CHECKOUT压测SOP

总览

阶段	事项	负责人
压测准备	☐ 压测计划制定（目标、时间、值班人员） ☐ 周知依赖服务、3PL ☐ 压测机器数量评估 ☐ 压测分支确认 ☐ 压测开关配置确认 ☐ 压测扩容 ☐ 小流量预压	
压测	☐ 分市场压测 ☐ 记录压测问题	
压测后	☐ 停止压测流量 ☐ 缩容 ☐ 输出压测报告 ☐ 压测问题跟进	

1.压测准备

1.1 周知依赖服务和3PL

依赖方	联系人	
spex		☐ DONE
3PL	TW Local OPS >> sharon.wang@shopee.com TW Local PM >> maggie.c@shopee.com angelica.michelle@shopee.com andy.kusumah@shopee.com syavira.ramadianti@shopee.com rina.nourmasari@shopee.com adeline.jessica@shopee.com yixin.wei@shopee.com yu.chen@shopee.com	☐ DONE

1.2 压测流量和资源预估

https://docs.google.com/spreadsheets/d/1LJ9mRFcr74TgjM8gWC1xPFw2BHbL0uW-4EPNKuuHGxg/edit#gid=797733707

1.3.压测分支

链路	服务名	压测分支	负责人	
checkout	sls-livetestapi-live	temp/livetest-daily-fcst		☐ 发布livetest
	lps-livetestapi-live	temp/livetest-daily-fcst		☐ 发布livetest
	lfs-grpclivetest			☐ 发布livetest
	lls-grpclivetest			☐ 发布livetest
	lcos-grpclivetest			☐ 发布livetest
	sls-rateapilivetest			☐ 发布livetest

1.4.流量配置以及开关配置

服务名	点线流向开关	前置预案开关	负责人

sls-livetestapi-live	☐ 使用live配置 ☐ 使用livetest配置	☐ 缓存刷新开关 ☐ 流量录制开关 ☐ 日志级别开关 ☐ 流量对比开关	
lps		☐ 缓存刷新开关 ☐ 流量录制开关 ☐ 日志级别开关 ☐ 流量对比开关	
lls-grpclivetest		☐ 缓存刷新任务开关 ☐ 日志级别开关 ☐ pprof 开关	
sls-rateapilivetest		☐ 缓存刷新开关 ☐ 流量录制开关 ☐ 日志级别开关 ☐ 流量对比开关	
lcos-grpclivetest		☐ 缓存刷新开关 ☐ 流量录制开关 ☐ 日志级别开关 ☐ 流量对比开关	
lfs-grpclivetest		☐ 缓存刷新开关 ☐ 流量录制开关 ☐ 日志级别开关 ☐ 流量对比开关	

1.5 压测机器扩容

- ☐ DONE

1.6 小流量预压情况

- ☐ DONE

2 压测

2.1 步骤

00:30: ID、VN、TH （GMT 7）

10% -> 50% -> 100%

1:00: TW、PH、MY、SG （GMT 8）

10% -> 50% -> 80% -> 100%

12:00: BR、MX （GMT -3）

10% -> 50% -> 80% -> 100%

2.2 checklist

1、看看链路中各个服务cpu以及响应时长是否有大波动

2、检查codis、db等中间件是否压力过大（ 监控地址 ）

3、检查spex、coreserver响应时长是否增长（ cat ）

2.3 监控地址

https://monitoring.infra.sz.shopee.io/grafana/d/1b4sDtGnk1/sls-stresstest-overview-ya-ce?from=1633708800000&orgId=7&to=1633717456473&var-datasource=k8s-general-ctl-live&var-group=Supply-Chain-Group&var-cid=my&var-Group=Supply%20Chain%20Group&var-Group_id=groups%2F10&var-Project_id=

