

SPECjEnterprise2010

Run Info

name	passed	EjOPS	duration	cpu	gc reasons	pause seconds
jboss-eap-7.4.0.CD21-CR1_2010_494_2000	true	3181.723	00:16:01	31.275	Allocation Failure 464	6.887
jboss-eap-7.4.0.GA-CR1_2010_495_2000	true	3179.25	00:16:02	34.696	Allocation Failure 508	7.485

server cpu



MfgDriver

runId	passed	Mfg EjOPS	Work Orders
jboss-eap-7.4.0.CD21-CR1_2010_494_2000	true	1169.413	701648
jboss-eap-7.4.0.GA-CR1_2010_495_2000	true	1165.172	699103

mix

	CreateVehicleEJB			CreateVehicleWS		
	success	failure	passed	success	failure	passed
jboss-eap-7.4.0.CD21-CR1_2010_494_2000	351057	10	true	350591	19	true
jboss-eap-7.4.0.GA-CR1_2010_495_2000	349800 -0.359%	10	true	349303 -0.368%	19	true

response times

	CreateVehicleEJB					CreateVehicleWS				
	sd	avg	p90th	p99th	max	sd	avg	p90th	p99th	max
jboss-eap-7.4.0.CD21-CR1_2010_494_2000	0.004	0.014	0.025	0.05	0.085	0.551	0.363	0.6	3.175	11.637
jboss-eap-7.4.0.GA-CR1_2010_495_2000	0.004 0.000%	0.016 13.333%	0.025 0.000%	0.05 0.000%	0.088 3.468%	0.846 42.233%	0.472 26.108%	0.725 18.868%	5.575 54.857%	8.739 -28.445%

cycle times

	CreateVehicleEJB				CreateVehicleWS			
	target	avg	min	max	target	avg	min	max
jboss-eap-7.4.0.CD21-CR1_2010_494_2000	4.937	5.033	0.751	25.035	4.935	5.122	0.184	25.033
jboss-eap-7.4.0.GA-CR1_2010_495_2000	4.915	5.011	0.535	25.036	4.947	5.184	0.252	25.026

DealerDriver

runId	passed	Dealer EjOPS	Purchase/Manage/Browse Transactions
jboss-eap-7.4.0.CD21-CR1_2010_494_2000	true	2012.31	1207386
jboss-eap-7.4.0.GA-CR1_2010_495_2000	true	2014.078	1208447

mix

	Purchase			Manage			Browse		
	success	failure	passed	success	failure	passed	success	failure	passed
jboss-eap-7.4.0.CD21-CR1_2010_494_2000	301603	0	true	301708	0	true	604075	0	true
jboss-eap-7.4.0.GA-CR1_2010_495_2000	302053 0.149%	0	true	301682 -0.009%	1	true	604712 0.105%	0	true

response times

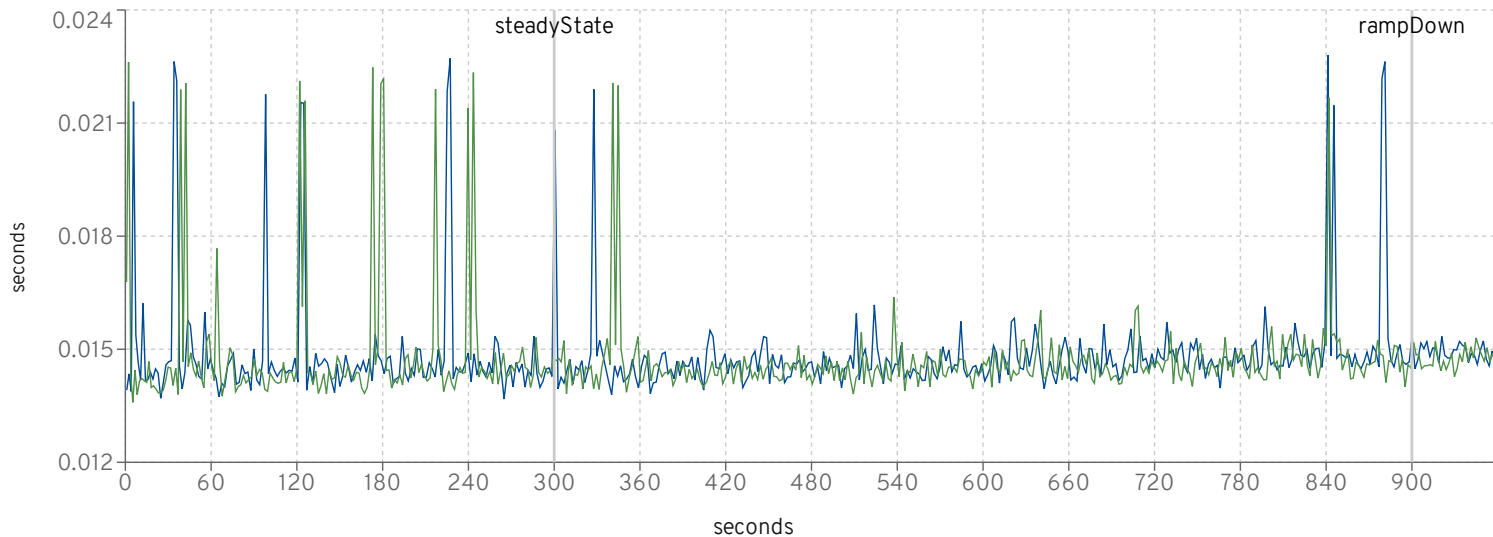
	Purchase					Manage					Browse				
	sd	avg	p90th	p99th	max	sd	avg	p90th	p99th	max	sd	avg	p90th	p99th	max
jboss-eap-7.4.0.CD21-CR1_2010_494_2000	0.00 3	0.00 5	0.01	0.02	0.1	0.014	0.01 7	0.04	0.08	0.22 8	0.003	0.009	0.01	0.03	0.113
jboss-eap-7.4.0.GA-CR1_2010_495_2000	0.00 3 0.000 %	0.00 6 18.182 %	0.01 0.000 %	0.02 0.000 %	0.296 98.990 %	0.016 13.333 %	0.01 9 11.111 %	0.04 0.000 %	0.09 11.765 %	0.261 13.497 %	0.002 -40.000 %	0.00 8 -11.765 %	0.01 0.000 %	0.03 0.000 %	0.27 6 83.8 05%

cycle times

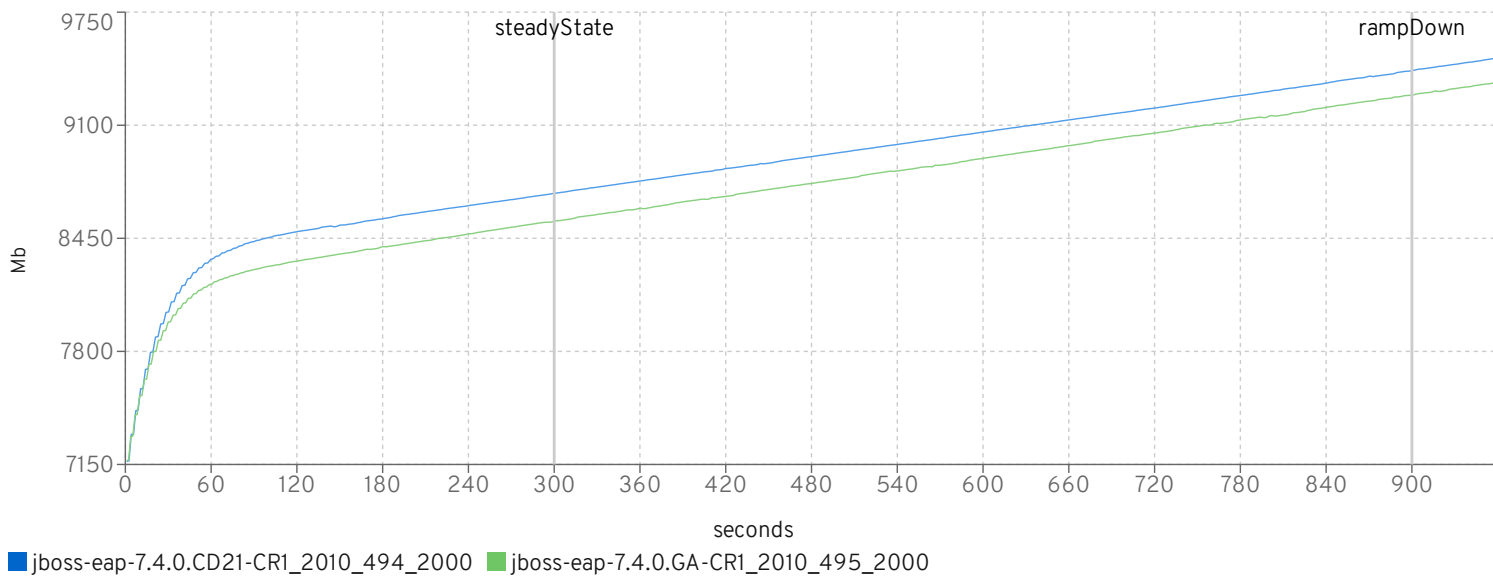
	Purchase				Manage				Browse			
	target	avg	min	max	target	avg	min	max	target	avg	min	max
jboss-eap-7.4.0.CD21-CR1_2010_494_2000	9.787	9.786	0.003	50	9.779	9.778	0.006	50.007	9.781	9.781	0.007	50.018
jboss-eap-7.4.0.GA-CR1_2010_495_2000	9.751	9.75	0.003	50.003	9.767	9.766	0.006	50.016	9.783	9.783	0.006	50.015

