* Tried hello-world-docker deployment in dev8 with readOnlyRootFilesystem: true

readOnlyRootFilesystem: true means the container can only read the root filesystem

* Since it is read only and the application trying to create tempdir and failed to bring up POD.
* Below is the log from deployment

021-03-17 22:56:29.281 INFO 1 --- [ main] c.t.r.h.docker.HelloWorldDocker : Starting HelloWorldDocker on hello-world-docker-rfw-dev-8-dnzhew7-fb787cb85-ls65t with PID 1 (/occ/rfw-devops/hello-world-docker-4.0.0/lib/hello-world-docker-4.0.0.jar started by occrfwdev1 in /occ/rfw-devops)

2021-03-17 22:56:29.284 INFO 1 --- [ main] c.t.r.h.docker.HelloWorldDocker : No active profile set, falling back to default profiles: default

2021-03-17 22:56:33.377 WARN 1 --- [ main] ConfigServletWebServerApplicationContext : Exception encountered during context initialization - cancelling refresh attempt: org.springframework.context.ApplicationContextException: Unable to start web server; nested exception is org.springframework.boot.web.server.WebServerException: Unable to create tempDir. java.io.tmpdir is set to /tmp

2021-03-17 22:56:33.384 INFO 1 --- [ main] ConditionEvaluationReportLoggingListener :

Error starting ApplicationContext. To display the conditions report re-run your application with 'debug' enabled.

2021-03-17 22:56:33.388 ERROR 1 --- [ main] o.s.boot.SpringApplication : Application run failed

org.springframework.context.ApplicationContextException: Unable to start web server; nested exception is org.springframework.boot.web.server.WebServerException: Unable to create tempDir. java.io.tmpdir is set to /tmp

Thinking we should do this

Create a volume mount for /tmp directory.

volumeMounts:

- mountPath: /tmp

name: tmp

And in Volumes -

volumes:

- emptyDir: {}

name: tmp