eplication 1	Start Time:	0,00 Stop Time:	200,00 Tir	ne Units: Seconds
Entity				
Time				
VA Time	Average	Half Width	Minimum	Maximur
Entity 1	1.0905	0,054615276	0.04532622	6.138
NVA Time	Average	Half Width	Minimum	Maximui
Entity 1	0	0,00000000	0	(
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	1.2709	(Correlated)	0	8.576
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	(
Other Time	Average	Half Width	Minimum	Maximur
Entity 1	0	0,000000000	0	(
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	2.3614	(Correlated)	0.1527	13.136
Other				
Number In	Value			
Entity 1	955			
Number Out	Value			
Entity 1	942			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	11.2181	2,14092	0	32.000
Queue				

Replications: 10

Unnamed Project

Replication 1 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.1829	(Correlated)	0	1.7079
App 1 Disk.Queue	0.1675	(Insufficient)	0	2.3447
App 2 Disk.Queue	0.5634	(Insufficient)	0	4.4287
App 2 CPU.Queue	0.1755	0,065988520	0	1.5668
App 3 Disk.Queue	0.2402	(Insufficient)	0	2.0354
App 3 GPU.Queue	0.2566	(Correlated)	0	2.4442
DB Server Cache.Queue	0.1529	(Insufficient)	0	2.0644
DB Server CPU.Queue	0.2132	0,089866143	0	1.7067
DB Server Disk.Queue	0.1935	0,054254063	0	1.6195
Load Balancer.Queue	0.1304	0,039138830	0	1.0125
Web Service CPU.Queue	0.1685	0,090601803	0	2.2629

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.3136	0,177027235	0	8.0000
App 1 Disk.Queue	0.08460008	(Insufficient)	0	2.0000
App 2 Disk.Queue	0.3465	(Insufficient)	0	4.0000
App 2 CPU.Queue	0.3177	(Insufficient)	0	6.0000
App 3 Disk.Queue	0.2219	(Insufficient)	0	4.0000
App 3 GPU.Queue	0.8402	(Correlated)	0	10.0000
DB Server Cache.Queue	0.1422	(Insufficient)	0	4.0000
DB Server CPU.Queue	1.7326	0,766399670	0	18.0000
DB Server Disk.Queue	0.6173	0,204613030	0	10.0000
Load Balancer.Queue	0.6225	0,240716496	0	10.0000
Web Service CPU.Queue	0.7964	0,484888805	0	15.0000

Resource

2

Replication 1 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.4777	0,060981081	0	1.0000
Resource App 1 Disk	0.2405	(Insufficient)	0	1.0000
Resource App 2 CPU	0.4124	0,075569937	0	1.0000
Resource App 2 Disk	0.5282	(Insufficient)	0	1.0000
Resource App 3 GPU	0.5491	(Correlated)	0	1.0000
Resource App 3 Disk	0.3851	(Insufficient)	0	1.0000
Resource DB Server Cache	0.3459	(Insufficient)	0	1.0000
Resource DB Server CPU	0.6866	0,060429937	0	1.0000
Resource DB Server Disk	0.5507	0,059372155	0	1.0000
Resource Load Balancer	0.4816	0,049955371	0	1.0000
Resource Web Service CPU	0.5248	0,058415499	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.4777	Half Width 0,060981081	Minimum 0	Maximum 1.0000
	-			
Resource App 1 CPU	0.4777	0,060981081	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.4777 0.2405	0,060981081 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.4777 0.2405 0.4124	0,060981081 (Insufficient) 0,075569937	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.4777 0.2405 0.4124 0.5282	0,060981081 (Insufficient) 0,075569937 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.4777 0.2405 0.4124 0.5282 0.5491	0,060981081 (Insufficient) 0,075569937 (Insufficient) (Correlated)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource App 3 Disk Resource DB Server	0.4777 0.2405 0.4124 0.5282 0.5491 0.3851	0,060981081 (Insufficient) 0,075569937 (Insufficient) (Correlated) (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.4777 0.2405 0.4124 0.5282 0.5491 0.3851 0.3459	0,060981081 (Insufficient) 0,075569937 (Insufficient) (Correlated) (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.4777 0.2405 0.4124 0.5282 0.5491 0.3851 0.3459	0,060981081 (Insufficient) 0,075569937 (Insufficient) (Correlated) (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

Replication 1	Start Time:	0.00	Stop Time:	200.00	Time Units: Seconds
, to p	Otali illio.	0,00	Otop Timo.	_00,00	Time Critical Coccinac

Resource

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.4777			
Resource App 1 Disk	0.2405			
Resource App 2 CPU	0.4124			
Resource App 2 Disk	0.5282			
Resource App 3 GPU	0.5491			
Resource App 3 Disk	0.3851			
Resource DB Server Cache	0.3459			
Resource DB Server CPU	0.6866			
Resource DB Server Disk	0.5507			
Resource Load Balancer	0.4816			
Resource Web Service CPU	0.5248			