gc

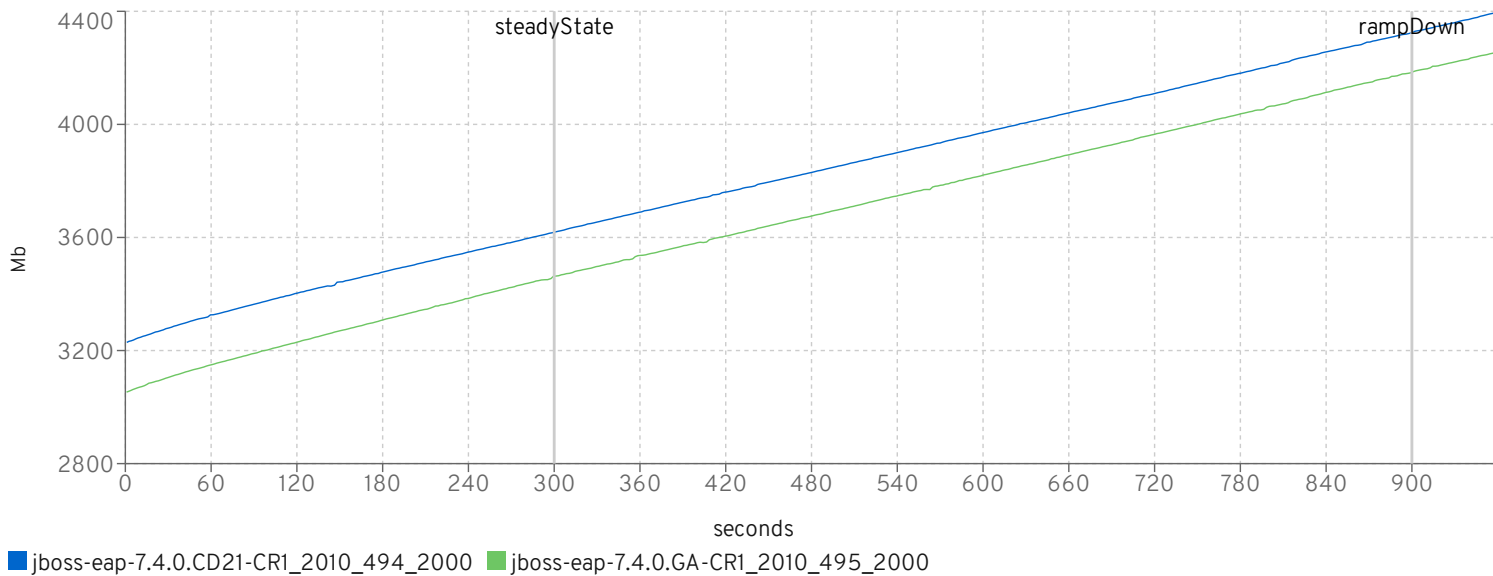
GC duration



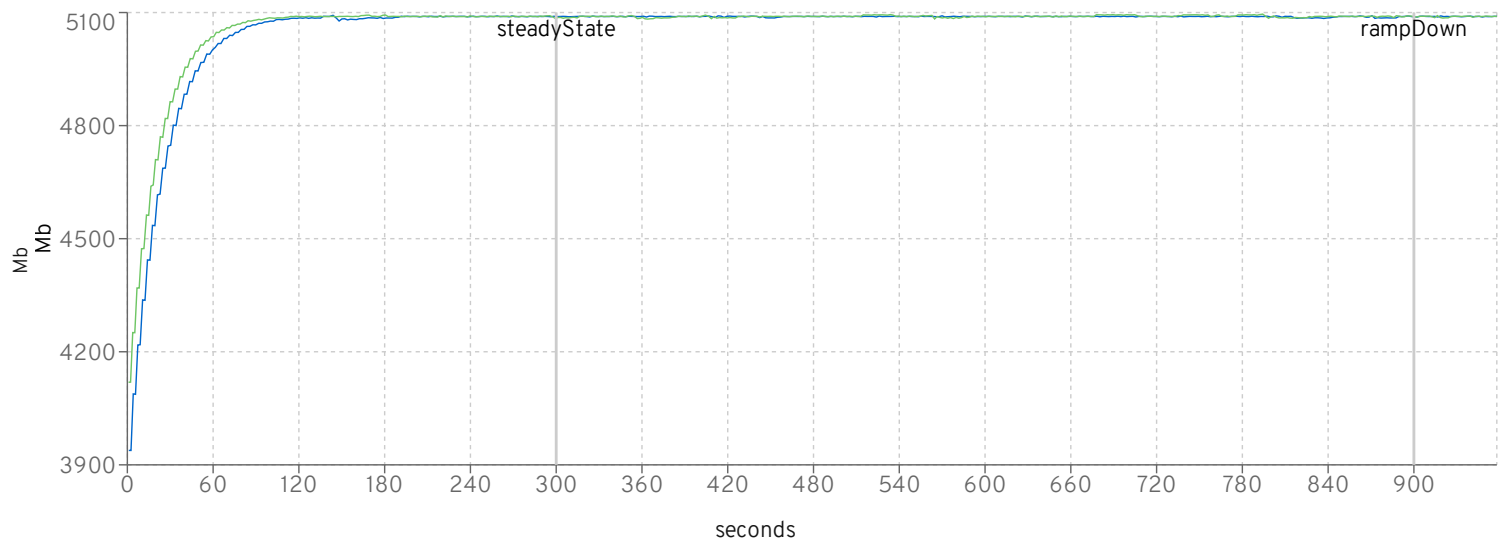
Heap before GC



Heap after GC

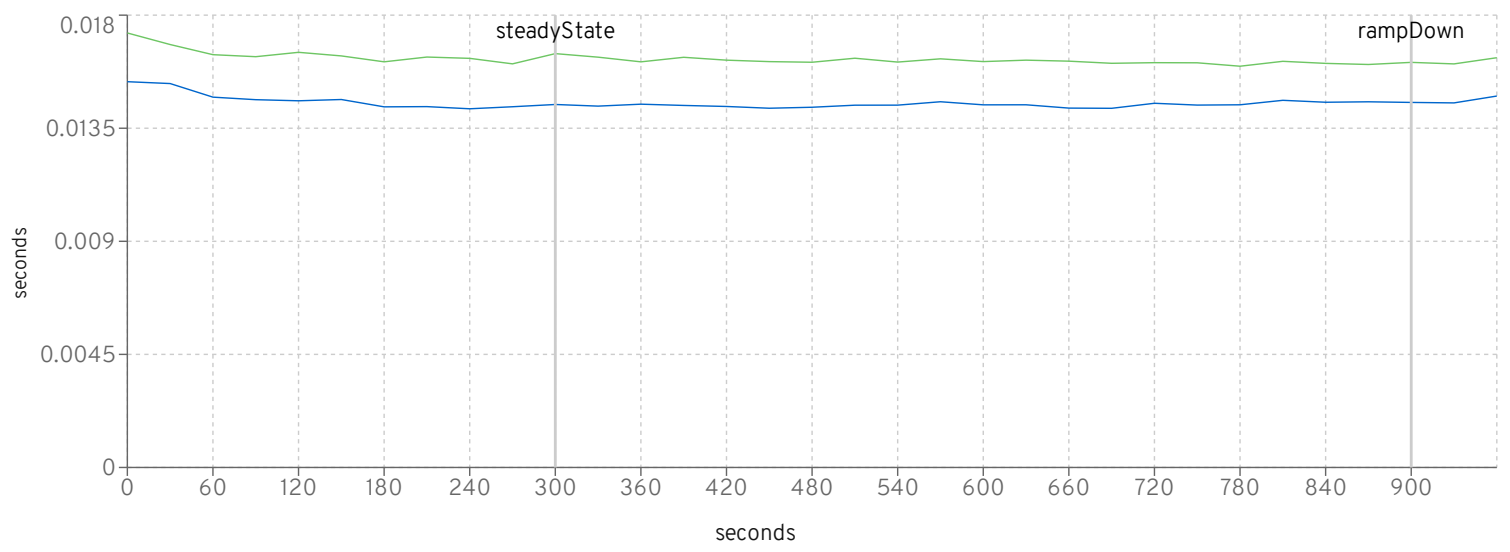


Heap freed in GC

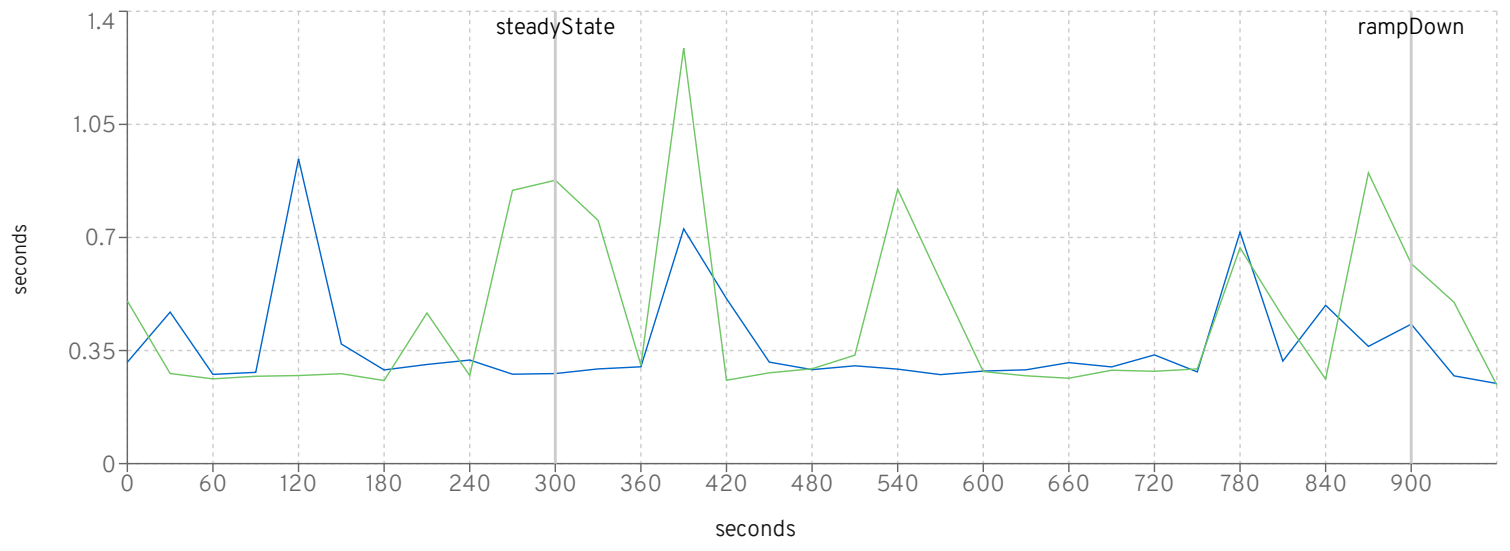


MfgDriver Response Times (seconds)

