'

rabbitmq_1 | 2020-12-08 17:57:24.234 [info] <0.484.0> Message store "628WB79CIFDYO9LJI6DKMI09L/msg_store_transient": using rabbit_msg_store_ets_index to provide index

rabbitmq_1 | 2020-12-08 17:57:24.245 [info] <0.480.0> Started message store of type transient for vhost '/'

rabbitmq_1 | 2020-12-08 17:57:24.246 [info] <0.488.0> Message store "628WB79CIFDYO9LJI6DKMI09L/msg_store_persistent": using rabbit_msg_store_ets_index to provide index

rabbitmq_1 | 2020-12-08 17:57:24.252 [info] <0.480.0> Started message store of type persistent for vhost '/'

rabbitmq_1 | 2020-12-08 17:57:24.258 [info] <0.272.0> Running boot step empty_db_check defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.258 [info] <0.272.0> Will not seed default virtual host and user: have definitions to load...

rabbitmq_1 | 2020-12-08 17:57:24.258 [info] <0.272.0> Running boot step rabbit_looking_glass defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.258 [info] <0.272.0> Running boot step rabbit_core_metrics_gc defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.259 [info] <0.272.0> Running boot step background_gc defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.260 [info] <0.272.0> Running boot step connection_tracking defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.260 [info] <0.272.0> Setting up a table for connection tracking on this node: 'tracked_connection_on_node_rabbit@my-rabbit'

rabbitmq_1 | 2020-12-08 17:57:24.261 [info] <0.272.0> Setting up a table for per-vhost connection counting on this node: 'tracked_connection_per_vhost_on_node_rabbit@my-rabbit'

rabbitmq_1 | 2020-12-08 17:57:24.261 [info] <0.272.0> Running boot step routing_ready defined by app rabbit

rabbitmq_1 | 2020-12-08 17:57:24.261 [info] <0.272.0> Running boot step pre_flight defined by app rabbit

```
rabbitmq_1 | 2020-12-08 17:57:24.261 [info] <0.272.0> Running boot step notify_cluster
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.261 [info] <0.272.0> Running boot step networking
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.262 [info] <0.272.0> Running boot step
definition_import_worker_pool defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.262 [info] <0.374.0> Starting worker pool
'definition_import_pool' with 8 processes in it
rabbitmq_1 | 2020-12-08 17:57:24.264 [info] <0.272.0> Running boot step cluster_name
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.264 [info] <0.272.0> Running boot step direct_client
defined by app rabbit
rabbitmq_1 | 2020-12-08 17:57:24.265 [info] <0.44.0> Application rabbit started on node
'rabbit@my-rabbit'
obser_1 |
obser_1 | > obse@1.0.0 start /OBSE
obser_1 | > cd src && node index.js
obser_1 |
imed_1 |
imed_1 | > imed@1.0.0 start /usr/app
imed_1 | > cd src && node index.js
imed_1 |
rabbitmq_1 | 2020-12-08 17:57:25.029 [info] <0.522.0> Feature flags: list of feature flags
found:
rabbitmq_1 | 2020-12-08 17:57:25.030 [info] <0.522.0> Feature flags: [ ]
drop_unroutable_metric
rabbitmq_1 | 2020-12-08 17:57:25.030 [info] <0.522.0> Feature flags: [ ]
empty_basic_get_metric
rabbitmq_1 | 2020-12-08 17:57:25.031 [info] <0.522.0> Feature flags: [x]
implicit_default_bindings
rabbitmq_1 | 2020-12-08 17:57:25.031 [info] <0.522.0> Feature flags: [x]
maintenance_mode_status
rabbitmq_1 | 2020-12-08 17:57:25.031 [info] <0.522.0> Feature flags: [x] quorum_queue
rabbitmq_1 | 2020-12-08 17:57:25.031 [info] <0.522.0> Feature flags: [x]
virtual_host_metadata
rabbitmq_1 | 2020-12-08 17:57:25.031 [info] <0.522.0> Feature flags: feature flag states
written to disk: yes
rabbitmq_1 | 2020-12-08 17:57:25.356 [info] <0.44.0> Application cowlib started on node
'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:25.375 [info] <0.44.0> Application cowboy started on node
'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:25.388 [info] <0.522.0> Running boot step
rabbit_mgmt_db_handler defined by app rabbitmq_management_agent
rabbitmq_1 | 2020-12-08 17:57:25.388 [info] <0.522.0> Management plugin: using rates
mode 'basic'
rabbitmq_1 | 2020-12-08 17:57:25.400 [info] <0.44.0> Application
rabbitmq_management_agent started on node 'rabbit@my-rabbit'
```

```
rabbitmq_1 | 2020-12-08 17:57:25.451 [info] <0.44.0> Application prometheus started on
node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:25.474 [info] <0.44.0> Application rabbitmq_web_dispatch
started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:25.503 [info] <0.554.0> Prometheus metrics: HTTP
(non-TLS) listener started on port 15692
rabbitmq_1 | 2020-12-08 17:57:25.503 [info] <0.522.0> Ready to start client connection
listeners
rabbitmq_1 | 2020-12-08 17:57:25.503 [info] <0.44.0> Application rabbitmq_prometheus
started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 17:57:25.510 [info] <0.673.0> started TCP listener on [::]:5672
rabbitmq_1 | completed with 3 plugins.
rabbitmq_1 | 2020-12-08 17:57:26.209 [info] <0.522.0> Server startup complete; 3 plugins
started.
rabbitmq_1 | * rabbitmq_prometheus
rabbitmq_1 | * rabbitmq_web_dispatch
rabbitmq_1 | * rabbitmq_management_agent
rabbitmq_1 | 2020-12-08 17:57:26.210 [info] <0.522.0> Resetting node maintenance
status
rabbitmq_1 | 2020-12-08 17:57:28.482 [info] <0.676.0> accepting AMQP connection
<0.676.0> (172.23.0.7:55506 -> 172.23.0.2:5672)
rabbitmq_1 | 2020-12-08 17:57:28.624 [info] <0.676.0> connection <0.676.0>
(172.23.0.7:55506 -> 172.23.0.2:5672): user 'guest' authenticated and granted access to
vhost '/'
rabbitmq_1 | 2020-12-08 17:57:29.399 [info] <0.691.0> accepting AMQP connection
<0.691.0> (172.23.0.6:34374 -> 172.23.0.2:5672)
rabbitmq_1 | 2020-12-08 17:57:29.399 [info] <0.688.0> accepting AMQP connection
<0.688.0> (172.23.0.8:56782 -> 172.23.0.2:5672)
rabbitmq_1 | 2020-12-08 17:57:29.487 [info] <0.688.0> connection <0.688.0>
(172.23.0.8:56782 -> 172.23.0.2:5672): user 'guest' authenticated and granted access to
vhost '/'
rabbitmq_1 | 2020-12-08 17:57:29.487 [info] <0.691.0> connection <0.691.0>
(172.23.0.6:34374 -> 172.23.0.2:5672): user 'guest' authenticated and granted access to
vhost '/'
obser_1 | New message received. Writing content to file data.txt
obser_1 | New message received. Writing content to file data.txt
obser_1 | New message received. Writing content to file data.txt
obser_1 | New message received. Writing content to file data.txt
obser_1 | New message received. Writing content to file data.txt
```