Replications: 10 **Unnamed Project** Replication 1 0,00 Stop Time: 200,00 Time Units: Seconds Start Time: Resource **Usage Total Number Seized** Value Resource App 1 CPU 343.00 Resource App 1 Disk 101.00 Resource App 2 CPU 362.00 Resource App 2 Disk 123.00 Resource App 3 GPU 655.00 Resource App 3 Disk 184.00 Resource DB Server 172.00 Cache Resource DB Server CPU 1,625.00 Resource DB Server Disk 638.00 Resource Load Balancer 955.00 943.00 Resource Web Service CPU **System Other** Value **Number Out** System 942 Replication 10 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds **Entity Time** Half Width **VA Time** Average Minimum Maximum Entity 1 0.9943 0.08002722 0,049516782 6.0628

plication 10	Start Time:	0,00 Stop Time:	200,00 Time U	Inits: Seconds
Entity				
Time				
NVA Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	(
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	1.0810	(Correlated)	0	8.981
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Other Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	2.0753	(Correlated)	0.1398	14.074
Other				
Number In	Value			
Entity 1	1,004			
Number Out	Value			
Entity 1	991			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	10.4085	(Correlated)	0	28.000

Replications: 10

Unnamed Project

Replication 10 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.1238	0,049938858	0	1.2889
App 1 Disk.Queue	0.1283	(Insufficient)	0	1.9263
App 2 Disk.Queue	0.3873	(Insufficient)	0	4.0873
App 2 CPU.Queue	0.1301	(Insufficient)	0	1.6732
App 3 Disk.Queue	0.3510	(Insufficient)	0	3.2244
App 3 GPU.Queue	0.4066	0,251876647	0	3.7698
DB Server Cache.Queue	0.2392	(Insufficient)	0	2.5477
DB Server CPU.Queue	0.1567	0,043220022	0	1.1763
DB Server Disk.Queue	0.1459	0,041218723	0	1.4610
Load Balancer.Queue	0.0966	0,024546634	0	1.1211
Web Service CPU.Queue	0.1206	0,038758053	0	0.9561

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.2080	(Insufficient)	0	5.0000
App 1 Disk.Queue	0.05837610	(Insufficient)	0	2.0000
App 2 Disk.Queue	0.1625	(Insufficient)	0	3.0000
App 2 CPU.Queue	0.1912	(Insufficient)	0	4.0000
App 3 Disk.Queue	0.3475	(Insufficient)	0	4.0000
App 3 GPU.Queue	1.4897	0,828427128	0	16.0000
DB Server Cache.Queue	0.1877	(Insufficient)	0	4.0000
DB Server CPU.Queue	1.2736	0,405227956	0	11.0000
DB Server Disk.Queue	0.4383	0,152742678	0	7.0000
Load Balancer.Queue	0.4850	0,136241206	0	8.0000
Web Service CPU.Queue	0.5978	0,225183614	0	8.0000

Resource

7

Replication 10Start Time:0,00Stop Time:200,00Time Units:Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.4205	0,055873134	0	1.0000
Resource App 1 Disk	0.2239	(Insufficient)	0	1.0000
Resource App 2 CPU	0.3540	0,078886743	0	1.0000
Resource App 2 Disk	0.3194	(Insufficient)	0	1.0000
Resource App 3 GPU	0.6555	0,073600418	0	1.0000
Resource App 3 Disk	0.4525	(Insufficient)	0	1.0000
Resource DB Server Cache	0.3259	(Insufficient)	0	1.0000
Resource DB Server CPU	0.6620	0,049615840	0	1.0000
Resource DB Server Disk	0.5096	0,058318525	0	1.0000
Resource Load Balancer	0.5050	0,039641141	0	1.0000
Resource Web Service CPU	0.5404	0,043857841	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.4205	Half Width 0,055873134	Minimum 0	1.0000
Resource App 1 CPU	0.4205	0,055873134	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.4205 0.2239	0,055873134 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.4205 0.2239 0.3540	0,055873134 (Insufficient) 0,078886743	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.4205 0.2239 0.3540 0.3194	0,055873134 (Insufficient) 0,078886743 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.4205 0.2239 0.3540 0.3194 0.6555	0,055873134 (Insufficient) 0,078886743 (Insufficient) 0,073600418	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource App 3 Disk Resource DB Server	0.4205 0.2239 0.3540 0.3194 0.6555 0.4525	0,055873134 (Insufficient) 0,078886743 (Insufficient) 0,073600418 (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.4205 0.2239 0.3540 0.3194 0.6555 0.4525 0.3259	0,055873134 (Insufficient) 0,078886743 (Insufficient) 0,073600418 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.4205 0.2239 0.3540 0.3194 0.6555 0.4525 0.3259	0,055873134 (Insufficient) 0,078886743 (Insufficient) 0,073600418 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