CreateVehicleEJB

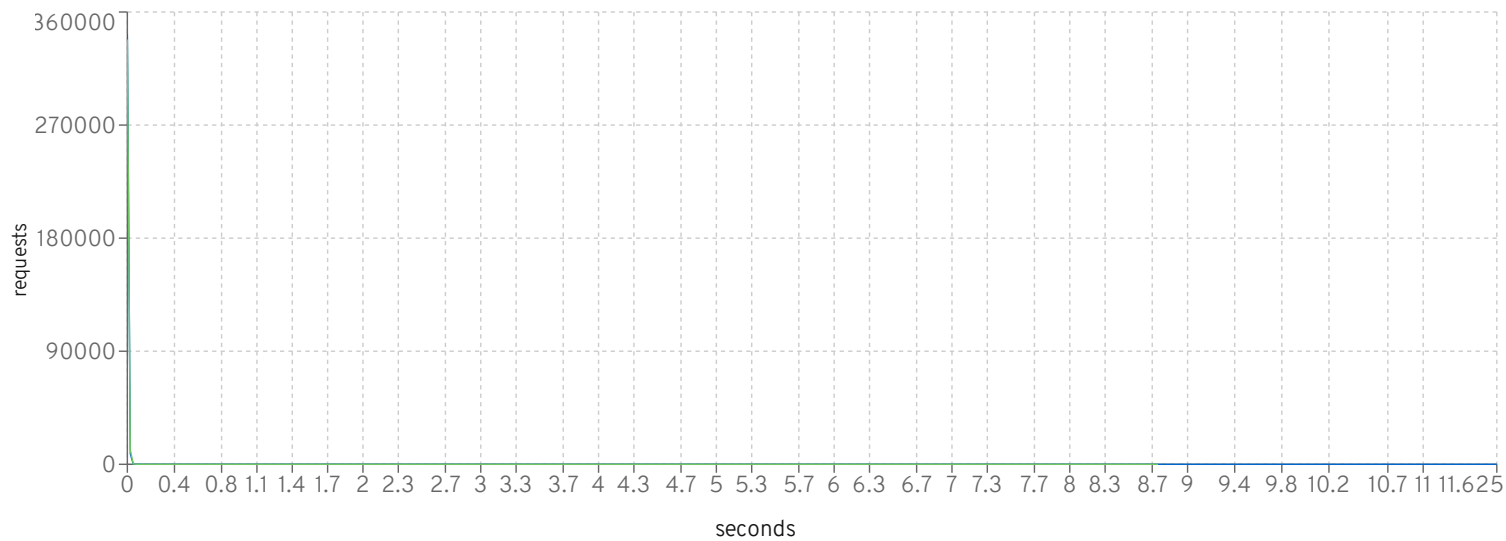


CreateVehicleWS

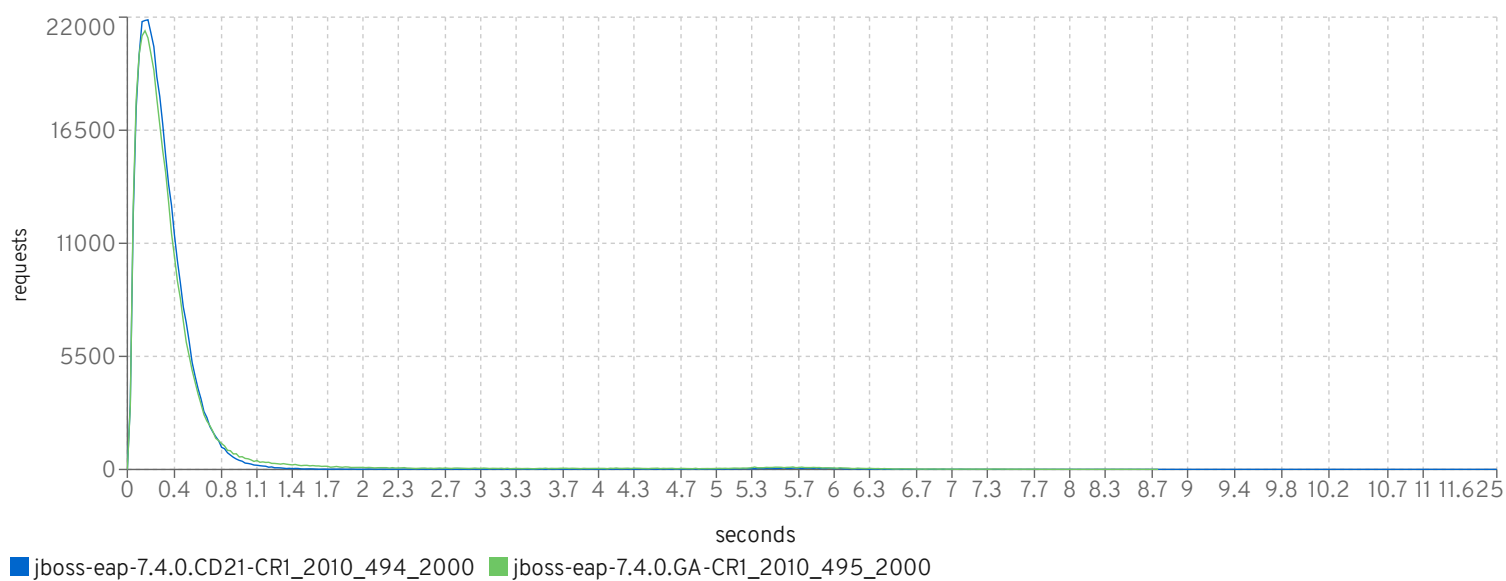


MfgDriver Response Times Distribution

CreateVehicleEJB

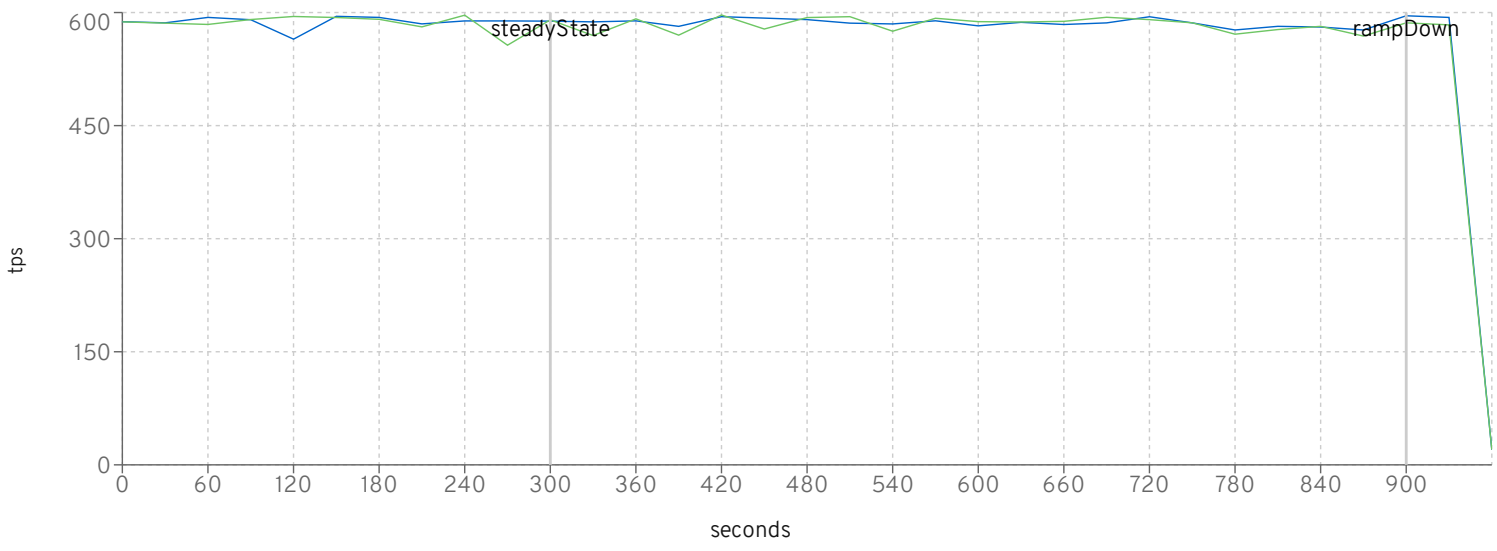


CreateVehicleWS



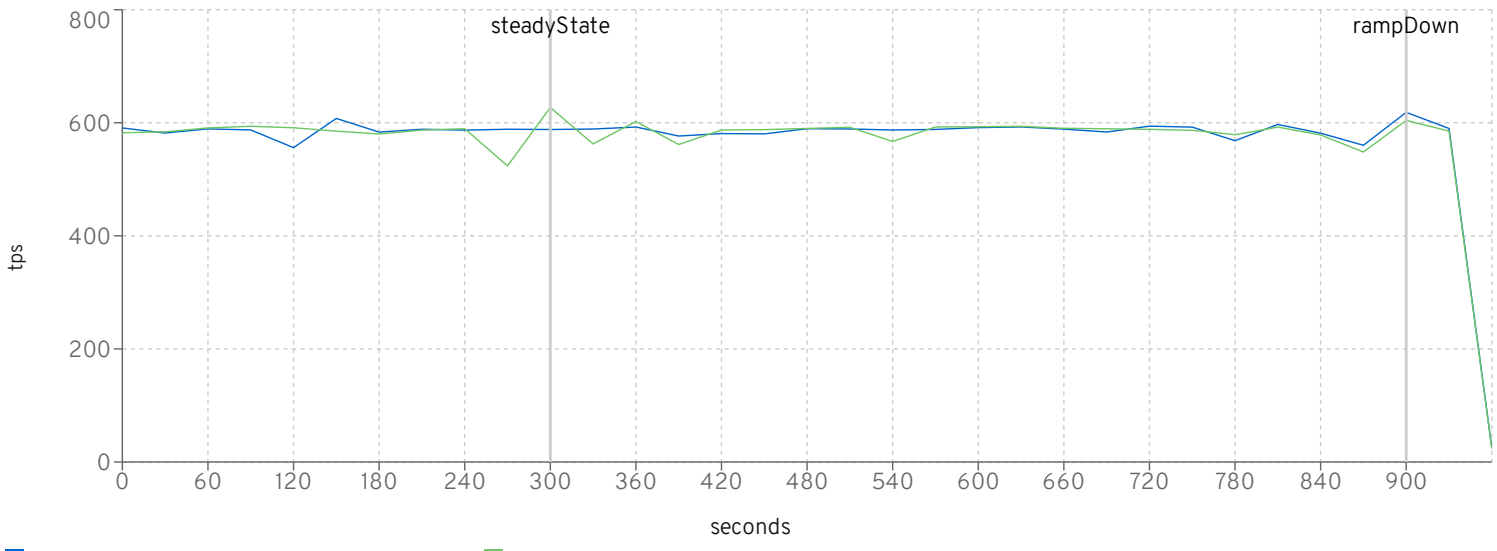
MfgDriver Throughput

