1. Se pornesc containerele pe Docker (in Prometheus.yml se seteaza 'host.docker.internal:9502' si alte ipuri pe care le vreti)
2. Recomand s acreati un xml in config/apache-ignite/ puteti sa I dati numele chiar ignite-nodeconfig.xml si sa contina exact asta:

<?xml version="1.0" encoding="UTF-8"?>  
  
<beans xmlns="http://www.springframework.org/schema/beans"  
 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
 xsi:schemaLocation="  
 http://www.springframework.org/schema/beans  
 http://www.springframework.org/schema/beans/spring-beans.xsd">  
 <!--  
 Alter configuration below as needed.  
 -->  
 <bean id="ignite.cfg" class="org.apache.ignite.configuration.IgniteConfiguration">  
 <!-- Ignite Instance Name -->  
 <property name="igniteInstanceName" value="ignite-node"/>  
  
 <!-- Enable Peer Class Loading -->  
 <property name="peerClassLoadingEnabled" value="true"/>  
  
 <property name="dataStorageConfiguration">  
 <bean class="org.apache.ignite.configuration.DataStorageConfiguration">  
 <property name="defaultDataRegionConfiguration">  
 <bean class="org.apache.ignite.configuration.DataRegionConfiguration">  
 <property name="persistenceEnabled" value="true"/>  
 </bean>  
 </property>  
 </bean>  
 </property>  
  
 <!-- Network Configuration -->  
 <property name="discoverySpi">  
 <bean class="org.apache.ignite.spi.discovery.tcp.TcpDiscoverySpi">  
 <property name="ipFinder">  
 <bean class="org.apache.ignite.spi.discovery.tcp.ipfinder.vm.TcpDiscoveryVmIpFinder">  
 <property name="addresses">  
 <list>  
 <value>127.0.0.1:47500..47509</value>  
 </list>  
 </property>  
 </bean>  
 </property>  
 </bean>  
 </property>  
  
 <!-- Network Timeouts -->  
 <property name="networkTimeout" value="3000"/>  
  
 </bean>  
  
  
  
</beans>

1. In ignite se porneste nodul cu comanda:

bin\ignite.bat -J-javaagent:.\jmx\_prometheus\_javaagent-1.0.1.jar=9502:.\jmx-exporter-config.yml .\config\apache-ignite\ignite-nodeconfig.xml

dupa cum se observa folderu jmx, e in ignite, si grija sa nu dea input line too long, eu mi am pus folderele direct in C ca altfel nu ma lasa.

Se executa comanda de cat ori vreti pt : 9501,9502, 9503 sau ce adrese vreti

1. Acum intr-un terminal nou se efectueaza comanda:

.\control.bat --set-state ACTIVE

1. Se poate sa va apara: Local node is not included in Baseline Topology and will not be used for data storage. Use control.(sh|bat) script or IgniteCluster interface to include the node to Baseline Topology.

Cand apare asta se executa : .\control.bat –baseline

Se observa nodurile care nu sunt in baseline si se adauga manual prin:

.\control.bat --baseline add b60608f9-92e5-4dfc-9572-426ac05db71b

1. Ar trebuie ca toate nodurile din topologies a fie active, si sa functioneze, se poate porni PodmanPhoenix si sa se conecteze si sa se faca operatii pe cache.
2. In Prometheus o sa se oberve metricsurile din ignite si in zipkin traceurile de la PodmanPhoenix, la ignite nu sunt inca puse.
3. In momentul in care opriti nodurile, unul sau mai multe sau toate, la repornirea lor trebuie executata urmatoare comanda, altfel o sa fie problema cu cacheu.
4. .\control.bat --cache reset\_lost\_partitions myCache

myCache e numele pe care il are cacheu nostru in clasele post si get

Si ca de obicei la pornire, in caz ca state este INACTIVE se excecuta din nou comanda de la punctul 4

Cam asta ar fi tot ce am observant ca trebuie pornit, mai mult nu stiu sa fie