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Sheet1

Test Settings	Cost (Number of containers)		Resource Utilisation						Overhead							
	Avg Scale	Max Scale	CPU (Average Percentage)	Memory (A	Average Bytes)	Network IN (A	Average Rate, Bytes/sec	Network OU	T (Average Rate, B	Bytes/sec)	CPU	Memory	Network In	Network Out	N	Network Total
Evaluation Users Reque	sts Business/Monolith IO CPU Memory Total	Business/Monolith IO CPU Memor	y usiness/Monoli IO CPU M	emory siness/Mond IO	CPU Memo	ory siness/Mond I	O CPU Mem	ory siness/Mond	IO CPU	Memory	Workload Controller halised Worhalised Cont	Overhead Workload Controller	Overhead Workload Controller (Overhead Workload Controller Overhead	l Workload	Controller
1 10 3	1 N/A N/A N/A 1	1 N/A N/A N/A	28.638560053 N/A N/A N/A	128312742 N/A	N/A N/A	10311.707 N/A	N/A N/A	6053.8808 N/A	N/A	N/A	57.27712 118.52759	67.42% 128312742 641605154	83.33% 8619027.6 77055321	89.94% 5008763.6 73154634 93.59	6	
1 25	750 1.5835351089588 N/A N/A N/A 1.5835351089588	2 N/A N/A N/A	27.313276856 N/A N/A N/A	176098318 N/A	N/A N/A	5924.3319 N/A	N/A N/A	5172.5065 N/A	N/A	N/A	165.59643 113.53836	40.68% 479283572 625497119	56.62% 13137997 123302684	90.37% 11598092 109513472 90.42	6 2.47E+07	2.33E+08
1 50 1	000 1.8091397849462 N/A N/A N/A 1.8091397849462	2 N/A N/A N/A	50.59993173 N/A N/A N/A	237062363 N/A	N/A N/A	12137.915 N/A	N/A N/A	6699.2921 N/A	N/A	N/A	293.8404 112.05477	27.61% 685675855 632341308	47.98% 29134337 117342722	80.11% 15888379 105373742 86.90	4.50E+07	2.23E+08
1 75 22	250 1.968085106383 N/A N/A N/A 1.968085106383	3 N/A N/A N/A	49.578506447 N/A N/A N/A	178666805 N/A	N/A N/A	12908.453 N/A	N/A N/A	6672.247 N/A	N/A	N/A	309.92917 125.83134	28.88% 688520476 694904364	50.23% 46120518 184926682	80.04% 23868885 175110184 88.00	% 7.00E+07	3.60E+08
1 100 30	000 1.8482932996207 N/A N/A N/A 1.8482932996207	2 N/A N/A N/A	46.354974452 N/A N/A N/A	165541330 N/A	N/A N/A	11499.098 N/A	N/A N/A	7073.4578 N/A	N/A	N/A	270.80047 93.331731	25.63% 513390786 379094615	42.48% 54902089 10411878	15.94% 33967415 217410015 86.49	% 8.89E+07	2.28E+08
1 125 3	750 1.8742616033755 N/A N/A N/A 1.8742616033755	2 N/A N/A N/A	41.944408135 N/A N/A N/A	259674992 N/A	N/A N/A	9732.0487 N/A	N/A N/A	6352.2009 N/A	N/A	N/A	254.50667 133.24565	34.36% 732547558 782141263	51.64% 66081211 389461993	85.49% 43486732 367846295 89.43	% 1.10E+08	7.57E+08
1 150 49	500 1.9333333333333 N/A N/A N/A 1.93333333333333	2 N/A N/A N/A	52.601301681 N/A N/A N/A	213868869 N/A	N/A N/A	13705.836 N/A	N/A N/A	7174.4472 N/A	N/A	N/A	282.06022 132.34289	31.94% 644169205 759153717	54.10% 90193121 352856593	79.64% 47412939 333135180 87.54	% 1.38E+08	6.86E+08