CreateVehicleEJB



■ jboss-eap-7.4.0.CD21-CR1_2010_494_2000 ■ jboss-eap-7.4.0.GA-CR1_2010_495_2000

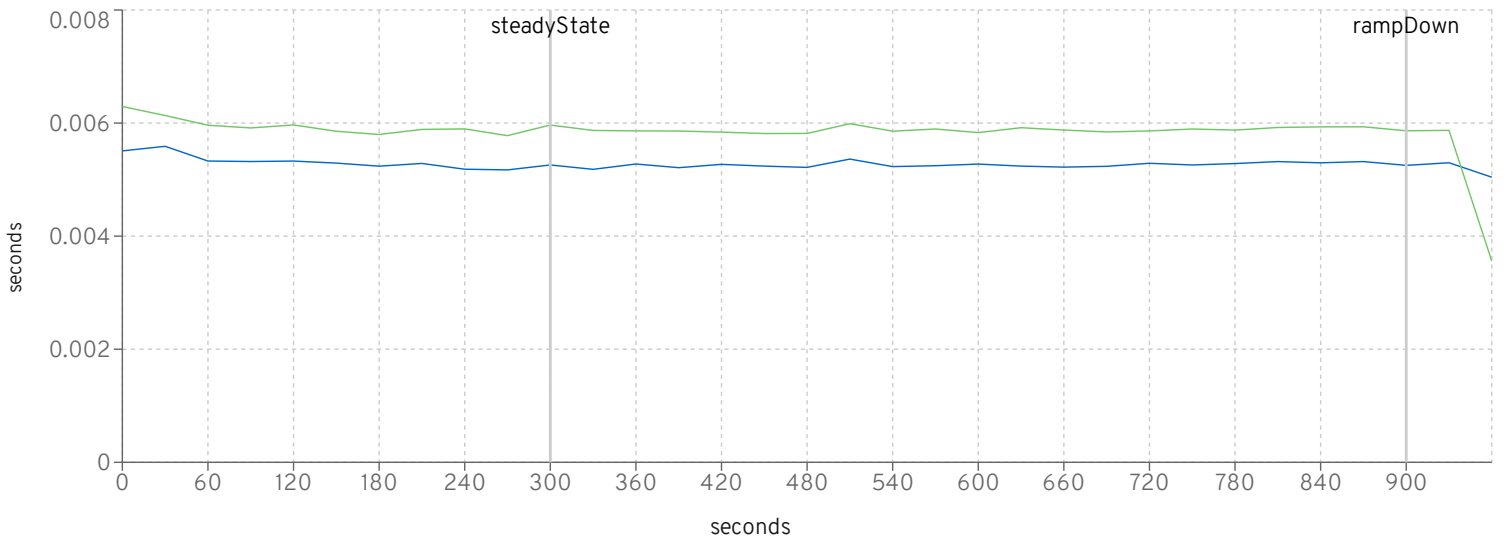
CreateVehicleWS



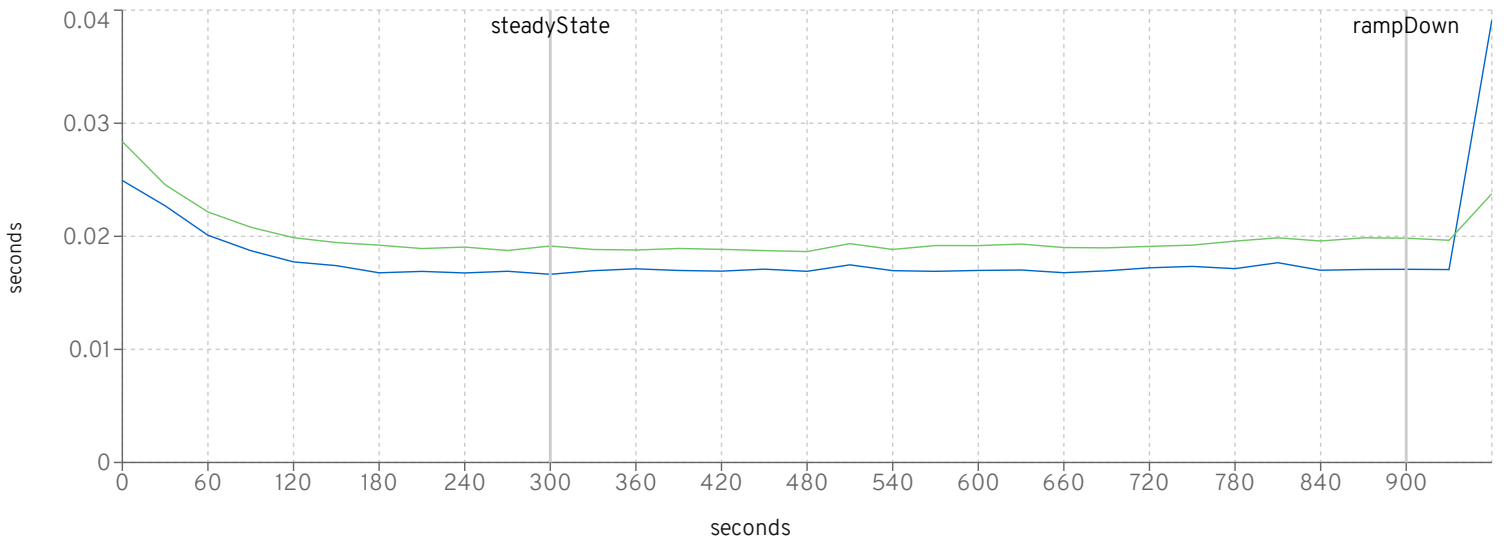
■ jboss-eap-7.4.0.CD21-CR1_2010_494_2000 ■ jboss-eap-7.4.0.GA-CR1_2010_495_2000

DealerDriver Response Times (seconds)