Replication 10 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.4205			
Resource App 1 Disk	0.2239			
Resource App 2 CPU	0.3540			
Resource App 2 Disk	0.3194			
Resource App 3 GPU	0.6555			
Resource App 3 Disk	0.4525			
Resource DB Server Cache	0.3259			
Resource DB Server CPU	0.6620			
Resource DB Server Disk	0.5096			
Resource Load Balancer	0.5050			
Resource Web Service CPU	0.5404			

Replications: 10 **Unnamed Project**

Replication 10 Time Units: Seconds Start Time: 0,00 Stop Time: 200,00

Resource

Usage

Total Number Seized	Value
Resource App 1 CPU	336.00
Resource App 1 Disk	91.0000
Resource App 2 CPU	294.00
Resource App 2 Disk	74.0000
Resource App 3 GPU	729.00
Resource App 3 Disk	198.00
Resource DB Server Cache	157.00
Resource DB Server CPU	1,626.00
Resource DB Server Disk	601.00
Resource Load Balancer	1,004.00
Resource Web Service CPU	991.00

System

Other

Value **Number Out** System 991

Replication 2 0,00 Time Units: Seconds Start Time: Stop Time: 200,00

Entity

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	1.0537	0,053603432	0.08396329	5.8235

plication 2	Start Time:	0,00 Stop Time:	200,00 Time U	nits: Seconds
Entity				
Time				
NVA Time	Average	Half Width	Minimum	Maximur
Entity 1	0	0,00000000	0	(
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	1.1831	(Correlated)	0	9.561
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Other Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	2.2369	0,202805683	0.1594	14.911
Other				
Number In	Value			
Entity 1	1,042			
Number Out	Value			
Entity 1	1,024			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	11.5601	(Correlated)	0	30.000

Replications: 10

Unnamed Project

Replication 2 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.1926	0,107457840	0	2.3904
App 1 Disk.Queue	0.07578241	(Insufficient)	0	1.2562
App 2 Disk.Queue	0.7171	(Insufficient)	0	4.7160
App 2 CPU.Queue	0.2000	0,067881534	0	1.7703
App 3 Disk.Queue	0.3103	(Insufficient)	0	2.9644
App 3 GPU.Queue	0.3163	0,077413857	0	1.7387
DB Server Cache.Queue	0.2761	(Insufficient)	0	3.4477
DB Server CPU.Queue	0.1694	(Correlated)	0	1.5494
DB Server Disk.Queue	0.1566	0,049408662	0	1.8033
Load Balancer.Queue	0.1128	0,028337256	0	1.0229
Web Service CPU.Queue	0.1313	0,031255478	0	1.4161

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.3237	(Insufficient)	0	6.0000
App 1 Disk.Queue	0.03372317	(Insufficient)	0	3.0000
App 2 Disk.Queue	0.4482	(Insufficient)	0	4.0000
App 2 CPU.Queue	0.3891	(Correlated)	0	4.0000
App 3 Disk.Queue	0.3429	(Insufficient)	0	5.0000
App 3 GPU.Queue	1.1871	0,346846915	0	9.0000
DB Server Cache.Queue	0.2084	(Insufficient)	0	6.0000
DB Server CPU.Queue	1.4340	(Correlated)	0	21.0000
DB Server Disk.Queue	0.4987	0,190298608	0	5.0000
Load Balancer.Queue	0.5875	0,143241415	0	7.0000
Web Service CPU.Queue	0.6729	0,183069466	0	8.0000

Resource

Replication 2Start Time:0,00Stop Time:200,00Time Units: Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.4460	0,065151057	0	1.0000
Resource App 1 Disk	0.1978	(Insufficient)	0	1.0000
Resource App 2 CPU	0.4873	0,065638858	0	1.0000
Resource App 2 Disk	0.5419	(Insufficient)	0	1.0000
Resource App 3 GPU	0.6462	0,072613025	0	1.0000
Resource App 3 Disk	0.4752	(Insufficient)	0	1.0000
Resource DB Server Cache	0.3319	(Insufficient)	0	1.0000
Resource DB Server CPU	0.6648	0,055099440	0	1.0000
Resource DB Server Disk	0.5225	0,070332586	0	1.0000
Resource Load Balancer	0.5423	(Correlated)	0	1.0000
Resource Web Service CPU	0.5781	0,046383443	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.4460	Half Width 0,065151057	Minimum 0	<u>Maximum</u> 1.0000
Resource App 1 CPU	0.4460	0,065151057	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.4460 0.1978	0,065151057 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.4460 0.1978 0.4873	0,065151057 (Insufficient) 0,065638858	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.4460 0.1978 0.4873 0.5419	0,065151057 (Insufficient) 0,065638858 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.4460 0.1978 0.4873 0.5419 0.6462	0,065151057 (Insufficient) 0,065638858 (Insufficient) 0,072613025	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource App 3 Disk Resource DB Server	0.4460 0.1978 0.4873 0.5419 0.6462 0.4752	0,065151057 (Insufficient) 0,065638858 (Insufficient) 0,072613025 (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.4460 0.1978 0.4873 0.5419 0.6462 0.4752 0.3319	0,065151057 (Insufficient) 0,065638858 (Insufficient) 0,072613025 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.4460 0.1978 0.4873 0.5419 0.6462 0.4752 0.3319	0,065151057 (Insufficient) 0,065638858 (Insufficient) 0,072613025 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