Failing build

Running with gitlab-runner 13.6.0 (8fa89735)
on docker-stable sBXQH777
Preparing the "docker" executor
00:39
Using Docker executor with image docker:19.03.12 ...

Starting service docker:dind ...
Pulling docker image docker:dind ...
Using docker image
sha256:6f19136cf89d49aee8fa560eaab20e034c6ee17bbce55a9d33e1fbe5baa35b03 for
docker:dind with digest
docker@sha256:4972457c6a8a4309f9796fc3c8fd288923045ba0e214c102d92b70be99e249
d1 ...
Waiting for services to be up and running...
*** WARNING: Service
runner-sbxqh777-project-2-concurrent-0-66c18fc12a6a7009-docker-0 probably didn't start
properly.
Health check error:
service
"runner-sbxqh777-project-2-concurrent-0-66c18fc12a6a7009-docker-0-wait-for-service"
timeout
Health check container logs:
Service container logs:
2020-12-08T18:29:22.420115300Z Generating RSA private key, 4096 bit long modulus (2
primes)
2020-12-08T18:29:22.539412000Z++++
2020-12-08T18:29:22.555631300Z .++++
2020-12-08T18:29:22.555996700Z e is 65537 (0x010001)
2020-12-08T18:29:22.574360400Z Generating RSA private key, 4096 bit long modulus (2
primes)
2020-12-08T18:29:22.588618100Z .++++
2020-12-08T18:29:23.135018300Z
.....++++
2020-12-08T18:29:23.135360300Z e is 65537 (0x010001)
2020-12-08T18:29:23.163852300Z Signature ok
2020-12-08T18:29:23.165541000Z subject=CN = docker:dind server
2020-12-08T18:29:23.165930600Z Getting CA Private Key
2020-12-08T18:29:23.179256500Z /certs/server/cert.pem: OK
2020-12-08T18:29:23.183216100Z Generating RSA private key, 4096 bit long modulus (2
primes)
2020-12-08T18:29:23.223370500Z++++
2020-12-08T18:29:24.023679200Z
.....
.....++++
2020-12-08T18:29:24.024009600Z e is 65537 (0x010001)
2020-12-08T18:29:24.046291800Z Signature ok
2020-12-08T18:29:24.046341300Z subject=CN = docker:dind client
2020-12-08T18:29:24.046583800Z Getting CA Private Key
2020-12-08T18:29:24.058912700Z /certs/client/cert.pem: OK
2020-12-08T18:29:24.062961800Z mount: permission denied (are you root?)
2020-12-08T18:29:24.062986800Z Could not mount /sys/kernel/security.
2020-12-08T18:29:24.063003900Z AppArmor detection and --privileged mode might break.
2020-12-08T18:29:24.064111800Z mount: permission denied (are you root?)

Pulling docker image docker:19.03.12 ...

Using docker image

sha256:81f5749c9058a7284e6acd8e126f2b882765a17b9ead14422b51cde1a110b85c for

docker:19.03.12 with digest

docker@sha256:d41efe7ad0df5a709cfd4e627c7e45104f39bbc08b1b40d7fb718c562b3ce135 ...

Preparing environment

00:01

Running on runner-sbxqh777-project-2-concurrent-0 via gitlab-runner1...

Getting source from Git repository

00:12

Fetching changes with git depth set to 50...

Reinitialized existing Git repository in /builds/root/devops/.git/

Checking out 5d0d9d7c as master...

Skipping Git submodules setup

Executing "step_script" stage of the job script

01:03

\$ docker info

Client:

Debug Mode: false

Server:

Containers: 24

Running: 3

Paused: 0

Stopped: 21

Images: 336

Server Version: 19.03.12

Storage Driver: overlay2

Backing Filesystem: extfs

Supports d_type: true

Native Overlay Diff: true

Logging Driver: json-file

Cgroup Driver: cgroupfs

Plugins:

Volume: local

Network: bridge host ipvlan macvlan null overlay

Log: awslogs fluentd gcplogs gelf journald json-file local logentries splunk syslog