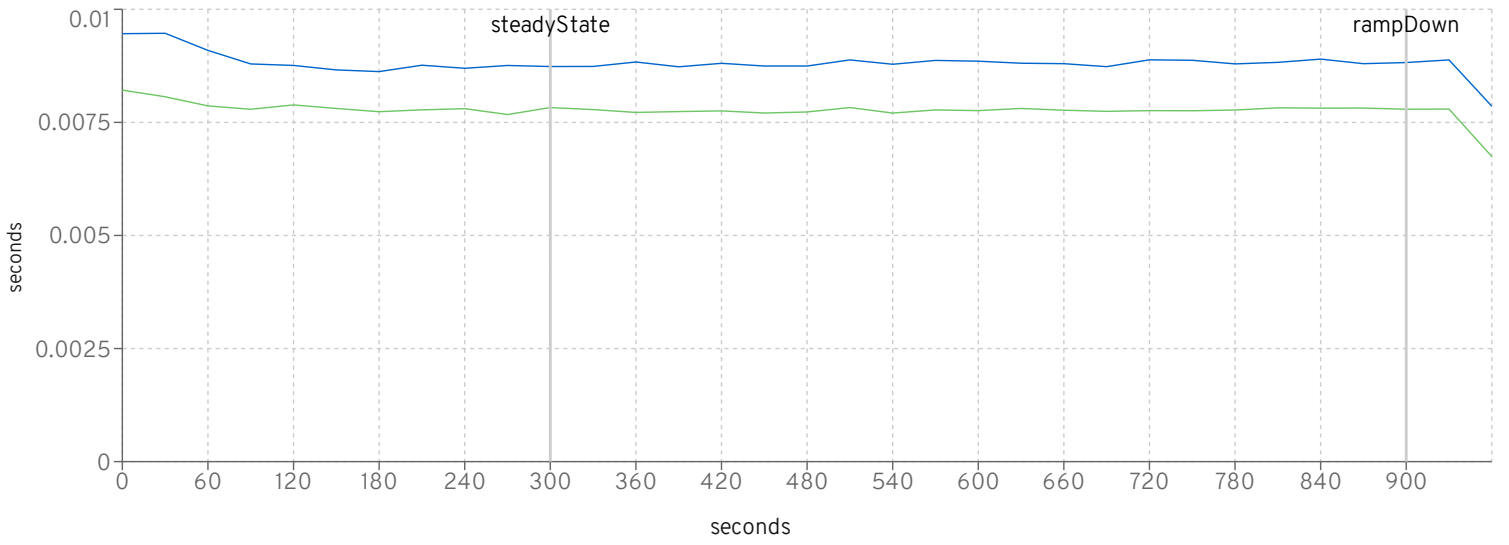
Purchase



Manage

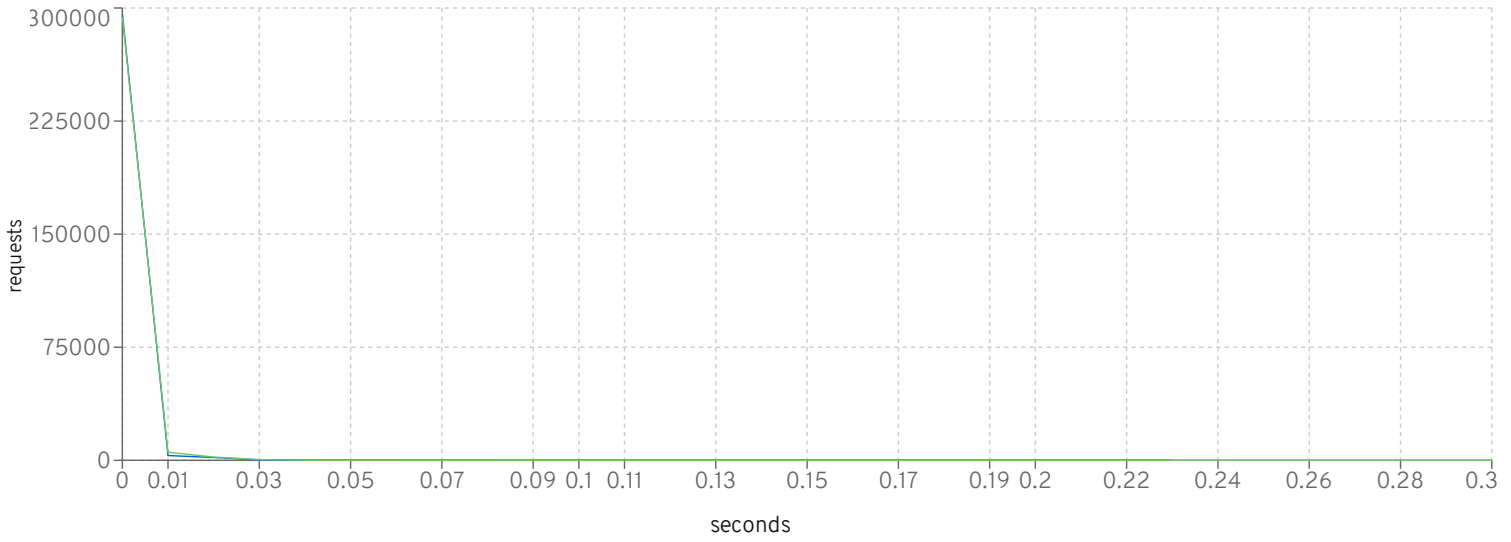


Browse



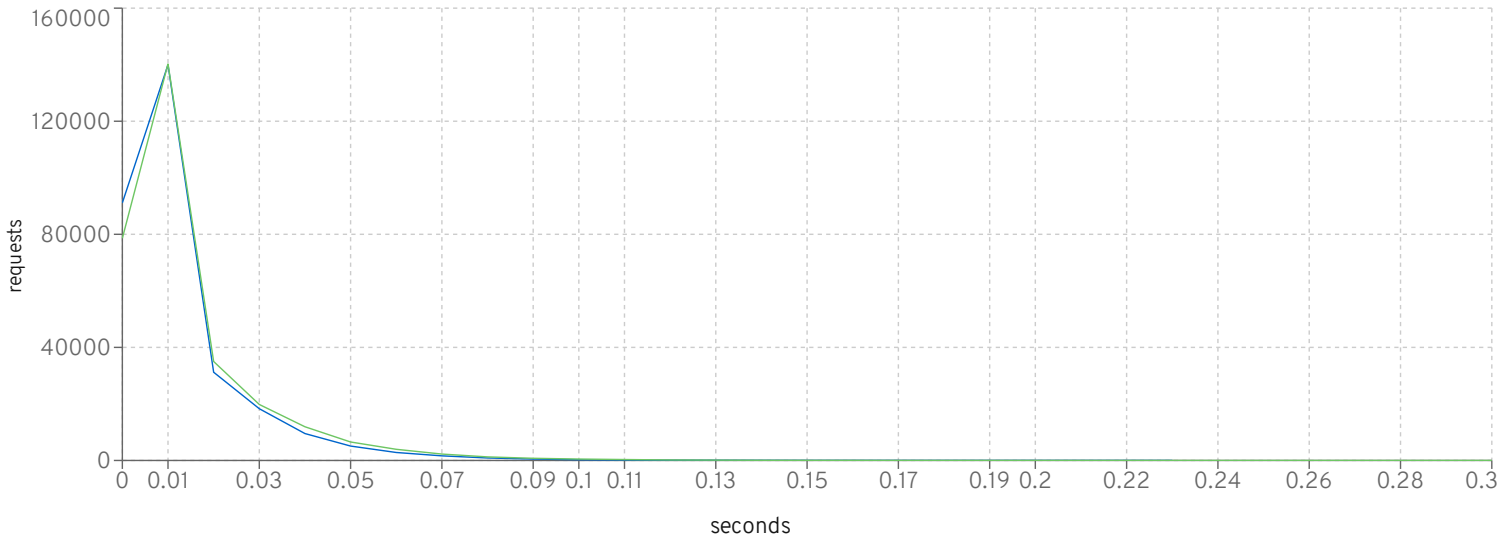
DealerDriver Response Times Distribution

Purchase



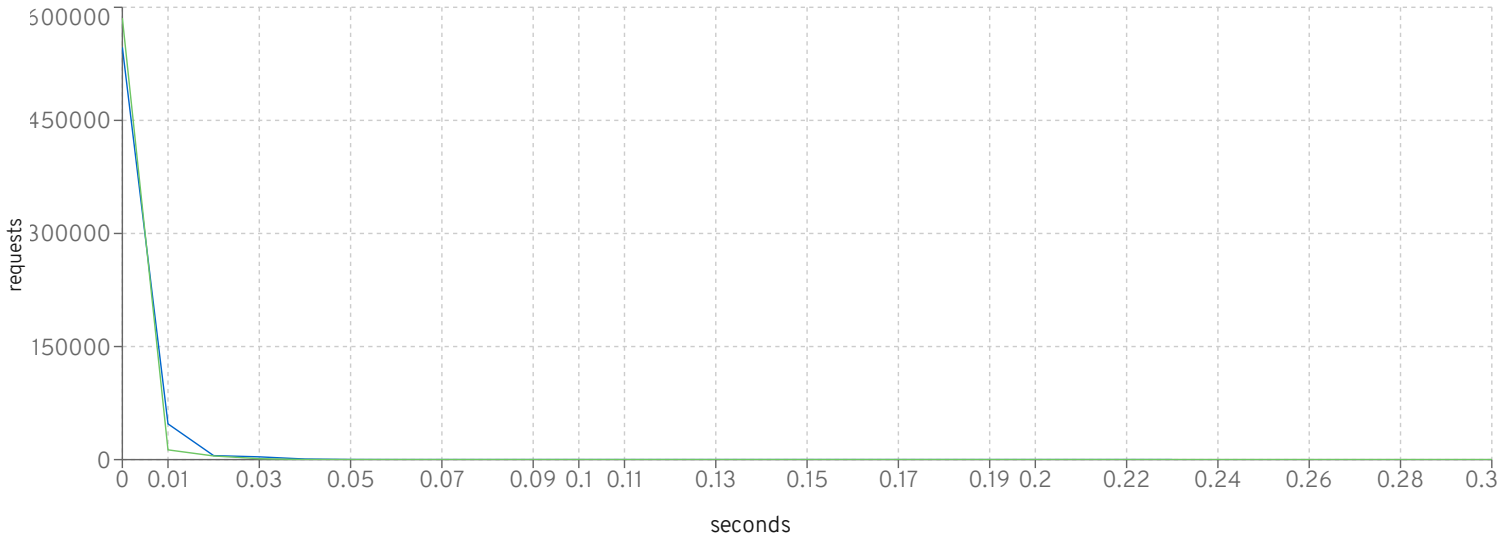
■ jboss-eap-7.4.0.CD21-CR1_2010_494_2000 ■ jboss-eap-7.4.0.GA-CR1_2010_495_2000