1 175 52	250 1.8603223330775 N/A N/A N/A 1.8603223330775	2 N/A N/A N/A	50.597440197 N/A N/A N/A	184866622 N/A	N/A N/A	13041.032 N/A	N/A N/A	7751.147 N/A	N/A	N/A	292.79523 134.38909	31.46% 549321543 831291702	60.21% 98698115 438575313	81.63% 59082662 410407857 87.42	% 1.58E+08	8.49E+08
	000 1.9465206185567 N/A N/A N/A 1.9465206185567	3 N/A N/A N/A	48.422093755 N/A N/A N/A	241028484 N/A	N/A N/A	12676.816 N/A	N/A N/A	7053.0931 N/A	N/A	N/A	344.22509 133.80433	27.99% 881280076 843930281	48.92% 117714691 512499098	81.32% 65401403 481081297 88.03	% 1.83E+08	9.94E+08
	750 2.5989304812834 N/A N/A N/A 2.5989304812834	3 N/A N/A N/A	45.857106512 N/A N/A N/A	253186069 N/A	N/A N/A	11276.982 N/A	N/A N/A	6572.0616 N/A	N/A	N/A	360.46165 133.18426	26.98% 991951335 826328201	45.45% 129123566 495233411	79.32% 75469514 460228464 85.91	% 2.05E+08	9.55E+08
1 250 7	000 1.9482093663912 N/A N/A N/A 1.9482093663912	2 N/A N/A N/A	53.061259637 N/A N/A N/A	220547795 N/A	N/A N/A	13919.934 N/A	N/A N/A	7258.8595 N/A	N/A	N/A	284.14252 133.07748	31.90% 628794162 863338846	57.86% 153428861 608770010	79.87% 80292023 571711829 87.69	% 2.34E+08	1.18E+09
2 10 3	300 1 3.24 1.69 1.68715 7.6149286157666	1 5 2	2 1.8848956773 0.432 0.3830448 0.	897062 197751424 1648724	99 34706671 108029	956 833228.51 2507	7.7937 36.932143 6416	1073 25459.628 13	6636.26 81.89916	35 1804.352	2 14.642729 133.11193	0.00% 1.508E+09 2.182E+09	59.13% 14302219 60599215	80.91% 318360276 57074806 15.20	% 3.33E+08	1.18E+08
2 25	250 0.9977426636569 2.49 1.92 2.1535 7.5598194130926	1 5 2	<u>4</u> 1.7011927391 0.286 0.1489381 0.5	413009 190054922 18070310	08 40158411 136177	350 657025.47 1878	3.9313 26.980632 2939	3429 18822.637 12	0079.86 69.09563	33 1339.492	2 12.775244 145.77249	0.00% 1.819E+09 2.022E+09		88.86% 653668748 156049654 19.27	6.74E+08	3.18E+08
2 50 1	0.9977324263039 2.49 1.92 2.1542 7.5646258503401	1 5 2	4 2.7689339233 0.527 0.1952226 0.	797838 194857590 2053523	31 46979252 132043	359 1248912.1 362	27.594 50.783247 338	0.233 34537.449 20	9000.76 133.7415	2332.878	8 20.618291 145.85524	0.00% 1.957E+09 2.28E+09	53.81% 34563318 168765436	83.00% 1.237E+09 160266920 11.47	% 1.27E+09	3.29E+08
2 75 22	250 0.9957537154989 2.61 1.87 2.53291 8.0148619957537	1 5 2	T 0.000 T 100000 T 10000 T 10000 T 10000 T 100000 T 10000	194235 201883315 1921501	00 02001000 100002	.501 1502020.0 1050	5.2728 77.837339 3701	3430 02040.104 00	1000.10 204.0400	0000.700	3 24.695086 145.46221	0.00% 1.941E+09 2.346E+09	54.72% 48176986 164088722	77.30% 1.844E+09 155294597 7.77	% 1.89E+09	3.19E+08