otali filic. 0.00 otob filic. 200.00 filic office.	Replication 2	Start Time:	0.00 Stop Time:	200.00 Time Units: Seconds
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Resource

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.4460			
Resource App 1 Disk	0.1978			
Resource App 2 CPU	0.4873			
Resource App 2 Disk	0.5419			
Resource App 3 GPU	0.6462			
Resource App 3 Disk	0.4752			
Resource DB Server Cache	0.3319			
Resource DB Server CPU	0.6648			
Resource DB Server Disk	0.5225			
Resource Load Balancer	0.5423			
Resource Web Service CPU	0.5781			

named Project					Replica	ations: 1
eplication 2	Start Time:	0,00	Stop Time:	200,00	Time Units:	Secon
Resource						
Usage						
Total Number Seized	Value					
Resource App 1 CPU	336.00					
Resource App 1 Disk	89.0000					
Resource App 2 CPU	389.00					
Resource App 2 Disk	125.00					
Resource App 3 GPU	739.00					
Resource App 3 Disk	221.00					
Resource DB Server Cache	151.00					
Resource DB Server CPU	1,693.00					
Resource DB Server Disk	637.00					
Resource Load Balancer	1,039.00					
Resource Web Service CPU	1,025.00					
System						
Other						
Number Out	Value					
System	1,024					
eplication 3	Start Time:	0,00	Stop Time:	200,00	Time Units:	Secon
Entity						
Time						
VA Time	Average		Half Width	Minimu	m	Maxim

1.0668

0,072076416

Entity 1

0.08115608

8.7810

plication 3	Start Time:	0,00 Stop Time:	200,00 Time U	nits: Seconds
intity				
Time				
NVA Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	1.2076	(Correlated)	0	9.063
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Other Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	2.2745	0,232004303	0.1217	16.355
Other				
Number In	Value			
Entity 1	1,052			
Number Out	Value			
Entity 1	1,044			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	11.9254	1,74443	0	27.000

16

Replications: 10

Unnamed Project

Replication 3 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.2583	0,144903746	0	3.0545
App 1 Disk.Queue	0.2866	(Insufficient)	0	3.2351
App 2 Disk.Queue	0.7019	(Insufficient)	0	3.6547
App 2 CPU.Queue	0.1254	0,057722348	0	1.4779
App 3 Disk.Queue	0.3985	(Insufficient)	0	3.8003
App 3 GPU.Queue	0.2626	0,064418110	0	2.0308
DB Server Cache.Queue	0.1322	(Insufficient)	0	1.9703
DB Server CPU.Queue	0.1699	0,040797393	0	1.5594
DB Server Disk.Queue	0.2321	0,105314762	0	2.0878
Load Balancer.Queue	0.1054	0,023396828	0	1.1204
Web Service CPU.Queue	0.1420	0,039732444	0	1.2020

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.5270	0,292799769	0	8.0000
App 1 Disk.Queue	0.1791	(Insufficient)	0	4.0000
App 2 Disk.Queue	0.3580	(Insufficient)	0	5.0000
App 2 CPU.Queue	0.2285	(Insufficient)	0	5.0000
App 3 Disk.Queue	0.4014	(Insufficient)	0	5.0000
App 3 GPU.Queue	0.9308	0,278178661	0	7.0000
DB Server Cache.Queue	0.1170	(Insufficient)	0	3.0000
DB Server CPU.Queue	1.4956	0,460153377	0	13.0000
DB Server Disk.Queue	0.7974	(Correlated)	0	11.0000
Load Balancer.Queue	0.5544	0,160386929	0	8.0000
Web Service CPU.Queue	0.7412	0,247688809	0	8.0000