Manage



■ jboss-eap-7.4.0.CD21-CR1_2010_494_2000 ■ jboss-eap-7.4.0.GA-CR1_2010_495_2000

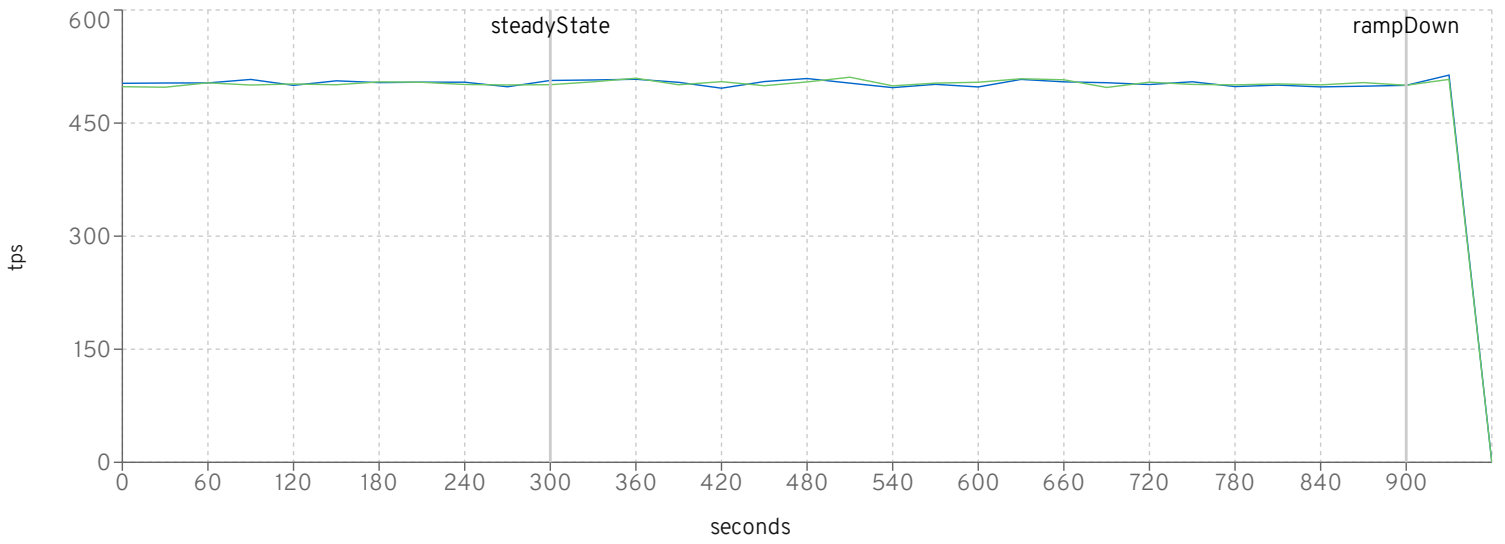
Browse



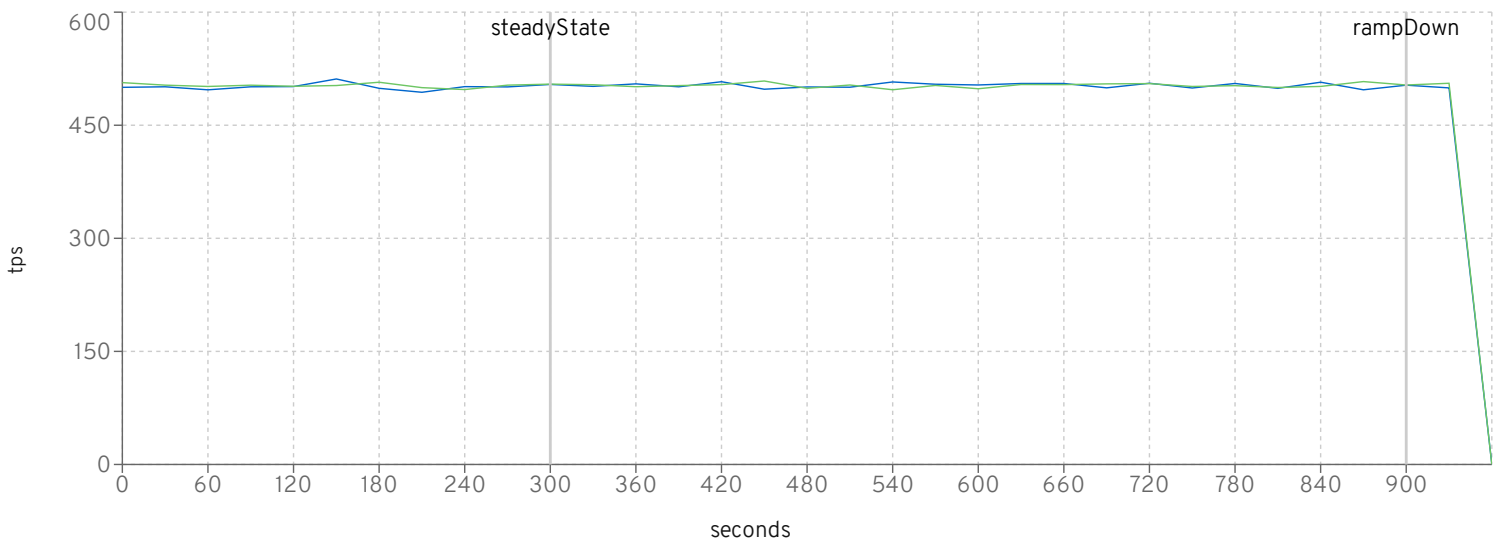
■ jboss-eap-7.4.0.CD21-CR1_2010_494_2000 ■ jboss-eap-7.4.0.GA-CR1_2010_495_2000

DealerDriver Throughput

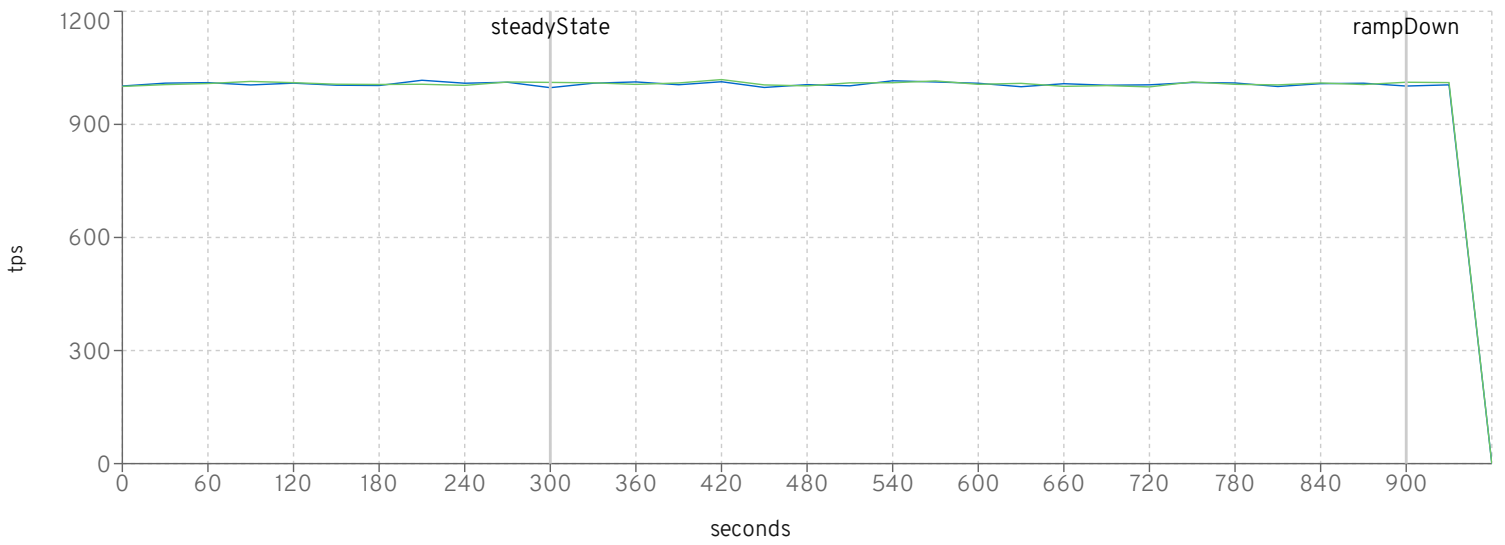
Purchase



Manage



Browse



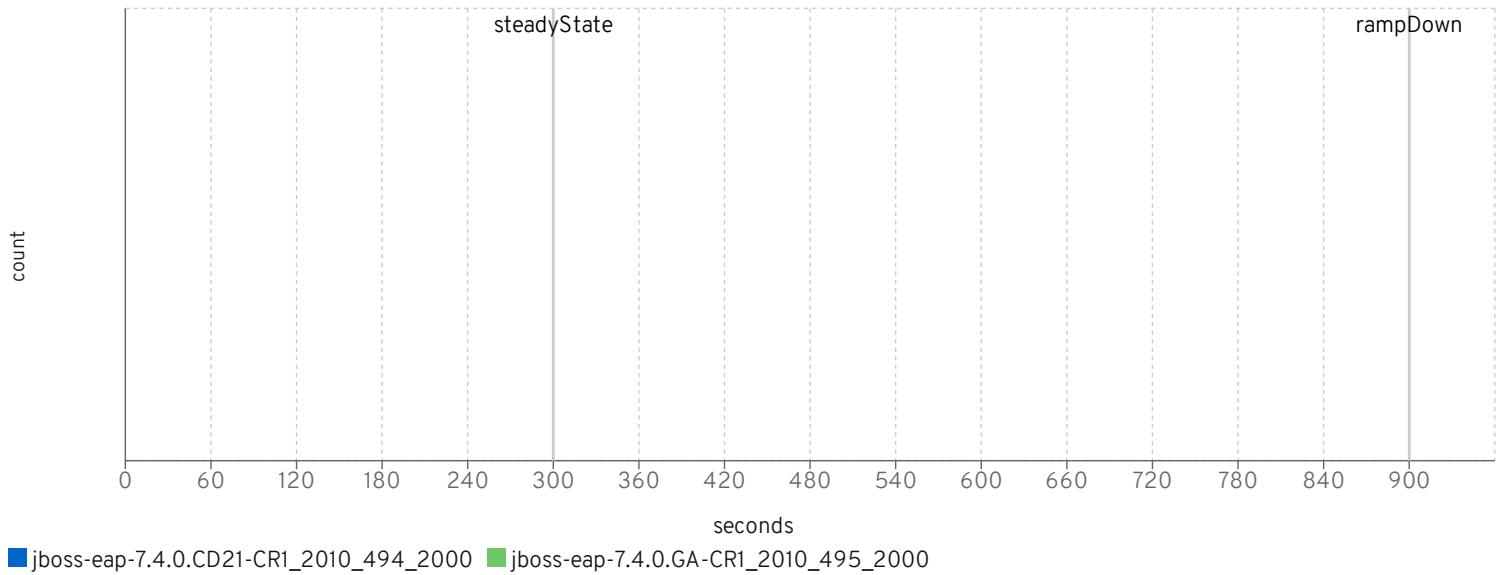
setting	494	495
scale	2000	2000
rampUp	300	300
steadyState	600	600
rampDown	60	60
max heap	12g	12g
large pages	✓	✓
jfr	✗	✗