Swarm: inactive

Runtimes: runc

Default Runtime: runc

Init Binary: docker-init

containerd version: 7ad184331fa3e55e52b890ea95e65ba581ae3429

runc version: dc9208a3303feef5b3839f4323d9beb36df0a9dd

init version: fec3683

Security Options:

seccomp

Profile: default

Kernel Version: 4.19.76-linuxkit

Operating System: Docker Desktop
OSType: linux
Architecture: x86_64
CPUs: 8
Total Memory: 1.944GiB
Name: docker-desktop
ID: FPW3:F3SM:63DI:XBXZ:SVJL:CEM2:G5YQ:RUEZ:YEAQ:CSUD:TLRX:DLZE
Docker Root Dir: /var/lib/docker
Debug Mode: true
File Descriptors: 71
Goroutines: 91
System Time: 2020-12-08T18:30:11.1379908Z
EventsListeners: 4
HTTP Proxy: gateway.docker.internal:3128
HTTPS Proxy: gateway.docker.internal:3129
Registry: https://index.docker.io/v1/
Labels:
Experimental: false
Insecure Registries:
127.0.0.0/8
Live Restore Enabled: false
Product License: Community Engine
\$ apk add --no-cache docker-compose
fetch http://dl-cdn.alpinelinux.org/alpine/v3.12/main/x86_64/APKINDEX.tar.gz
fetch http://dl-cdn.alpinelinux.org/alpine/v3.12/community/x86_64/APKINDEX.tar.gz
(1/45) Installing libbz2 (1.0.8-r1)
(2/45) Installing expat (2.2.9-r1)
(3/45) Installing libffi (3.3-r2)
(4/45) Installing gdbm (1.13-r1)
(5/45) Installing xz-libs (5.2.5-r0)
(6/45) Installing readline (8.0.4-r0)
(7/45) Installing sqlite-libs (3.32.1-r0)
(8/45) Installing python3 (3.8.5-r0)
(9/45) Installing py3-ordered-set (4.0.1-r0)
(10/45) Installing py3-appdirs (1.4.4-r1)
(11/45) Installing py3-parsing (2.4.7-r0)
(12/45) Installing py3-six (1.15.0-r0)
(13/45) Installing py3-packaging (20.4-r0)
(14/45) Installing py3-setuptools (47.0.0-r0)
(15/45) Installing dockerypy-creds (0.4.0-r2)
(16/45) Installing py3-cparser (2.20-r0)
(17/45) Installing py3-cffi (1.14.0-r2)
(18/45) Installing py3-idna (2.9-r0)
(19/45) Installing py3-asn1crypto (1.3.0-r0)
(20/45) Installing py3-cryptography (2.9.2-r0)
(21/45) Installing py3-ipaddress (1.0.23-r1)
(22/45) Installing py3-chardet (3.0.4-r4)
(23/45) Installing py3-certifi (2020.4.5.1-r0)

(24/45) Installing py3-urllib3 (1.25.9-r0)
(25/45) Installing py3-requests (2.23.0-r0)
(26/45) Installing py3-websocket-client (0.57.0-r0)
(27/45) Installing docker-py (4.2.0-r0)
(28/45) Installing py3-cached-property (1.5.1-r1)
(29/45) Installing py3-dockerpty (0.4.1-r2)
(30/45) Installing py3-docopt (0.6.2-r5)
(31/45) Installing py3-more-itertools (8.3.0-r0)
(32/45) Installing py3-zipp (1.0.0-r0)
(33/45) Installing py3-importlib-metadata (1.6.0-r0)
(34/45) Installing py3-pyrsistent (0.16.0-r0)
(35/45) Installing py3-attrs (19.3.0-r1)
(36/45) Installing py3-jsonschema (3.2.0-r0)
(37/45) Installing py3-asn1 (0.4.7-r2)
(38/45) Installing py3-bcrypt (3.1.7-r2)
(39/45) Installing py3-pynacl (1.4.0-r0)
(40/45) Installing py3-paramiko (2.7.1-r0)
(41/45) Installing py3-pysocks (1.7.1-r1)
(42/45) Installing py3-texttable (1.6.2-r1)
(43/45) Installing yaml (0.2.4-r1)
(44/45) Installing py3-yaml (5.3.1-r0)
(45/45) Installing docker-compose (1.25.4-r2)
Executing busybox-1.31.1-r16.trigger
OK: 79 MiB in 65 packages
\$ docker-compose -f docker-compose.test.yml up --build --abort-on-container-exit
Building orig
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /usr/app/
---> Using cache
---> b1fffcfc8629
Step 3/4 : COPY ./ ./
---> Using cache
---> a1731fe6ac8f
Step 4/4 : RUN npm install
---> Using cache
---> cc6242e79245
Successfully built cc6242e79245
Successfully tagged devops_orig:latest
Building imed
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /usr/app/
---> Using cache
---> b1fffcfc8629
Step 3/4 : COPY ./ ./
---> Using cache
---> 2abdbf3a0e0d

Step 4/4 : RUN npm install
---> Using cache
---> 3c1774a6b07b
Successfully built 3c1774a6b07b
Successfully tagged devops_imed:latest
Building obser
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /OBSE
---> Using cache
---> 2b4e6e00ab0b
Step 3/4 : COPY ./ ./
---> Using cache
---> 9faf6ba9d8e7
Step 4/4 : RUN npm install
---> Using cache
---> 1dd683aeb28
Successfully built 1dd683aeb28
Successfully tagged devops_obser:latest
Building httpserv
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /HTTPSERV
---> Using cache
---> 793872116167
Step 3/4 : COPY ./ ./
---> Using cache
---> 1186519f90b9
Step 4/4 : RUN npm install
---> Using cache
---> 66546d34ea4c
Successfully built 66546d34ea4c
Successfully tagged devops_httpserv:latest
Building apigateway
Step 1/4 : FROM node:14
---> 4c7835fa737e
Step 2/4 : WORKDIR /APIGTW
---> Using cache
---> 6f024fc5381e
Step 3/4 : COPY ./ ./
---> Using cache
---> deee12c31e70
Step 4/4 : RUN npm install
---> Using cache
---> 5c8ae7a9ab2e
Successfully built 5c8ae7a9ab2e
Successfully tagged devops_apigateway:latest
Building stateserv