2 100 30	000 1 2.51 1.91 2.14384 7.5662100456621	1 5 2	4 3.6436832117 0.614 0.2138069 1.2									0.00% 1.856E+09 739265920		76.89% 1.727E+09 131911659 7.10	% 1.77E+09	2.78E+08
2 125 3	250 2.4833333333333 2.55 1.91 4.20714 11.142857142857	3 5 2	7 4.1073830132	179074 185176809 19956760	09 65260089 148852	417 1967583.1 2366	69.898 196.30343 7450	9571 54435.421 12	22273.2 513.3403	34 6194.198	8 38.984212 151.44082	0.00% 2.38E+09 2.017E+09		61.69% 3.974E+09 158129352 3.83	6 4.08E+09	3.35E+08
2 150 4	1 2.63 1.9 2.40173 7.9277456647399	1 5 2	4 12.780235863 2.467 0.4322874 2.9									0.00% 1.905E+09 2.073E+09		52.74% 4.993E+09 129441574 2.53		2.69E+08
	250 2.7976190476191 2.85 1.87 3.32143 10.837301587302	5 5 2	8 6.6499909297 3.426 0.6692982 3.2									0.00% 2.578E+09 2.251E+09		46.35% 5.51E+09 112903760 2.01	6 5.66E+09	2.41E+08
2 200 60	000 2.5910290237467 2.58 1.91 4.27177 11.345646437995	3 5 2	6 4.6535988282 2.417 0.4559517 2.									0.00% 2.286E+09 863972126		52.30% 5.258E+09 130038997 2.41		2.82E+08
2 225 6	750 2.0397022332506 2.66 1.87 3.72525 10.298448517308	3 5 2		464491 190782301 2045546		0-0 -00-11000 -100				00-0.00		0.00% 2.394E+09 2.267E+09		58.80% 4.624E+09 154187427 3.23	6 4.74E+09	3.25E+08
	3.2166666666667 3.05 1.86 3.81111 11.939168218498	5 5 2	8 4.9275623461 3.836 0.7711702 2									0.00% 2.596E+09 2.211E+09		40.89% 4.666E+09 76111272 1.60		1.64E+08
2 1000 300	000 6.0628415300547 2.32 1.94 17.0723 27.399812880669	11 5 2 2	28 5.5506083657 8.329 1.1314246 2.9	605059 193734466 19179039	99 90947719 171536							0.00% 5.728E+09 2.397E+09		39.45% 3.015E+10 435088647 1.42		9.70E+08
3 10 3	3.3 1.78 1.78286 7.8628571428571	1 5 2	2 1.7646142402	089909 197793486 1785983	50 36407893 98260	606 763566.13 2019	0.1339 33.003312 5822	5888 23489.845 11	6410.94 74.39184	1482.624	4 15.086112 141.21784	90.35% 1.617E+09 2.293E+09		81.58% 325294885 59703747 15.51	% 3.40E+08	1.23E+08
3 25	0.9977426636569 2.48 1.91 1.92325 7.3182844243793	1 5 2	2 1.4454496201 0.258 0.1664535 0.5	130262 201462766 18718508	82 42570999 133262	358 602940.05 1622	2.4425 25.003315 2448	9479 18644.618 97	115.136 63.92140	04 1311.1	1 11.056925 148.15302 1 1	93.06% 1.648E+09 2.267E+09	007	90.25% 579083004 150036445 20.58	6 5.96E+08	3.08E+08
	0.9977324263039 2.5 1.92 2.15193 7.5668934240363	1 5 2	4 2.9427164429 0.465 0.196516 0.8	553461 192421204 20335538	80 52197738 144091	.166 1306185.1 4279	0.3601 54.913882 3165	8352 37925.943 22	4941.34 137.0365	2435.82	2 19.364835 150.3904 1.7513761 1.0151018	88.59% 1.734E+09 2.328E+09	0.13279 0.33332 23332 12	82.24% 1.23E+09 150734389 10.92	6 1.26E+09	3.10E+08