io workers

default threads



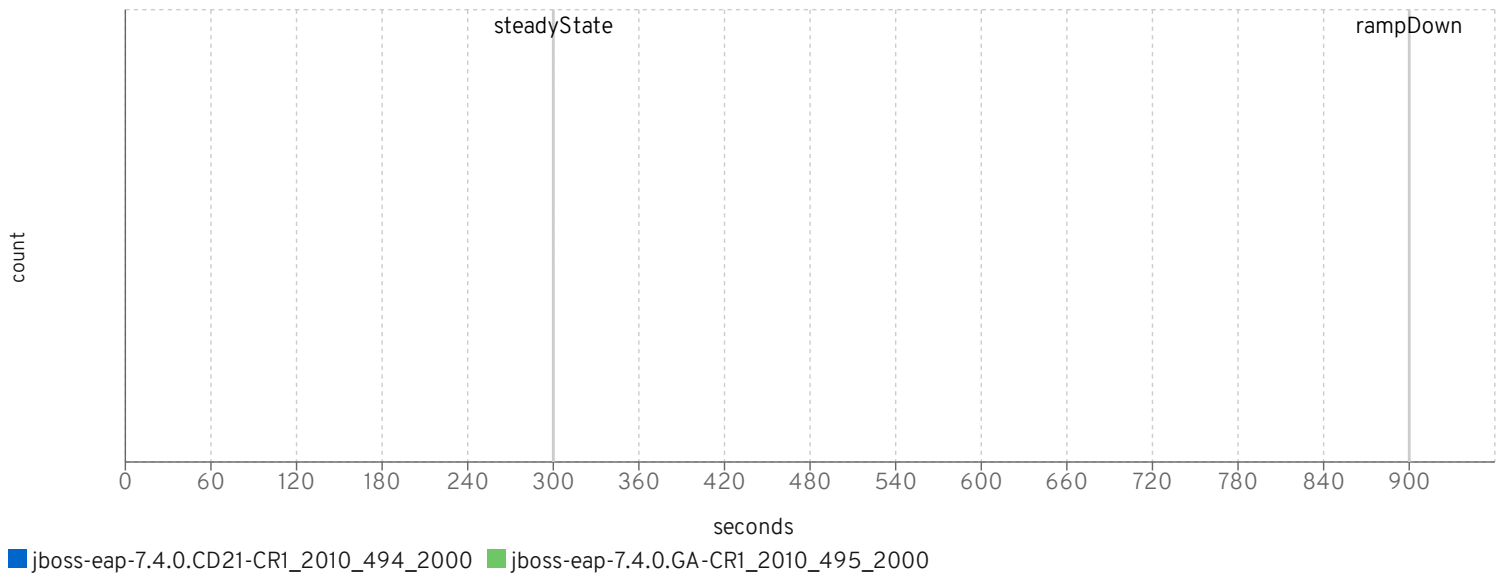
default queue



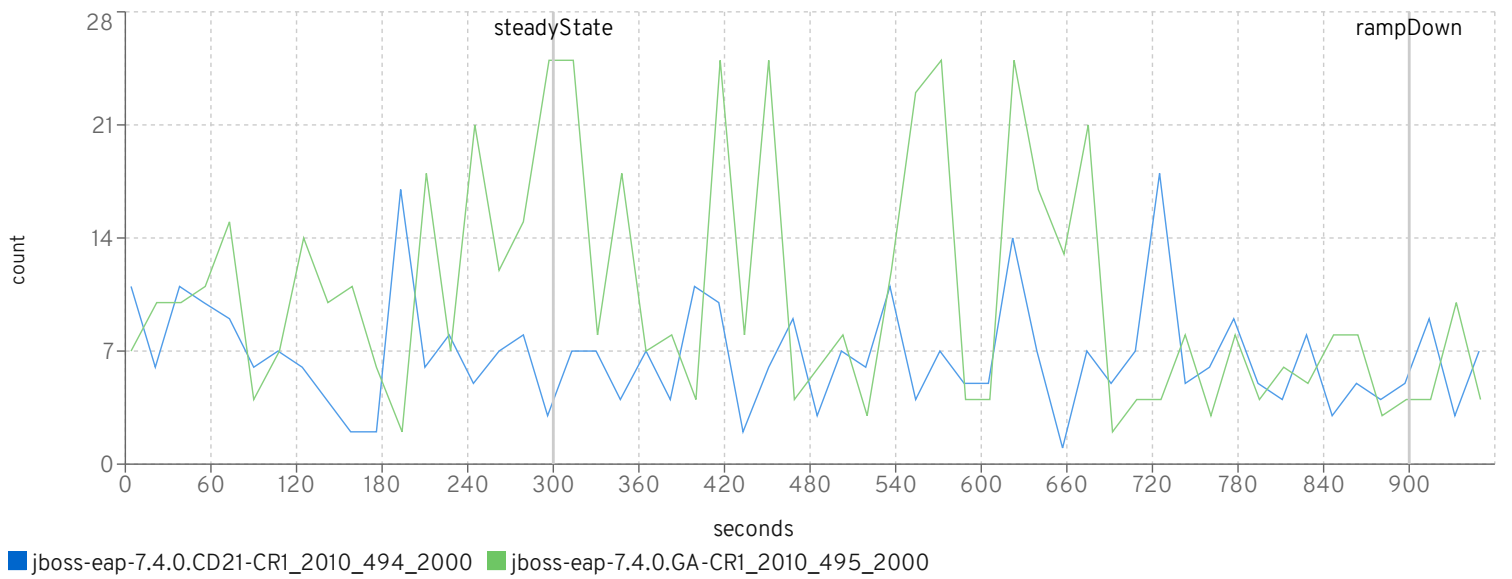
httpWorker threads



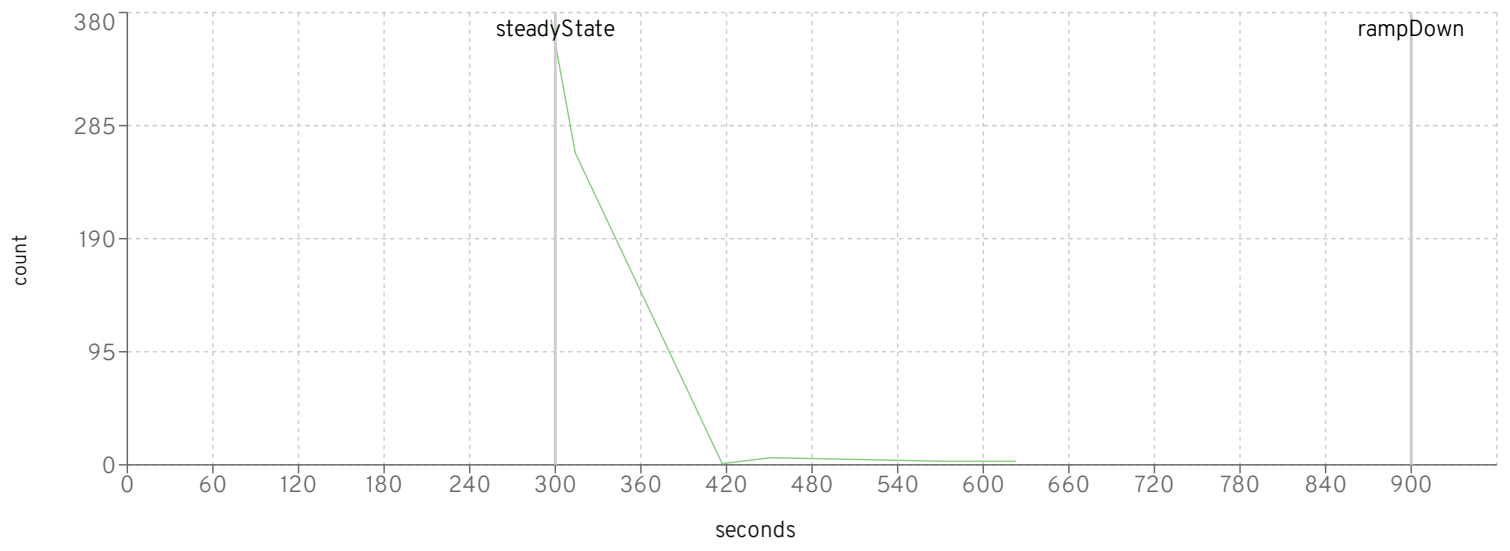
httpWorker queue



wsWorker threads

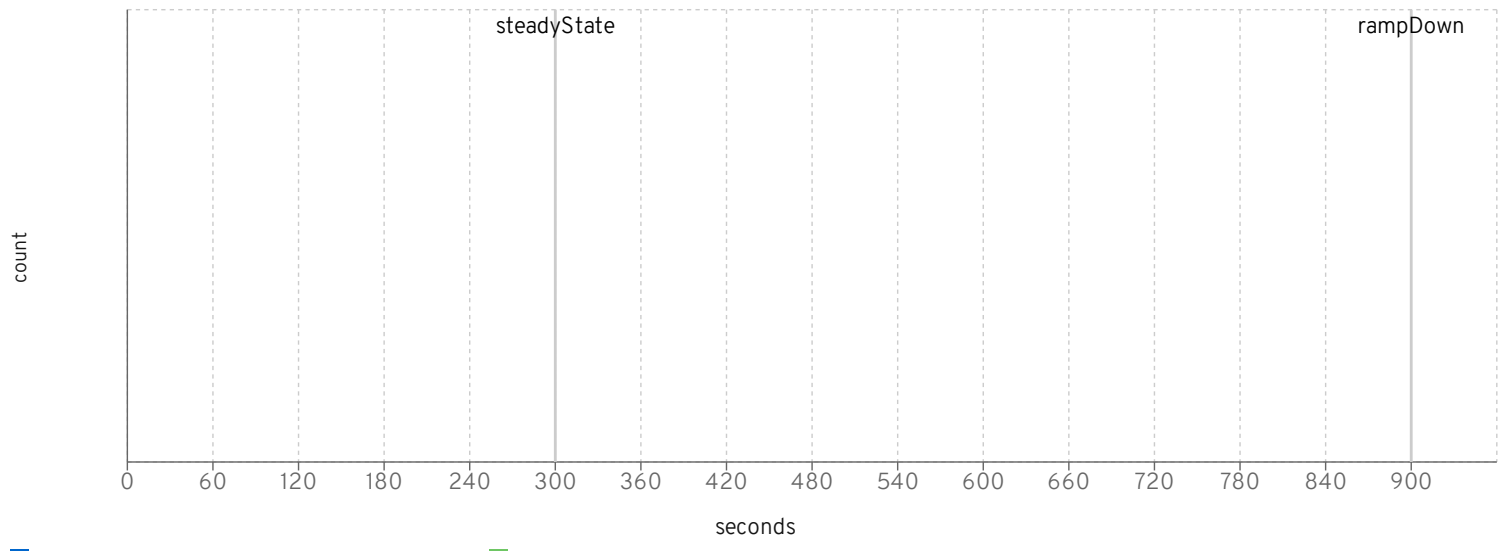


wsWorker queue



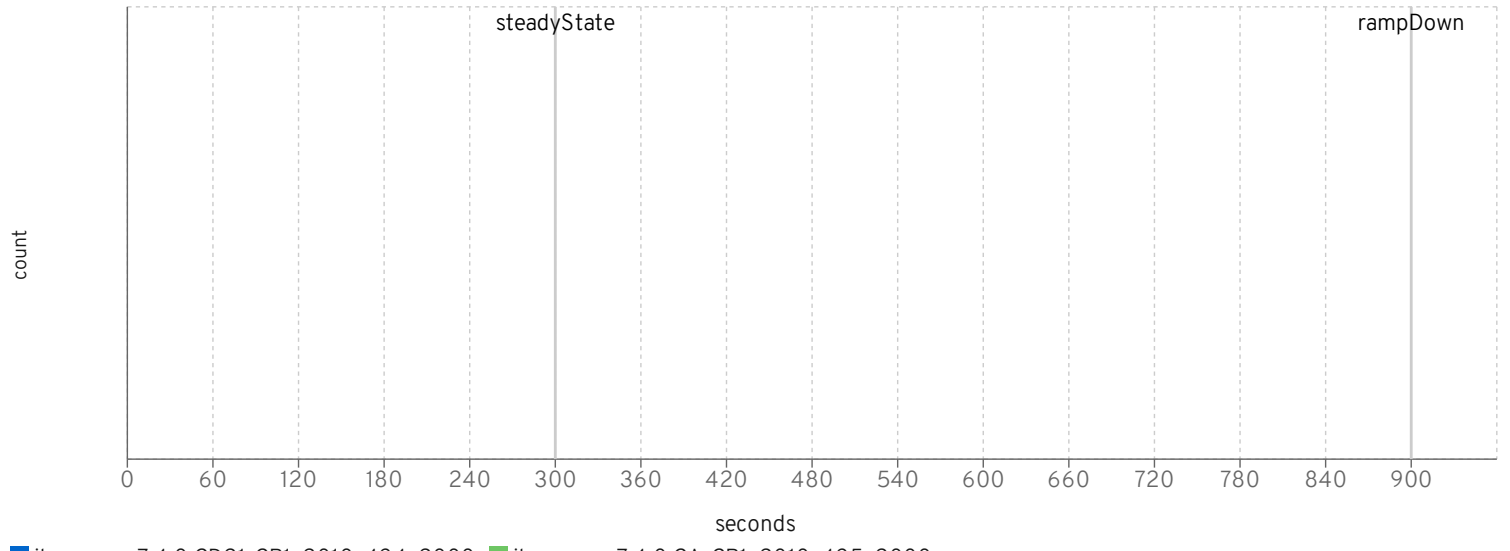
■ jboss-eap-7.4.0.CD21-CR1_2010_494_2000 ■ jboss-eap-7.4.0.GA-CR1_2010_495_2000