Step 1/4 : FROM node:14

---> 4c7835fa737e

Step 2/4 : WORKDIR /STATESERV

---> Using cache

---> 5b5d8b501b75

Step 3/4 : COPY ./ ./

---> Using cache

---> ccb7244f8f3d

Step 4/4 : RUN npm install

---> Using cache

---> 8a6fd93ca317

Successfully built 8a6fd93ca317

Successfully tagged devops_stateserv:latest

Building tests

Step 1/6 : FROM node:14

---> 4c7835fa737e

Step 2/6 : ENV DOCKERIZE_VERSION v0.6.0

---> Using cache

---> 225a547b1725

Step 3/6 : RUN wget

[https://github.com/jwilder/dockerize/releases/download/\\$DOCKERIZE_VERSION/dockerize-](https://github.com/jwilder/dockerize/releases/download/$DOCKERIZE_VERSION/dockerize-alpine-linux-amd64-$DOCKERIZE_VERSION.tar.gz)

[alpine-linux-amd64-\\$DOCKERIZE_VERSION.tar.gz](#) && tar -C /usr/local/bin -xzf

[dockerize-alpine-linux-amd64-\\$DOCKERIZE_VERSION.tar.gz](#) && rm

[dockerize-alpine-linux-amd64-\\$DOCKERIZE_VERSION.tar.gz](#)

---> Using cache

---> 0c32e54caa46

Step 4/6 : WORKDIR /tests

---> Using cache

---> 651b21238d3e

Step 5/6 : COPY ./ ./

---> 0431a7908b50

Step 6/6 : RUN npm install

---> Running in eddb16f2b675

npm WARN tests@1.0.0 No description

npm WARN tests@1.0.0 No repository field.

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.2.1

(node_modules/fsevents):

npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for

fsevents@2.2.1: wanted {"os":"darwin","arch":"any"} (current: {"os":"linux","arch":"x64"})

added 512 packages from 351 contributors and audited 513 packages in 15.523s

23 packages are looking for funding

run `npm fund` for details

found 0 vulnerabilities

Removing intermediate container eddb16f2b675

---> b14a10c06931

Successfully built b14a10c06931

Successfully tagged devops_tests:latest

Recreating devops_tests_1 ...

```
Starting devops_rabbitmq_1 ...
Recreating devops_stateserv_1 ...
Starting devops_apigateway_1 ...
Starting devops_httpserv_1 ...
Starting devops_orig_1 ...
Starting devops_imed_1 ...
Starting devops_obser_1 ...
Attaching to devops_apigateway_1, devops_rabbitmq_1, devops_httpserv_1,
devops_tests_1, devops_stateserv_1, devops_imed_1, devops_orig_1, devops_obser_1
apigateway_1 |
apigateway_1 | > httpserv@1.0.0 start /APIGTW
apigateway_1 | > cd src && node index.js
apigateway_1 |
apigateway_1 | Server running on PORT: 8081
httpserv_1 |
httpserv_1 | > httpserv@1.0.0 start /HTTPSERV
httpserv_1 | > cd src && node index.js
httpserv_1 |
httpserv_1 | Server running on PORT: 8082
stateserv_1 |
stateserv_1 | > stateserv@1.0.0 start /STATESERV
stateserv_1 | > cd src && node index.js
stateserv_1 |
tests_1 | 2020/12/08 18:30:39 Waiting for: tcp://httpserv:8082
tests_1 | 2020/12/08 18:30:39 Waiting for: tcp://stateserv:9000
tests_1 | 2020/12/08 18:30:39 Waiting for: tcp://apigateway:8081
tests_1 | 2020/12/08 18:30:39 Waiting for: tcp://rabbitmq:5672
stateserv_1 | Server running on PORT: 9000
tests_1 | 2020/12/08 18:30:39 Problem with dial: dial tcp 172.23.0.5:9000: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:39 Problem with dial: dial tcp 172.23.0.2:8081: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:39 Problem with dial: dial tcp 172.23.0.4:8082: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:39 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:42 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:42 Problem with dial: dial tcp 172.23.0.4:8082: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:42 Problem with dial: dial tcp 172.23.0.5:9000: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:42 Problem with dial: dial tcp 172.23.0.2:8081: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:44 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:44 Problem with dial: dial tcp 172.23.0.2:8081: getsockopt:
connection refused. Sleeping 1s
```

```
tests_1 | 2020/12/08 18:30:44 Problem with dial: dial tcp 172.23.0.4:8082: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:44 Problem with dial: dial tcp 172.23.0.5:9000: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:49 Problem with dial: dial tcp 172.23.0.2:8081: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:49 Problem with dial: dial tcp 172.23.0.5:9000: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:49 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:49 Connected to tcp://httpserv:8082
tests_1 | 2020/12/08 18:30:52 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:52 Problem with dial: dial tcp 172.23.0.2:8081: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:52 Problem with dial: dial tcp 172.23.0.5:9000: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:56 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:56 Problem with dial: dial tcp 172.23.0.5:9000: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:56 Problem with dial: dial tcp 172.23.0.2:8081: getsockopt:
connection refused. Sleeping 1s
obser_1 |
obser_1 | > obse@1.0.0 start /OBSE
obser_1 | > cd src && node index.js
obser_1 |
imed_1 |
imed_1 | > imed@1.0.0 start /usr/app
imed_1 | > cd src && node index.js
imed_1 |
tests_1 | 2020/12/08 18:30:57 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:57 Connected to tcp://stateserv:9000
tests_1 | 2020/12/08 18:30:57 Connected to tcp://apigateway:8081
orig_1 |
orig_1 | > orig@1.0.0 start /usr/app
orig_1 | > cd src && node index.js
orig_1 |
rabbitmq_1 | Configuring logger redirection
tests_1 | 2020/12/08 18:30:58 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
tests_1 | 2020/12/08 18:30:59 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
rabbitmq_1 | 2020-12-08 18:31:00.229 [debug] <0.287.0> Lager installed handler
error_logger_lager_h into error_logger
rabbitmq_1 | 2020-12-08 18:31:00.235 [debug] <0.326.0> Lager installed handler
lager_forwarder_backend into rabbit_log_upgrade_lager_event
```