3 压测后

3.1 停止所有压测流量

- [ ] DONE

3.2 找运维同事缩容

- [ ] DONE

3.3 压测负载

市场	服务名	pod数	最高总qps	单pod最大qps	最大cpu	平均cpu	内存	最大延时	平均延时
th	sls-livetestapi-live-th	65	94078.13	1447.35	530.32%	306.76%	2.13G	23.78ms	17.21ms
th	lps-grpclivetest-live-th	2	4.73	2.53	0.66%	0.34%	0.2G	0.14ms	0.02ms
th	sls-rateapilivetest-live-sg	100	350424.33	3640.13	616.65%	336.67%	7.03G	18.89ms	11.8ms
th	lps-livetestapi-live-th	15	13544.93	902.99	623.74%	353.31%	4.37G	146.69ms	90.77ms
th	lfs-livetestgrpc-live-th	14	6913.8	523.4	170.71%	87.35%	1.47G	6.35ms	1.74ms
th	lfs-livetestapi-live-th	2	0	0	13.66%	1.81%	0.35G	0ms	0ms
th	lls-grpclivetest-live-th	3	6917.6	2385.6	281.4%	180.82%	1.32G	2.57ms	0.28ms
th	lcos-grpclivetest-live-sg	75	251091.46	3456.33	429.83%	220.92%	5.33G	5.15ms	0.31ms
vn	sls-livetestapi-live-vn	90	88449.06	982.76	653.07%	360.2%	2.82G	67.66ms	31.03ms
vn	lps-grpclivetest-live-vn	2	4.6	2.8	1.27%	0.36%	0.24G	0ms	0ms
vn	sls-rateapilivetest-live-sg	100	350424.33	3640.13	616.65%	336.67%	7.03G	18.89ms	11.8ms
vn	lps-livetestapi-live-vn	25	20100.86	804.03	461.43%	256.03%	3.87G	107.14ms	67.3ms
vn	lfs-livetestgrpc-live-vn	20	10299.46	532.2	169.48%	95.23%	1.41G	7.61ms	1.76ms
vn	lfs-livetestapi-live-vn	2	17.79	8.89	13.35%	3.24%	0.36G	20.35ms	0ms
vn	lls-grpclivetest-live-vn	4	10586.6	2691.93	347.64%	224.68%	1.37G	2.76ms	0.32ms

vn	lcos-grpclivetest-live-sg	75	251091.46	3456.33	429.83%	220.92%	5.33G	5.15ms	0.31ms
br	sls-livetestapi-live-br	24	23008.6	958.69	361.4%	201.46%	3.08G	26.18ms	20.33ms
br	lps-grpclivetest-live-br	2	0.46	0.4	0.5%	0.28%	0.18G	0ms	0ms
br	sls-rateapilivetest-live-sg	100	350424.33	3640.13	616.65%	336.67%	7.03G	18.89ms	11.8ms
br	lps-livetestapi-live-br	6	3516.53	586.08	83.08%	51.7%	1.57G	38.28ms	20.48ms
br	lfs-livetestgrpc-live-br	8	410.06	51.4	28.25%	12.99%	0.5G	23.39ms	1.78ms
br	lfs-livetestapi-live-br	2	93.6	46.79	18.02%	6.36%	0.36G	7.33ms	0ms
br	lls-grpclivetest-live-br	2	2943.33	1475.4	194.46%	136.25%	1.24G	0.01ms	0ms
br	lcos-grpclivetest-live-sg	75	251091.46	3456.33	429.83%	220.92%	5.33G	5.15ms	0.31ms
sg	sls-livetestapi-live-sg	5	6960.46	1392.09	497.36%	318.56%	3.31G	25.96ms	19.33ms
sg	lps-grpclivetest-live-sg	2	2.86	1.73	0.51%	0.25%	0.19G	0.2ms	0ms
sg	sls-rateapilivetest-live-sg	100	350424.33	3640.13	616.65%	336.67%	7.03G	18.89ms	11.8ms
sg	lps-livetestapi-live-sg	2	937.66	468.83	86.23%	55.83%	1.51G	41.58ms	33.86ms
sg	lfs-livetestgrpc-live-sg	2	79.59	41.8	22.68%	9.69%	0.41G	16.76ms	2.46ms
sg	lfs-livetestapi-live-sg	2	2.4	1.2	12.74%	2.11%	0.29G	4.89ms	0ms
sg	lls-grpclivetest-live-sg	2	160.93	82.06	13.9%	7.86%	0.79G	0.64ms	0.01ms
sg	lcos-grpclivetest-live-sg	75	251091.46	3456.33	429.83%	220.92%	5.33G	5.15ms	0.31ms
my	sls-livetestapi-live-my	90	110081.8	1223.13	608.66%	339.09%	3.61G	40.42ms	27.25ms
my	lps-grpclivetest-live-my	2	7.19	3.6	1.14%	0.47%	0.26G	0ms	0ms
my	sls-rateapilivetest-live-sg	100	350424.33	3640.13	616.65%	336.67%	7.03G	18.89ms	11.8ms
my	lps-livetestapi-live-my	30	39132.66	1304.42	614.84%	356.03%	6.53G	81.07ms	48.51ms
my	lfs-livetestgrpc-live-my	40	12135.33	312.2	210.52%	123.64%	1.46G	33.71ms	4.67ms
my	lfs-livetestapi-live-my	2	0	0	11.8%	1.66%	0.52G	0ms	0ms
my	lls-grpclivetest-live-my	8	12049.6	1551.4	366.47%	224.93%	1.34G	3.51ms	0.41ms
my	lcos-grpclivetest-live-sg	75	251091.46	3456.33	429.83%	220.92%	5.33G	5.15ms	0.31ms
tw	sls-livetestapi-live-tw	90	95078.79	1056.43	597.44%	328.29%	3.34G	18.37ms	14.01ms
tw	lps-grpclivetest-live-tw	2	3.86	2.13	0.73%	0.36%	0.2G	0.05ms	0ms
tw	sls-rateapilivetest-live-sg	100	350424.33	3640.13	616.65%	336.67%	7.03G	18.89ms	11.8ms
tw	lps-livetestapi-live-tw	10	0	0	12.46%	2.48%	1.86G	0ms	0ms
tw	lfs-livetestgrpc-live-tw	14	0	0	18.01%	5.38%	0.32G	0ms	0ms
tw	lfs-livetestapi-live-tw	2	0	0	12.28%	1.7%	0.27G	0ms	0ms
tw	lls-grpclivetest-live-tw	3	0	0	2.28%	0.91%	0.75G	0ms	0ms
tw	lcos-grpclivetest-live-sg	75	251091.46	3456.33	429.83%	220.92%	5.33G	5.15ms	0.31ms
ph	sls-livetestapi-live-ph	65	80105.2	1232.38	576.4%	318.85%	4.54G	30.37ms	22.5ms
ph	lps-grpclivetest-live-ph	2	0	0	0.57%	0.28%	0.12G	0ms	0ms
ph	sls-rateapilivetest-live-sg	100	350424.33	3640.13	616.65%	336.67%	7.03G	18.89ms	11.8ms
ph	lps-livetestapi-live-ph	7	11882.79	1697.54	656.58%	407.48%	2.39G	113.5ms	77.45ms
ph	lfs-livetestgrpc-live-ph	8	2597.06	339	77.26%	43.97%	1.32G	6.53ms	0.64ms
ph	lfs-livetestapi-live-ph	2	0	0	12.52%	1.94%	0.28G	0ms	0ms
ph	lls-grpclivetest-live-ph	2	2626.93	1330.4	104.89%	75.44%	1.26G	0.01ms	0ms
ph	lcos-grpclivetest-live-sg	75	251091.46	3456.33	429.83%	220.92%	5.33G	5.15ms	0.31ms
id	sls-livetestapi-live-id	165	151129.06	915.93	607.35%	343.47%	5.73G	30.07ms	22.87ms
id	lps-grpclivetest-live-id	2	0	0	0.7%	0.32%	0.14G	0ms	0ms
id	sls-rateapilivetest-live-sg	100	350424.33	3640.13	616.65%	336.67%	7.03G	18.89ms	11.8ms
id	lps-livetestapi-live-id	5	5	1	2.35%	0.71%	0.87G	11.98ms	0.85ms
id	lfs-livetestgrpc-live-id	2	0	0	13.58%	5.5%	0.33G	0ms	0ms
id	lfs-livetestapi-live-id	2	0	0	11.07%	2.09%	0.38G	0ms	0ms
id	lls-grpclivetest-live-id	2	0.13	0.13	2.19%	0.88%	0.76G	67ms	4.18ms
id	lcos-grpclivetest-live-sg	75	251091.46	3456.33	429.83%	220.92%	5.33G	5.15ms	0.31ms