Resource

Replication 3Start Time:0,00Stop Time:200,00Time Units:Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.5101	0,088138785	0	1.0000
Resource App 1 Disk	0.3362	(Insufficient)	0	1.0000
Resource App 2 CPU	0.4461	0,065290503	0	1.0000
Resource App 2 Disk	0.4583	(Insufficient)	0	1.0000
Resource App 3 GPU	0.6520	0,076698434	0	1.0000
Resource App 3 Disk	0.4605	(Insufficient)	0	1.0000
Resource DB Server Cache	0.3638	(Insufficient)	0	1.0000
Resource DB Server CPU	0.6963	0,062125468	0	1.0000
Resource DB Server Disk	0.5486	0,073603308	0	1.0000
Resource Load Balancer	0.5338	0,053770451	0	1.0000
Resource Web Service CPU	0.5894	0,059603439	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.5101	Half Width 0,088138785	Minimum 0	1.0000
Resource App 1 CPU	0.5101	0,088138785	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.5101 0.3362	0,088138785 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.5101 0.3362 0.4461	0,088138785 (Insufficient) 0,065290503	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.5101 0.3362 0.4461 0.4583	0,088138785 (Insufficient) 0,065290503 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.5101 0.3362 0.4461 0.4583 0.6520	0,088138785 (Insufficient) 0,065290503 (Insufficient) 0,076698434	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource App 3 Disk Resource DB Server	0.5101 0.3362 0.4461 0.4583 0.6520 0.4605	0,088138785 (Insufficient) 0,065290503 (Insufficient) 0,076698434 (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.5101 0.3362 0.4461 0.4583 0.6520 0.4605 0.3638	0,088138785 (Insufficient) 0,065290503 (Insufficient) 0,076698434 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.5101 0.3362 0.4461 0.4583 0.6520 0.4605 0.3638	0,088138785 (Insufficient) 0,065290503 (Insufficient) 0,076698434 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

Resource

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.5101			
Resource App 1 Disk	0.3362			
Resource App 2 CPU	0.4461			
Resource App 2 Disk	0.4583			
Resource App 3 GPU	0.6520			
Resource App 3 Disk	0.4605			
Resource DB Server Cache	0.3638			
Resource DB Server CPU	0.6963			
Resource DB Server Disk	0.5486			
Resource Load Balancer	0.5338			
Resource Web Service CPU	0.5894			

Unnamed Project Replications: 10 Replication 3 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Usage

Total Number Seized	Value
Resource App 1 CPU	408.00
Resource App 1 Disk	125.00
Resource App 2 CPU	360.00
Resource App 2 Disk	102.00
Resource App 3 GPU	709.00
Resource App 3 Disk	201.00
Resource DB Server Cache	177.00
Resource DB Server CPU	1,761.00
Resource DB Server Disk	687.00
Resource Load Balancer	1,052.00
Resource Web Service CPU	1,044.00

System

Other

Number Out Value
System 1,044

Replication 4Start Time:0,00Stop Time:200,00Time Units: Seconds

Entity

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	1.0035	0.054392565	0.05818593	6.5221

eplication 4	Start Time:	0,00 Stop Time:	200,00 Time U	nits: Seconds
Entity				
Time				
NVA Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	(
Wait Time	Average	Half Width	Minimum	Maximui
Entity 1	1.0484	0,150981497	0	6.709
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	1
Other Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	(
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	2.0519	0,166245088	0.1044	11.309
Other				
Number In	Value			
Entity 1	1,002			
Number Out	Value			
Entity 1	987			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	10.3074	1,20543	0	25.000

Replication 4 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.2097	0,089039446	0	2.0334
App 1 Disk.Queue	0.1884	(Insufficient)	0	2.7890
App 2 Disk.Queue	0.4482	(Insufficient)	0	3.0918
App 2 CPU.Queue	0.1813	0,077843094	0	1.9475
App 3 Disk.Queue	0.3842	(Insufficient)	0	4.2346
App 3 GPU.Queue	0.3365	0,139330215	0	2.0880
DB Server Cache.Queue	0.1231	(Insufficient)	0	1.3072
DB Server CPU.Queue	0.1289	0,050779559	0	1.1768
DB Server Disk.Queue	0.1693	0,096092543	0	2.2281
Load Balancer.Queue	0.1043	(Correlated)	0	1.1603
Web Service CPU.Queue	0.1167	0,032074066	0	1.2805

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.3680	0,196437741	0	6.0000
App 1 Disk.Queue	0.1065	(Insufficient)	0	3.0000
App 2 Disk.Queue	0.2353	(Insufficient)	0	4.0000
App 2 CPU.Queue	0.3201	(Insufficient)	0	6.0000
App 3 Disk.Queue	0.3746	(Insufficient)	0	5.0000
App 3 GPU.Queue	1.2084	0,575107193	0	11.0000
DB Server Cache.Queue	0.08185338	(Insufficient)	0	5.0000
DB Server CPU.Queue	1.0206	0,403245019	0	13.0000
DB Server Disk.Queue	0.4741	0,310049021	0	9.0000
Load Balancer.Queue	0.5223	0,169325118	0	10.0000
Web Service CPU.Queue	0.5769	0,190341374	0	7.0000