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rabbitmq_1 | 2020-12-08 18:31:00.235 [debug] <0.290.0> Lager installed handler
lager_forwarder_backend into error_logger_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.235 [debug] <0.293.0> Lager installed handler
lager_forwarder_backend into rabbit_log_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.296.0> Lager installed handler
lager_forwarder_backend into rabbit_log_channel_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.299.0> Lager installed handler
lager_forwarder_backend into rabbit_log_connection_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.302.0> Lager installed handler
lager_forwarder_backend into rabbit_log_feature_flags_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.305.0> Lager installed handler
lager_forwarder_backend into rabbit_log_federation_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.308.0> Lager installed handler
lager_forwarder_backend into rabbit_log_ldap_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.311.0> Lager installed handler
lager_forwarder_backend into rabbit_log_mirroring_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.314.0> Lager installed handler
lager_forwarder_backend into rabbit_log_prelaunch_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.317.0> Lager installed handler
lager_forwarder_backend into rabbit_log_queue_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.320.0> Lager installed handler
lager_forwarder_backend into rabbit_log_ra_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.236 [debug] <0.323.0> Lager installed handler
lager_forwarder_backend into rabbit_log_shovel_lager_event
rabbitmq_1 | 2020-12-08 18:31:00.260 [info] <0.44.0> Application lager started on node
'rabbit@my-rabbit'
tests_1 | 2020/12/08 18:31:00 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
rabbitmq_1 | 2020-12-08 18:31:00.730 [debug] <0.283.0> Lager installed handler
lager_backend_throttle into lager_event
tests_1 | 2020/12/08 18:31:01 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt:
connection refused. Sleeping 1s
imed_1 | file:///usr/app/src/index.js:17
imed_1 |   if (err) throw err;
imed_1 |       ^
imed_1 |
imed_1 | Error: connect ECONNREFUSED 172.23.0.3:5672
imed_1 |   at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1146:16) {
imed_1 |     errno: -111,
imed_1 |     code: 'ECONNREFUSED',
imed_1 |     syscall: 'connect',
imed_1 |     address: '172.23.0.3',
imed_1 |     port: 5672
imed_1 |   }
imed_1 | npm ERR! code ELIFECYCLE
imed_1 | npm ERR! errno 1
imed_1 | npm ERR! imed@1.0.0 start: `cd src && node index.js`
imed_1 | npm ERR! Exit status 1

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imed_1      | npm ERR!
imed_1      | npm ERR! Failed at the imed@1.0.0 start script.
imed_1      | npm ERR! This is probably not a problem with npm. There is likely additional
logging output above.
imed_1      |
imed_1      | npm ERR! A complete log of this run can be found in:
imed_1      | npm ERR!   /root/.npm/_logs/2020-12-08T18_31_01_984Z-debug.log
obser_1     | file:///OBSE/src/index.js:21
obser_1     |   if (err) throw err;
obser_1     |     ^
obser_1     |
obser_1     |
obser_1     | Error: connect ECONNREFUSED 172.23.0.3:5672
obser_1     |   at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1146:16) {
obser_1     |     errno: -111,
obser_1     |     code: 'ECONNREFUSED',
obser_1     |     syscall: 'connect',
obser_1     |     address: '172.23.0.3',
obser_1     |     port: 5672
obser_1     |   }
obser_1     | npm ERR! code ELIFECYCLE
obser_1     | npm ERR! errno 1
obser_1     | npm ERR! obse@1.0.0 start: `cd src && node index.js`
obser_1     | npm ERR! Exit status 1
obser_1     | npm ERR!
obser_1     | npm ERR! Failed at the obse@1.0.0 start script.
obser_1     | npm ERR! This is probably not a problem with npm. There is likely additional
logging output above.
obser_1     |
obser_1     | npm ERR! A complete log of this run can be found in:
obser_1     | npm ERR!   /root/.npm/_logs/2020-12-08T18_31_02_068Z-debug.log
rabbitmq_1  | 2020-12-08 18:31:02.202 [info] <0.44.0> Application mnesia started on node
'rabbit@my-rabbit'
rabbitmq_1  | 2020-12-08 18:31:02.202 [info] <0.272.0>
rabbitmq_1  | Starting RabbitMQ 3.8.9 on Erlang 23.1.4
rabbitmq_1  | Copyright (c) 2007-2020 VMware, Inc. or its affiliates.
rabbitmq_1  | Licensed under the MPL 2.0. Website: https://rabbitmq.com
rabbitmq_1  |
rabbitmq_1  | ## ##   RabbitMQ 3.8.9
rabbitmq_1  | ## ##
rabbitmq_1  | ##### Copyright (c) 2007-2020 VMware, Inc. or its affiliates.
rabbitmq_1  | ##### ##
rabbitmq_1  | ##### Licensed under the MPL 2.0. Website: https://rabbitmq.com
rabbitmq_1  |
rabbitmq_1  | Doc guides: https://rabbitmq.com/documentation.html
rabbitmq_1  | Support:   https://rabbitmq.com/contact.html
rabbitmq_1  | Tutorials: https://rabbitmq.com/getstarted.html
rabbitmq_1  | Monitoring: https://rabbitmq.com/monitoring.html
rabbitmq_1  |

