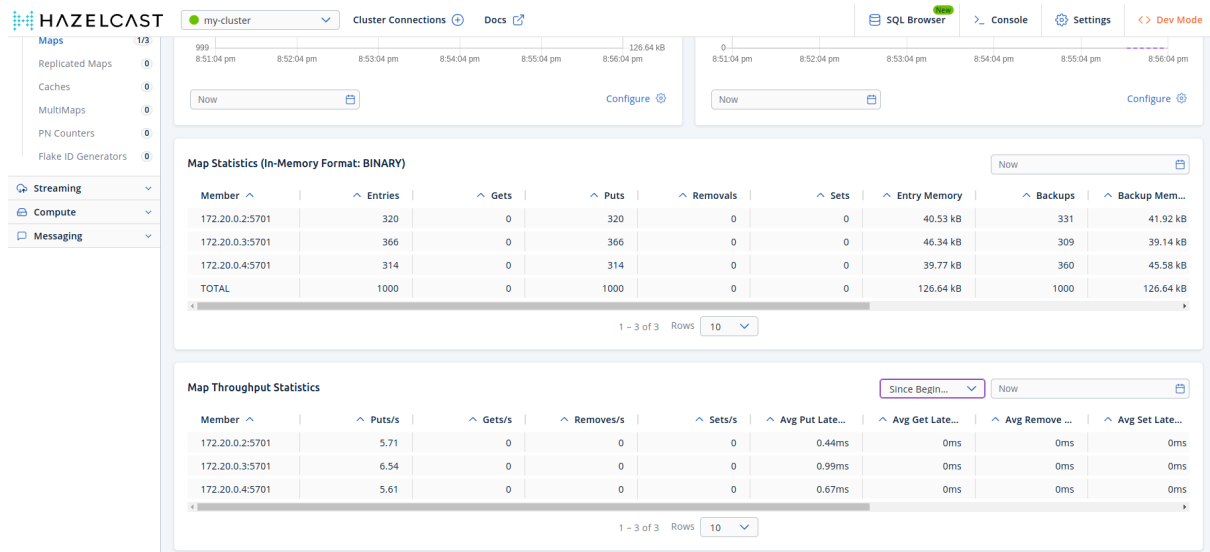


Task_2 - Hazelcast

Source code: https://github.com/hannusia/software_architecture_labs/tree/hazelcast

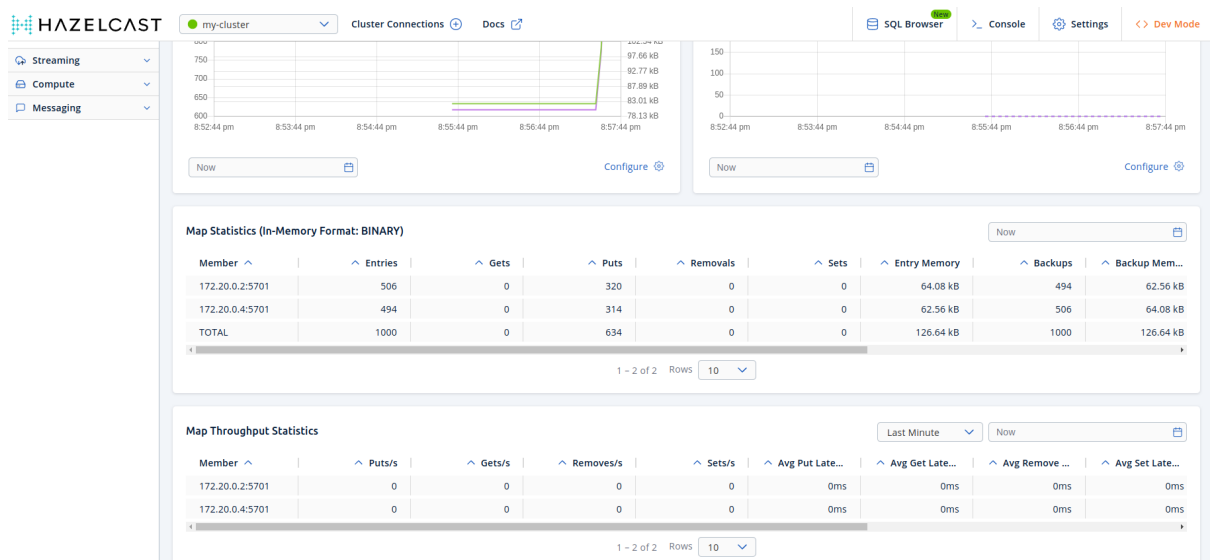
3. try_distributed_map.py:

з 3-ма нодами:

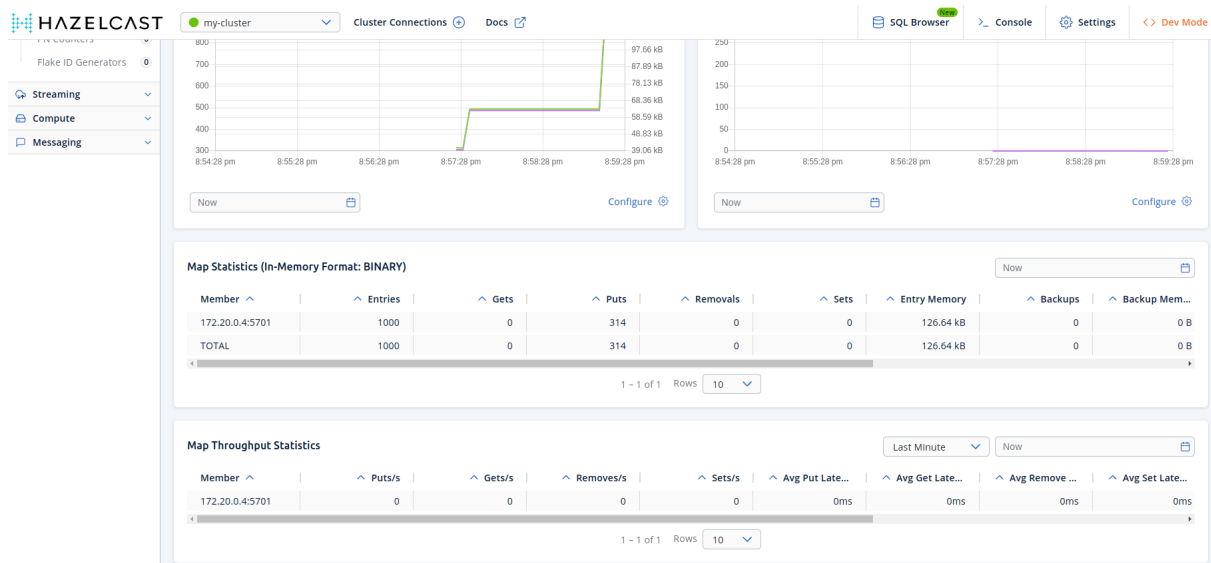


Дані та backup memory розподіляються приблизно рівномірно.

Після відключення однієї ноди:

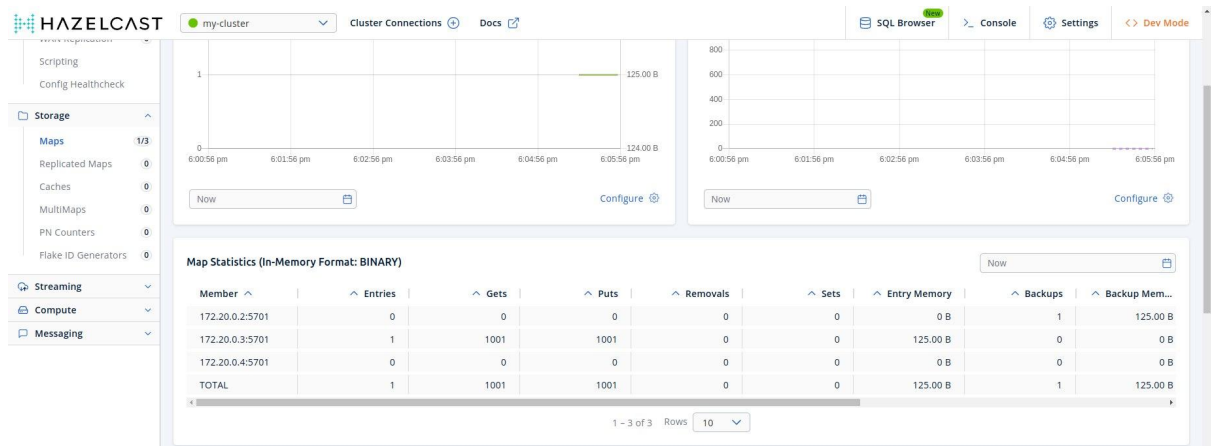


Після відключення ще однієї ноди:

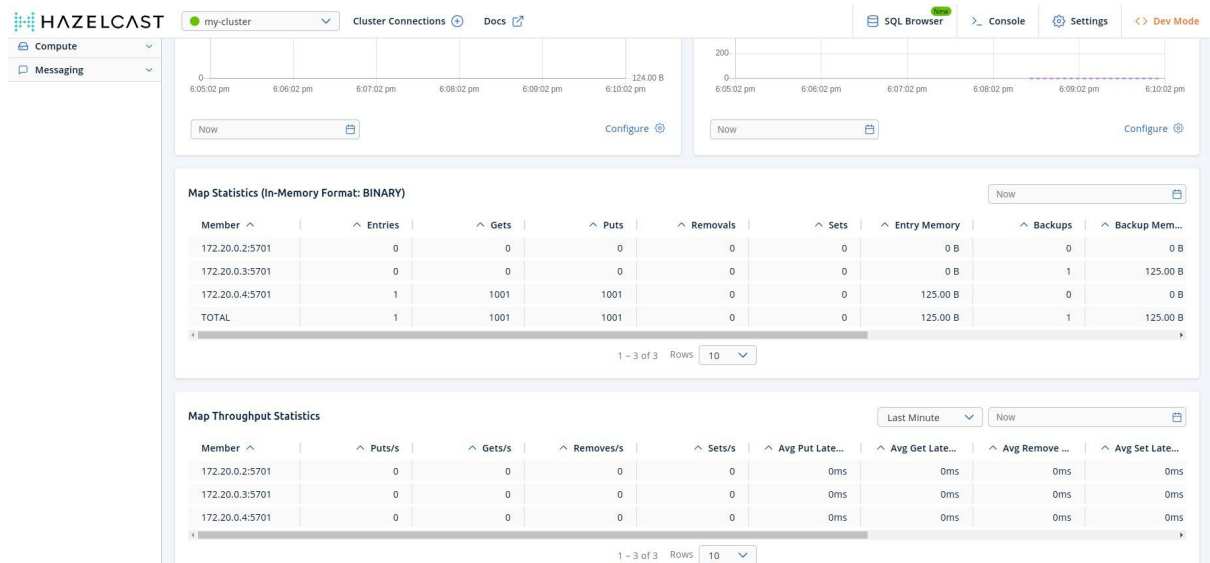


4.

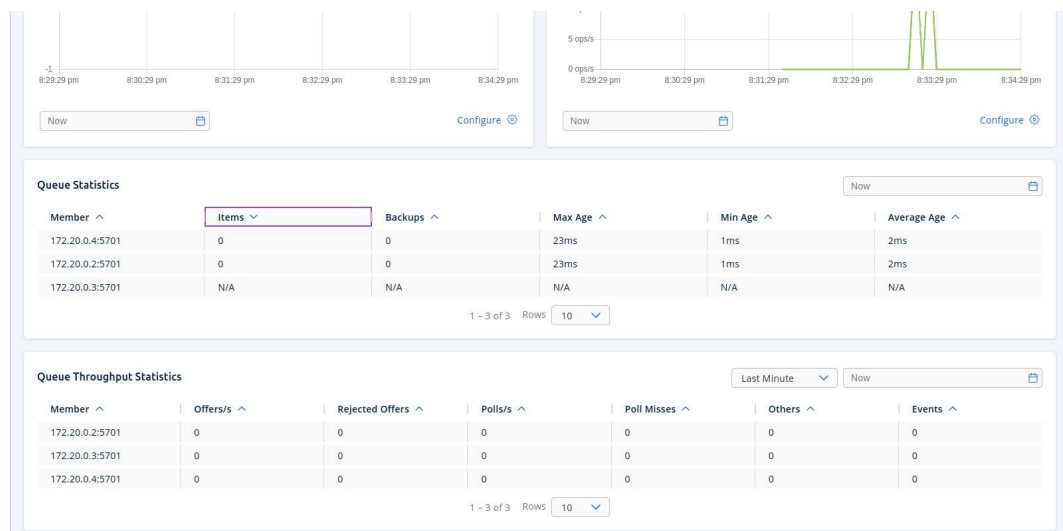
a) no_blocking.py:



b) pessim_blocking.py:



c) optim_blocking.py:



5. bounded_queue.py:

Queue Statistics						Now	
Member ^	Items ^	Backups ^	Max Age ^	Min Age ^	Average Age ^		
172.20.0.2:5701	N/A	N/A	N/A	N/A	N/A		
172.20.0.3:5701	101	0	31ms	1ms	6ms		
172.20.0.4:5701	0	101	32ms	1ms	6ms		
1 - 3 of 3			Rows	10			

Queue Throughput Statistics						Last Minute	Now	
Member ^	Offers/s ^	Rejected Offers ^	Polls/s ^	Poll Misses ^	Others ^	Events ^		
172.20.0.2:5701	0	0	0	0	0	0		
172.20.0.3:5701	1.84	0	0	0	1.85	0		
172.20.0.4:5701	0	0	0	0	0	0		
1 - 3 of 3			Rows	10				

Queue Statistics						Now	
Member ^	Items ^	Backups ^	Max Age ^	Min Age ^	Average Age ^		
172.20.0.2:5701	N/A	N/A	N/A	N/A	N/A		
172.20.0.3:5701	101	0	31ms	1ms	6ms		
172.20.0.4:5701	0	101	32ms	1ms	6ms		
1 - 3 of 3			Rows	10			

Queue Throughput Statistics						Last Minute	Now	
Member ^	Offers/s ^	Rejected Offers ^	Polls/s ^	Poll Misses ^	Others ^	Events ^		
172.20.0.2:5701	0	0	0	0	0	0		
172.20.0.3:5701	0	0	0	0	0.02	0		
172.20.0.4:5701	0	0	0	0	0	0		
1 - 3 of 3			Rows	10				