ejbWorker threads



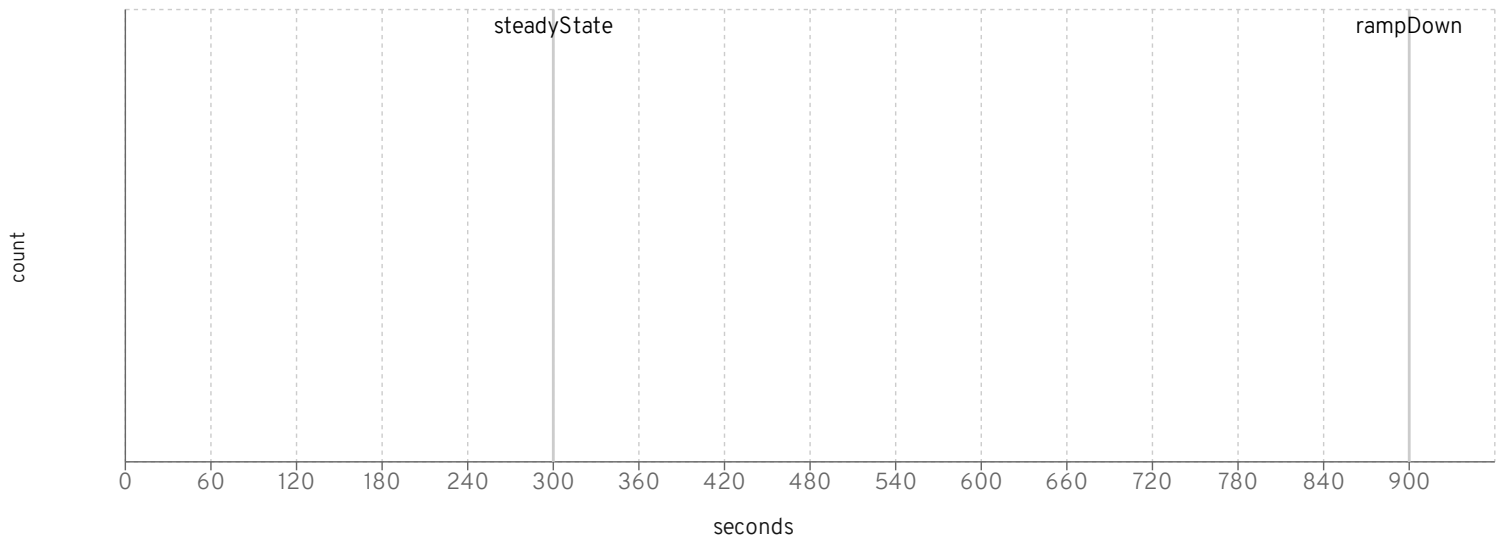
■ jboss-eap-7.4.0.CD21-CR1_2010_494_2000 ■ jboss-eap-7.4.0.GA-CR1_2010_495_2000

ejbWorker queue

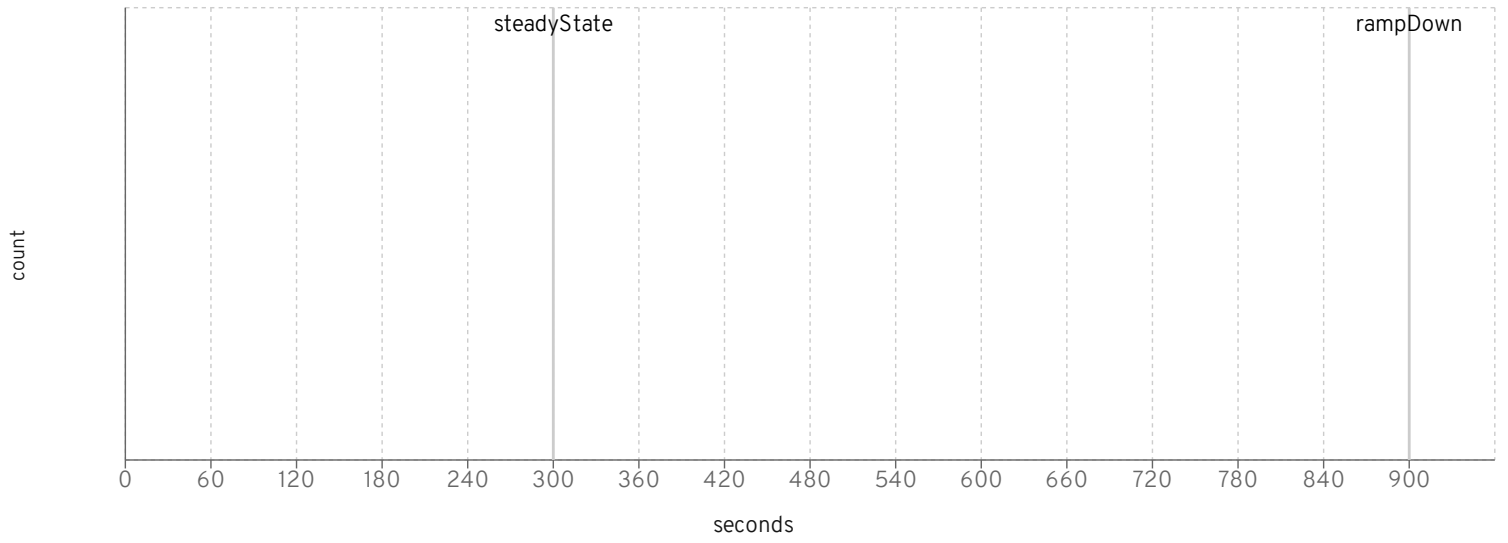


■ jboss-eap-7.4.0.CD21-CR1_2010_494_2000 ■ jboss-eap-7.4.0.GA-CR1_2010_495_2000

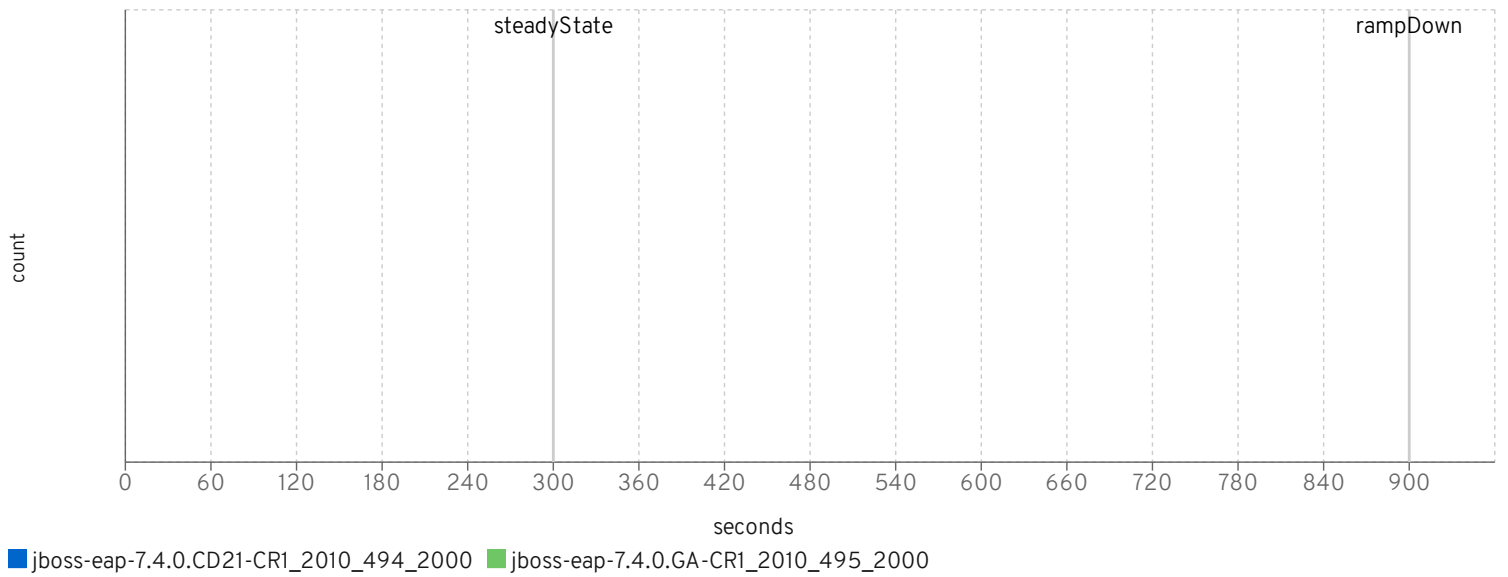
supplierWorker threads



supplierWorker queue



dealerWorker threads



dealerWorker queue