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rabbitmq_1 | Logs: <stdout>
rabbitmq_1 |
rabbitmq_1 | Config file(s): /etc/rabbitmq/rabbitmq.conf
rabbitmq_1 |
/etc/rabbitmq/conf.d/management_agent.disable_metrics_collector.conf
rabbitmq_1 |
rabbitmq_1 | Starting broker...2020-12-08 18:31:02.204 [info] <0.272.0>
rabbitmq_1 | node      : rabbit@my-rabbit
rabbitmq_1 | home dir   : /var/lib/rabbitmq
rabbitmq_1 | config file(s) : /etc/rabbitmq/rabbitmq.conf
rabbitmq_1 |           :
/etc/rabbitmq/conf.d/management_agent.disable_metrics_collector.conf
rabbitmq_1 | cookie hash  : Ela4HbfBpO8ytEyLFCa5Rg==
rabbitmq_1 | log(s)       : <stdout>
rabbitmq_1 | database dir  : /var/lib/rabbitmq/mnesia/rabbit@my-rabbit
rabbitmq_1 | 2020-12-08 18:31:02.214 [info] <0.272.0> Running boot step pre_boot
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.214 [info] <0.272.0> Running boot step
rabbit_core_metrics defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.215 [info] <0.272.0> Running boot step rabbit_alarm
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.226 [info] <0.410.0> Memory high watermark set to 796
MiB (834840166 bytes) of 1990 MiB (2087100416 bytes) total
rabbitmq_1 | 2020-12-08 18:31:02.242 [info] <0.417.0> Enabling free disk space
monitoring
rabbitmq_1 | 2020-12-08 18:31:02.243 [info] <0.417.0> Disk free limit set to 50MB
rabbitmq_1 | 2020-12-08 18:31:02.249 [info] <0.272.0> Running boot step
code_server_cache defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.249 [info] <0.272.0> Running boot step
file_handle_cache defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.250 [info] <0.420.0> Limiting to approx 1048479 file
handles (943629 sockets)
rabbitmq_1 | 2020-12-08 18:31:02.250 [info] <0.421.0> FHC read buffering: OFF
rabbitmq_1 | 2020-12-08 18:31:02.250 [info] <0.421.0> FHC write buffering: ON
rabbitmq_1 | 2020-12-08 18:31:02.251 [info] <0.272.0> Running boot step worker_pool
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.251 [info] <0.372.0> Will use 8 processes for default
worker pool
rabbitmq_1 | 2020-12-08 18:31:02.251 [info] <0.372.0> Starting worker pool 'worker_pool'
with 8 processes in it
rabbitmq_1 | 2020-12-08 18:31:02.252 [info] <0.272.0> Running boot step database
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.255 [info] <0.272.0> Waiting for Mnesia tables for
30000 ms, 9 retries left
rabbitmq_1 | 2020-12-08 18:31:02.257 [info] <0.272.0> Successfully synced tables from a
peer
rabbitmq_1 | 2020-12-08 18:31:02.257 [info] <0.272.0> Waiting for Mnesia tables for
30000 ms, 9 retries left

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rabbitmq_1 | 2020-12-08 18:31:02.257 [info] <0.272.0> Successfully synced tables from a peer

rabbitmq_1 | 2020-12-08 18:31:02.290 [info] <0.272.0> Waiting for Mnesia tables for 30000 ms, 9 retries left

rabbitmq_1 | 2020-12-08 18:31:02.290 [info] <0.272.0> Successfully synced tables from a peer

rabbitmq_1 | 2020-12-08 18:31:02.290 [info] <0.272.0> Peer discovery backend rabbit_peer_discovery_classic_config does not support registration, skipping registration.

rabbitmq_1 | 2020-12-08 18:31:02.290 [info] <0.272.0> Running boot step database_sync defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.290 [info] <0.272.0> Running boot step feature_flags defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.290 [info] <0.272.0> Running boot step codec_correctness_check defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.290 [info] <0.272.0> Running boot step external_infrastructure defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.291 [info] <0.272.0> Running boot step rabbit_registry defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.291 [info] <0.272.0> Running boot step rabbit_auth_mechanism_cr_demo defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.291 [info] <0.272.0> Running boot step rabbit_queue_location_random defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.291 [info] <0.272.0> Running boot step rabbit_event defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.291 [info] <0.272.0> Running boot step rabbit_auth_mechanism_amqpplain defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.292 [info] <0.272.0> Running boot step rabbit_auth_mechanism_plain defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.292 [info] <0.272.0> Running boot step rabbit_exchange_type_direct defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.292 [info] <0.272.0> Running boot step rabbit_exchange_type_fanout defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.292 [info] <0.272.0> Running boot step rabbit_exchange_type_headers defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.292 [info] <0.272.0> Running boot step rabbit_exchange_type_topic defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.292 [info] <0.272.0> Running boot step rabbit_mirror_queue_mode_all defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.292 [info] <0.272.0> Running boot step rabbit_mirror_queue_mode_exactly defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.292 [info] <0.272.0> Running boot step rabbit_mirror_queue_mode_nodes defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.293 [info] <0.272.0> Running boot step rabbit_priority_queue defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.293 [info] <0.272.0> Priority queues enabled, real BQ is rabbit_variable_queue