Resource

Replication 4 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.4435	0,083943959	0	1.0000
Resource App 1 Disk	0.2808	(Insufficient)	0	1.0000
Resource App 2 CPU	0.4432	0,082123572	0	1.0000
Resource App 2 Disk	0.3706	(Insufficient)	0	1.0000
Resource App 3 GPU	0.6439	0,074896965	0	1.0000
Resource App 3 Disk	0.4667	(Insufficient)	0	1.0000
Resource DB Server Cache	0.2594	(Insufficient)	0	1.0000
Resource DB Server CPU	0.6142	0,048908301	0	1.0000
Resource DB Server Disk	0.4558	0,062330891	0	1.0000
Resource Load Balancer	0.5031	0,043515535	0	1.0000
Resource Web Service CPU	0.5373	0,053535611	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.4435	Half Width 0,083943959	Minimum 0	Maximum 1.0000
Resource App 1 CPU	0.4435	0,083943959	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.4435 0.2808	0,083943959 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.4435 0.2808 0.4432	0,083943959 (Insufficient) 0,082123572	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.4435 0.2808 0.4432 0.3706	0,083943959 (Insufficient) 0,082123572 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.4435 0.2808 0.4432 0.3706 0.6439	0,083943959 (Insufficient) 0,082123572 (Insufficient) 0,074896965	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource App 3 Disk Resource DB Server	0.4435 0.2808 0.4432 0.3706 0.6439 0.4667	0,083943959 (Insufficient) 0,082123572 (Insufficient) 0,074896965 (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.4435 0.2808 0.4432 0.3706 0.6439 0.4667 0.2594	0,083943959 (Insufficient) 0,082123572 (Insufficient) 0,074896965 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.4435 0.2808 0.4432 0.3706 0.6439 0.4667 0.2594	0,083943959 (Insufficient) 0,082123572 (Insufficient) 0,074896965 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

Replication 4 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

•				
Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.4435			
Resource App 1 Disk	0.2808			
Resource App 2 CPU	0.4432			
Resource App 2 Disk	0.3706			
Resource App 3 GPU	0.6439			
Resource App 3 Disk	0.4667			
Resource DB Server Cache	0.2594			
Resource DB Server CPU	0.6142			
Resource DB Server Disk	0.4558			
Resource Load Balancer	0.5031			
Resource Web Service CPU	0.5373			

Replication 4 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Usage

Total Number Seized	Value
Resource App 1 CPU	351.00
Resource App 1 Disk	113.00
Resource App 2 CPU	353.00
Resource App 2 Disk	105.00
Resource App 3 GPU	703.00
Resource App 3 Disk	195.00
Resource DB Server Cache	133.00
Resource DB Server CPU	1,584.00
Resource DB Server Disk	560.00
Resource Load Balancer	1,002.00
Resource Web Service CPU	988.00

System

Other

Number Out Value
System 987

Replication 5Start Time:0,00Stop Time:200,00Time Units: Seconds

Entity

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	1.0089	0,067395243	0.05718135	7.0586

plication 5	Start Time:	0,00 Stop Time:	200,00 Time U	Inits: Seconds
Entity				
Time				
NVA Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	0.9508	0,159414008	0	7.602
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Other Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	1.9597	0,205952656	0.1195	11.877
Other				
Number In	Value			
Entity 1	1,003			
Number Out	Value			
Entity 1	994			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	9.7785	1,36814	0	29.000

of

Unnamed Project

Replications: 10

Replication 5Start Time:0,00Stop Time:200,00Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.1392	(Correlated)	0	1.6019
App 1 Disk.Queue	0.1546	(Insufficient)	0	2.2886
App 2 Disk.Queue	0.6164	(Insufficient)	0	3.8857
App 2 CPU.Queue	0.1850	0,144230189	0	1.8866
App 3 Disk.Queue	0.2800	(Insufficient)	0	2.3949
App 3 GPU.Queue	0.2329	0,069302351	0	1.6935
DB Server Cache.Queue	0.1489	(Insufficient)	0	2.0839
DB Server CPU.Queue	0.1322	0,031882073	0	0.8947
DB Server Disk.Queue	0.1569	0,056300712	0	1.9756
Load Balancer.Queue	0.08455111	0,020412961	0	0.7682
Web Service CPU.Queue	0.1133	0,031610760	0	1.2183