	250 0.9844789356984 2.55 1.9 2.08407 7.5176647764064										3 25.948465 154.4088 2.3468066 1.0422252		54.94% 42961126 161584007	79.00% 1.601E+09 153165975 8.73	% 1.64E+09	3.15E+08
	000 0.9976359338061 2.51 1.92 4.37972 9.8078081091931										3 30.335731 156.69135 2.7435955 1.0576319			71.19% 2.343E+09 158472186 6.34	6 2.41E+09	3.27E+08
	250 0.9973404255319 2.59 1.9 2.54255 8.0345744680851	1 5 2									6 42.703689 154.54838 3.8621667 1.0431673			62.60% 3.028E+09 133682885 4.23		2.78E+08
	500 3.1907407407407 2.37 1.95 3.77963 11.287037037037	5 5 2									3 37.179739 165.20148 3.3625749 1.1150734			71.85% 3.245E+09 207440705 6.01		4.39E+08
	250 3.7918660287081 2.5 1.92 6.33971 14.552631578947										8 45.448072 171.29593 4.1103716 1.1562095	79.03% 2.868E+09 2.219E+09		62.55% 4.957E+09 177480306 3.46		3.82E+08
	000 3.0580270793037 2.53 1.91 5.53385 13.030947775629										5 44.578685 174.51265 4.0317433 1.1779217			57.02% 6.295E+09 208624469 3.21		4.42E+08
	750 1.7918215613383 2.42 1.93 6.41373 12.555124111152										8 54.32314 167.31819 4.9130421 1.1293607	75.49% 3.014E+09 2.307E+09		56.72% 6.959E+09 221007481 3.08		4.64E+08
	2.3686274509804 2.42 1.93 7.36986 14.092697901078										1 54.292856 169.92656 4.9103033 1.1469666	75.79% 2.977E+09 2.474E+09		55.44% 7.389E+09 212598488 2.80		4.51E+08
3 1000 300	000 5.3705953827461 2.27 1.95 14.5541 24.153098420413	9 5 2	26 7.6865679758 8.868 1.084463 3.3	156998 213282109 1849560	63 103249487 168554	796 3393842.9 1096	890.23082 1026 1026	5.846 88833.369 63	83133.2 2428.172	21 9650.663	3 144.01204 204.19922 13.024601 1.3782994	58.64% 4.938E+09 2.294E+09	31.72% 888989166 565364751	38.87% 3.463E+10 470027080 1.34	% 3.55E+10	1.04E+09

	SLA							
Overhead	Requests #	Violations #	%					
Overnead	309	0	0.00%					
90.40%	750	0	0.00%					
83.18%	1510	13	0.86%					
83.72%	2277	482	21.179					
71.94%	3036	1176	38.749					
87.36%	3838	2450	63.849					
83.29%	4567	2299	50.349					
84.33%	5358	3329	62.139					
84.44%	6067	3885	64.039					
82.36%	6864	3554	51.789					
83.47%	7673	5059	65.939					
26.13%	309	0	0.009					
32.06%	633	1	0.169					
20.55%	1255	4	0.329					
14.44%	1847	2	0.119					
13.57%	1813	11	0.619					
7.58%	4025	99	2.469					
4.99%	4884	461	9.449					
4.09%	5641	242	4.299					
4.96%	5298	110	2.089					
6.41%	4638	133	2.879					
3.31%	4853	148	3.059					
3.04%	39460	3009	7.639					
26.57%	309	0	0.009					
34.05%	571	1	0.189					
19.68%	1214	3	0.259					
16.07%	1616	3	0.199					
11.94%	2342	12	0.519					
8.18%	3047	95	3.129					
11.62%	3123	363	11.629					
6.99%	5019	210	4.189					
6.40%	6328	375	5.939					
6.10%	7254	139	1.929					
5.61%	7681	177	2.30%					
2.83%	39166	4161	10.62%					

heet1