集群名字	proxy最大qps	最大cpu使用率	最大内存使用率
codis_ssc_sls_api_live_my			
codis_ssc_sls_api_live_sg			
codis_ssc_sls_api_live_th			
codis_ssc_sls_api_live_ph			
codis_ssc_sls_api_live_tw			
codis_ssc_sls_api_live_vn			
codis_ssc_sls_api_live_id			
codis_ssc_lps_live			
codis_ssc_lfs_live			
codis_ssc_lls_my_live			

集群名字	QPS	CONN
db-backendslave-ssc-lps-th-sg1-live.shopeemobile.com		
db-backendslave-ssc-lps-vn-sg1-live.shopeemobile.com		
db-backendslave-ssc-lps-ph-sg1-live.shopeemobile.com		
db-backendslave-ssc-lps-my-sg1-live.shopeemobile.com		
db-backendslave-ssc-lps-id-sg1-live.shopeemobile.com		
db-backendslave-ssc-lps-tw-sg1-live.shopeemobile.com		
db-backendslave-ssc-lps-sg-sg1-live.shopeemobile.com		
db-backendslave-ssc-lps-br-sg1-live.shopeemobile.com		

3.5 压测问题

3.6 压测总结

3.7 性能分析

3.8 优化任务跟进

4 压测jira任务情况

阶段	jira任务	负责人	备注
上次压测问题跟进			
压测准备			
压测			
压测后			
压测问题跟进			