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.2541	(Insufficient)	0	4.0000
App 1 Disk.Queue	0.07886929	(Insufficient)	0	2.0000
App 2 Disk.Queue	0.3051	(Insufficient)	0	4.0000
App 2 CPU.Queue	0.3080	(Insufficient)	0	7.0000
App 3 Disk.Queue	0.3094	(Insufficient)	0	4.0000
App 3 GPU.Queue	0.8450	0,273216824	0	9.0000
DB Server Cache.Queue	0.1102	(Insufficient)	0	3.0000
DB Server CPU.Queue	1.0738	0,356730657	0	10.0000
DB Server Disk.Queue	0.4706	0,178242476	0	6.0000
Load Balancer.Queue	0.4240	0,119336847	0	7.0000
Web Service CPU.Queue	0.5633	0,162503462	0	10.0000

Resource

Replication 5Start Time:0,00Stop Time:200,00Time Units: Seconds

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.4316	0,070516237	0	1.0000
Resource App 1 Disk	0.2450	(Insufficient)	0	1.0000
Resource App 2 CPU	0.3886	0,074335472	0	1.0000
Resource App 2 Disk	0.3790	(Insufficient)	0	1.0000
Resource App 3 GPU	0.6107	0,055002767	0	1.0000
Resource App 3 Disk	0.5048	(Insufficient)	0	1.0000
Resource DB Server Cache	0.2936	(Insufficient)	0	1.0000
Resource DB Server CPU	0.6481	0,057524754	0	1.0000
Resource DB Server Disk	0.4814	0,064221973	0	1.0000
Resource Load Balancer	0.5087	0,041892992	0	1.0000
Resource Web Service CPU	0.5447	(Correlated)	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.4316	Half Width 0,070516237	Minimum 0	1.0000
Resource App 1 CPU	0.4316	0,070516237	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.4316 0.2450	0,070516237 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.4316 0.2450 0.3886	0,070516237 (Insufficient) 0,074335472	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.4316 0.2450 0.3886 0.3790	0,070516237 (Insufficient) 0,074335472 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.4316 0.2450 0.3886 0.3790 0.6107	0,070516237 (Insufficient) 0,074335472 (Insufficient) 0,055002767	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server	0.4316 0.2450 0.3886 0.3790 0.6107 0.5048	0,070516237 (Insufficient) 0,074335472 (Insufficient) 0,055002767 (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.4316 0.2450 0.3886 0.3790 0.6107 0.5048 0.2936	0,070516237 (Insufficient) 0,074335472 (Insufficient) 0,055002767 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.4316 0.2450 0.3886 0.3790 0.6107 0.5048 0.2936	0,070516237 (Insufficient) 0,074335472 (Insufficient) 0,055002767 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

of

Replication 5 Start Time: 0,00 Stop Time: 200,00 Time Units: 3	Seconds
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Resource

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.4316			
Resource App 1 Disk	0.2450			
Resource App 2 CPU	0.3886			
Resource App 2 Disk	0.3790			
Resource App 3 GPU	0.6107			
Resource App 3 Disk	0.5048			
Resource DB Server Cache	0.2936			
Resource DB Server CPU	0.6481			
Resource DB Server Disk	0.4814			
Resource Load Balancer	0.5087			
Resource Web Service CPU	0.5447			

Replication 5 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Usage

Total Number Seized	Value
Resource App 1 CPU	365.00
Resource App 1 Disk	102.00
Resource App 2 CPU	333.00
Resource App 2 Disk	99.00
Resource App 3 GPU	725.00
Resource App 3 Disk	221.00
Resource DB Server Cache	148.00
Resource DB Server CPU	1,621.00
Resource DB Server Disk	600.00
Resource Load Balancer	1,003.00
Resource Web Service CPU	994.00

System

Other

Number Out Value
System 994

Replication 6 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Entity

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	1.0601	0.055016033	0.04205019	9.7907

amed Project				
eplication 6	Start Time:	0,00 Stop Time:	200,00 Time U	Inits: Seconds
Entity				
Time				
NVA Time	Average	Half Width	Minimum	Maximur
Entity 1	0	0,00000000	0	(
Wait Time	Average	Half Width	Minimum	Maximur
Entity 1	1.2445	0,193452211	0	11.1950
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	(
Other Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	(
Total Time	Average	Half Width	Minimum	Maximui
Entity 1	2.3047	0,224870823	0.1265	15.800
Other				
Number In	Value			
Entity 1	1,025			
Number Out	Value			
Entity 1	1,016			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	11.7619	(Correlated)	0	24.000

Replications: 10

Unnamed Project

Replication 6 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.1563	0,059703361	0	1.6571
App 1 Disk.Queue	0.3099	(Insufficient)	0	4.0597
App 2 Disk.Queue	1.0846	(Insufficient)	0	6.7809
App 2 CPU.Queue	0.1207	0,057165075	0	1.6619
App 3 Disk.Queue	0.4683	(Insufficient)	0	3.4861
App 3 GPU.Queue	0.3467	0,117729866	0	2.3477
DB Server Cache.Queue	0.3817	(Insufficient)	0	2.5540
DB Server CPU.Queue	0.1653	0,065919300	0	1.7697
DB Server Disk.Queue	0.1641	0,048602137	0	1.3355
Load Balancer.Queue	0.1062	0,038514018	0	1.3369
Web Service CPU.Queue	0.1302	0,036127933	0	1.1013