rabbitmq_1 | 2020-12-08 18:31:02.293 [info] <0.272.0> Running boot step rabbit_queue_location_client_local defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.293 [info] <0.272.0> Running boot step
rabbit_queue_location_min_masters defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.293 [info] <0.272.0> Running boot step kernel_ready
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.293 [info] <0.272.0> Running boot step
rabbit_sysmon_minder defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.293 [info] <0.272.0> Running boot step
rabbit_epmd_monitor defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.295 [info] <0.447.0> epmd monitor knows us, inter-node
communication (distribution) port: 25672
rabbitmq_1 | 2020-12-08 18:31:02.295 [info] <0.272.0> Running boot step guid_generator
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.298 [info] <0.272.0> Running boot step
rabbit_node_monitor defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.298 [info] <0.451.0> Starting rabbit_node_monitor
rabbitmq_1 | 2020-12-08 18:31:02.299 [info] <0.272.0> Running boot step delegate_sup
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.300 [info] <0.272.0> Running boot step
rabbit_memory_monitor defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.301 [info] <0.272.0> Running boot step core_initialized
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.301 [info] <0.272.0> Running boot step
upgrade_queues defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.315 [info] <0.272.0> Running boot step
rabbit_connection_tracking defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.316 [info] <0.272.0> Running boot step
rabbit_connection_tracking_handler defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.316 [info] <0.272.0> Running boot step
rabbit_exchange_parameters defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.316 [info] <0.272.0> Running boot step
rabbit_mirror_queue_misc defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.316 [info] <0.272.0> Running boot step rabbit_policies
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.318 [info] <0.272.0> Running boot step rabbit_policy
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.318 [info] <0.272.0> Running boot step
rabbit_queue_location_validator defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.318 [info] <0.272.0> Running boot step
rabbit_quorum_memory_manager defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.318 [info] <0.272.0> Running boot step
rabbit_vhost_limit defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.318 [info] <0.272.0> Running boot step recovery
defined by app rabbit
rabbitmq_1 | 2020-12-08 18:31:02.320 [info] <0.480.0> Making sure data directory
'/var/lib/rabbitmq/mnesia/rabbit@my-rabbit/msg_stores/vhosts/628WB79CIFDYO9LJI6DKMI
09L' for vhost '/' exists
rabbitmq_1 | 2020-12-08 18:31:02.326 [info] <0.480.0> Starting message stores for vhost
'/'

rabbitmq_1 | 2020-12-08 18:31:02.326 [info] <0.484.0> Message store "628WB79CIFDYO9LJI6DKMI09L/msg_store_transient": using rabbit_msg_store_ets_index to provide index

rabbitmq_1 | 2020-12-08 18:31:02.331 [info] <0.480.0> Started message store of type transient for vhost '/'

rabbitmq_1 | 2020-12-08 18:31:02.331 [info] <0.488.0> Message store "628WB79CIFDYO9LJI6DKMI09L/msg_store_persistent": using rabbit_msg_store_ets_index to provide index

rabbitmq_1 | 2020-12-08 18:31:02.335 [info] <0.480.0> Started message store of type persistent for vhost '/'

rabbitmq_1 | 2020-12-08 18:31:02.337 [info] <0.272.0> Running boot step empty_db_check defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.337 [info] <0.272.0> Will not seed default virtual host and user: have definitions to load...

rabbitmq_1 | 2020-12-08 18:31:02.337 [info] <0.272.0> Running boot step rabbit_looking_glass defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.337 [info] <0.272.0> Running boot step rabbit_core_metrics_gc defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.338 [info] <0.272.0> Running boot step background_gc defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.338 [info] <0.272.0> Running boot step connection_tracking defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.338 [info] <0.272.0> Setting up a table for connection tracking on this node: 'tracked_connection_on_node_rabbit@my-rabbit'

rabbitmq_1 | 2020-12-08 18:31:02.339 [info] <0.272.0> Setting up a table for per-vhost connection counting on this node: 'tracked_connection_per_vhost_on_node_rabbit@my-rabbit'

rabbitmq_1 | 2020-12-08 18:31:02.339 [info] <0.272.0> Running boot step routing_ready defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.339 [info] <0.272.0> Running boot step pre_flight defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.339 [info] <0.272.0> Running boot step notify_cluster defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.339 [info] <0.272.0> Running boot step networking defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.339 [info] <0.272.0> Running boot step definition_import_worker_pool defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.339 [info] <0.372.0> Starting worker pool 'definition_import_pool' with 8 processes in it

rabbitmq_1 | 2020-12-08 18:31:02.341 [info] <0.272.0> Running boot step cluster_name defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.341 [info] <0.272.0> Running boot step direct_client defined by app rabbit

rabbitmq_1 | 2020-12-08 18:31:02.341 [info] <0.44.0> Application rabbit started on node 'rabbit@my-rabbit'

tests_1 | 2020/12/08 18:31:02 Problem with dial: dial tcp 172.23.0.3:5672: getsockopt: connection refused. Sleeping 1s

```
rabbitmq_1 | 2020-12-08 18:31:02.808 [info] <0.522.0> Feature flags: list of feature flags
found:
rabbitmq_1 | 2020-12-08 18:31:02.808 [info] <0.522.0> Feature flags:  [ ]
drop_unroutable_metric
rabbitmq_1 | 2020-12-08 18:31:02.808 [info] <0.522.0> Feature flags:  [ ]
empty_basic_get_metric
rabbitmq_1 | 2020-12-08 18:31:02.809 [info] <0.522.0> Feature flags:  [x]
implicit_default_bindings
rabbitmq_1 | 2020-12-08 18:31:02.809 [info] <0.522.0> Feature flags:  [x]
maintenance_mode_status
rabbitmq_1 | 2020-12-08 18:31:02.809 [info] <0.522.0> Feature flags:  [x] quorum_queue
rabbitmq_1 | 2020-12-08 18:31:02.809 [info] <0.522.0> Feature flags:  [x]
virtual_host_metadata
rabbitmq_1 | 2020-12-08 18:31:02.809 [info] <0.522.0> Feature flags: feature flag states
written to disk: yes
rabbitmq_1 | 2020-12-08 18:31:02.941 [info] <0.44.0> Application cowlib started on node
'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 18:31:02.949 [info] <0.44.0> Application cowboy started on node
'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 18:31:02.958 [info] <0.522.0> Running boot step
rabbit_mgmt_db_handler defined by app rabbitmq_management_agent
rabbitmq_1 | 2020-12-08 18:31:02.958 [info] <0.522.0> Management plugin: using rates
mode 'basic'
rabbitmq_1 | 2020-12-08 18:31:02.962 [info] <0.44.0> Application
rabbitmq_management_agent started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 18:31:02.986 [info] <0.44.0> Application prometheus started on
node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 18:31:02.995 [info] <0.44.0> Application rabbitmq_web_dispatch
started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 18:31:03.010 [info] <0.553.0> Prometheus metrics: HTTP
(non-TLS) listener started on port 15692
rabbitmq_1 | 2020-12-08 18:31:03.010 [info] <0.522.0> Ready to start client connection
listeners
rabbitmq_1 | 2020-12-08 18:31:03.011 [info] <0.44.0> Application rabbitmq_prometheus
started on node 'rabbit@my-rabbit'
rabbitmq_1 | 2020-12-08 18:31:03.014 [info] <0.672.0> started TCP listener on [::]:5672
obser_1 |
obser_1 | > obse@1.0.0 start /OBSE
obser_1 | > cd src && node index.js
obser_1 |
imed_1 |
imed_1 | > imed@1.0.0 start /usr/app
imed_1 | > cd src && node index.js
imed_1 |
rabbitmq_1 | 2020-12-08 18:31:03.309 [info] <0.522.0> Server startup complete; 3 plugins
started.
rabbitmq_1 | * rabbitmq_prometheus
rabbitmq_1 | * rabbitmq_web_dispatch
```

```

rabbitmq_1 | * rabbitmq_management_agent
rabbitmq_1 | completed with 3 plugins.
rabbitmq_1 | 2020-12-08 18:31:03.310 [info] <0.522.0> Resetting node maintenance
status
tests_1 | 2020/12/08 18:31:03 Connected to tcp://rabbitmq:5672
tests_1 |
tests_1 | > tests@1.0.0 test:docker /tests
tests_1 | > jest
tests_1 |
apigateway_1 | gatwat get logs
stateserv_1 | getting logs
tests_1 | FAIL ./index.test.js
tests_1 | Test HTTP server
tests_1 |   ✓ Test that response status is 200 (43 ms)
tests_1 | Test API Gateway
tests_1 |   ✓ Test that response status is 200 (30 ms)
tests_1 |   ✓ Responses with status code 200 when sending PUT request with payload
(17 ms)
tests_1 |   ✓ Responses with status code 200 when sending PUT request with payload
(7 ms)
tests_1 |   ✕ Returned state should be INIT (13 ms)
tests_1 |   ✓ Change state from INIT to PAUSED (10 ms)
tests_1 |   ✓ If parameter is not valid state does is not changed (9 ms)
tests_1 |   ✓ Requesting logs returns status code 200 (7 ms)
tests_1 |
tests_1 | • Test API Gateway › Returned state should be INIT
tests_1 |
tests_1 | expect(received).toBe(expected) // Object.is equality
tests_1 |
tests_1 | Expected: "RUNNING"
tests_1 | Received: "INIT"
tests_1 |
tests_1 |    34 |   const response = await fetch(`http://apigateway:8081/state`);
tests_1 |    35 |   const data = await response.text();
tests_1 | > 36 |   expect(data).toBe('RUNNING');
tests_1 |       |           ^
tests_1 |    37 | });
tests_1 |    38 |
tests_1 |    39 | it('Change state from INIT to PAUSED', async () => {
tests_1 |
tests_1 |       at Object.<anonymous> (index.test.js:36:18)
tests_1 |
tests_1 | Test Suites: 1 failed, 1 total
tests_1 | Tests:      1 failed, 7 passed, 8 total
tests_1 | Snapshots:  0 total
tests_1 | Time:       2.175 s
tests_1 | Ran all test suites.

```

```
rabbitmq_1 | 2020-12-08 18:31:07.470 [info] <0.679.0> accepting AMQP connection
<0.679.0> (172.23.0.9:48834 -> 172.23.0.3:5672)
rabbitmq_1 | 2020-12-08 18:31:07.480 [info] <0.682.0> accepting AMQP connection
<0.682.0> (172.23.0.7:46868 -> 172.23.0.3:5672)
rabbitmq_1 | 2020-12-08 18:31:07.524 [info] <0.679.0> connection <0.679.0>
(172.23.0.9:48834 -> 172.23.0.3:5672): user 'guest' authenticated and granted access to
vhost '/'
rabbitmq_1 | 2020-12-08 18:31:07.530 [info] <0.682.0> connection <0.682.0>
(172.23.0.7:46868 -> 172.23.0.3:5672): user 'guest' authenticated and granted access to
vhost '/'
tests_1 | npm ERR! code ELIFECYCLE
tests_1 | npm ERR! errno 1
tests_1 | npm ERR! tests@1.0.0 test:docker: `jest`
tests_1 | npm ERR! Exit status 1
tests_1 | npm ERR!
tests_1 | npm ERR! Failed at the tests@1.0.0 test:docker script.
tests_1 | npm ERR! This is probably not a problem with npm. There is likely additional
logging output above.
tests_1 |
tests_1 | npm ERR! A complete log of this run can be found in:
tests_1 | npm ERR! /root/.npm/_logs/2020-12-08T18_31_07_568Z-debug.log
tests_1 | 2020/12/08 18:31:07 Command exited with error: exit status 1
rabbitmq_1 | 2020-12-08 18:31:08.113 [info] <0.712.0> accepting AMQP connection
<0.712.0> (172.23.0.8:57828 -> 172.23.0.3:5672)
rabbitmq_1 | 2020-12-08 18:31:08.171 [info] <0.712.0> connection <0.712.0>
(172.23.0.8:57828 -> 172.23.0.3:5672): user 'guest' authenticated and granted access to
vhost '/'
devops_tests_1 exited with code 1
Stopping devops_stateserv_1 ...
Stopping devops_orig_1 ...
Stopping devops_obser_1 ...
Stopping devops_imed_1 ...
Stopping devops_apigateway_1 ...
Stopping devops_httpserv_1 ...
Stopping devops_rabbitmq_1 ...
Aborting on container exit...
ERROR: Job failed: exit code 1
```