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.2883	(Insufficient)	0	5.0000
App 1 Disk.Queue	0.1689	(Insufficient)	0	5.0000
App 2 Disk.Queue	0.5043	(Insufficient)	0	4.0000
App 2 CPU.Queue	0.2021	(Insufficient)	0	6.0000
App 3 Disk.Queue	0.4800	(Insufficient)	0	5.0000
App 3 GPU.Queue	1.2572	0,496199936	0	10.0000
DB Server Cache.Queue	0.3378	(Insufficient)	0	5.0000
DB Server CPU.Queue	1.3829	0,562821500	0	15.0000
DB Server Disk.Queue	0.5139	0,175506830	0	7.0000
Load Balancer.Queue	0.5441	0,229221978	0	12.0000
Web Service CPU.Queue	0.6621	0,222510348	0	10.0000

Resource

Replication 6 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.4541	0,057268122	0	1.0000
Resource App 1 Disk	0.2739	(Insufficient)	0	1.0000
Resource App 2 CPU	0.3942	0,055035326	0	1.0000
Resource App 2 Disk	0.4669	(Insufficient)	0	1.0000
Resource App 3 GPU	0.6362	0,066142969	0	1.0000
Resource App 3 Disk	0.5432	(Insufficient)	0	1.0000
Resource DB Server Cache	0.3970	(Insufficient)	0	1.0000
Resource DB Server CPU	0.6476	0,050847469	0	1.0000
Resource DB Server Disk	0.5377	0,066521452	0	1.0000
Resource Load Balancer	0.5200	0,043070382	0	1.0000
Resource Web Service CPU	0.5494	0,052640955	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.4541	Half Width 0,057268122	Minimum 0	1.0000
Resource App 1 CPU	0.4541	0,057268122	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.4541 0.2739	0,057268122 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.4541 0.2739 0.3942	0,057268122 (Insufficient) 0,055035326	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.4541 0.2739 0.3942 0.4669	0,057268122 (Insufficient) 0,055035326 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.4541 0.2739 0.3942 0.4669 0.6362	0,057268122 (Insufficient) 0,055035326 (Insufficient) 0,066142969	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource App 3 Disk Resource DB Server	0.4541 0.2739 0.3942 0.4669 0.6362 0.5432	0,057268122 (Insufficient) 0,055035326 (Insufficient) 0,066142969 (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.4541 0.2739 0.3942 0.4669 0.6362 0.5432 0.3970	0,057268122 (Insufficient) 0,055035326 (Insufficient) 0,066142969 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.4541 0.2739 0.3942 0.4669 0.6362 0.5432 0.3970	0,057268122 (Insufficient) 0,055035326 (Insufficient) 0,066142969 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

Replication 6 Start Time: 0,00 Stop Time: 200,00 Time U

Resource

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.4541			
Resource App 1 Disk	0.2739			
Resource App 2 CPU	0.3942			
Resource App 2 Disk	0.4669			
Resource App 3 GPU	0.6362			
Resource App 3 Disk	0.5432			
Resource DB Server Cache	0.3970			
Resource DB Server CPU	0.6476			
Resource DB Server Disk	0.5377			
Resource Load Balancer	0.5200			
Resource Web Service CPU	0.5494			

Replications: 10 **Unnamed Project** Replication 6 0,00 Stop Time: 200,00 Time Units: Seconds Start Time: Resource **Usage Total Number Seized** Value Resource App 1 CPU 369.00 Resource App 1 Disk 109.00 Resource App 2 CPU 335.00 Resource App 2 Disk 93.0000 Resource App 3 GPU 725.00 Resource App 3 Disk 205.00 Resource DB Server 177.00 Cache Resource DB Server CPU 1,673.00 Resource DB Server Disk 624.00 Resource Load Balancer 1,025.00 Resource Web Service 1,017.00 CPU **System Other** Value **Number Out** System 1,016 Replication 7 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds **Entity Time**

Average

1.0928

Half Width

0,051259443

VA Time

Entity 1

Minimum

0.03021588

Maximum

6.3633

plication 7	Start Time:	0,00 Stop Time:	200,00 Time l	Jnits: Seconds
Intity				
Time				
NVA Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	1.3937	(Correlated)	0	15.928
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Other Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	2.4865	(Correlated)	0.1565	19.628
Other				
Number In	Value			
Entity 1	1,012			
Number Out	Value			
Entity 1	1,004			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	12.5425	(Correlated)	0	27.000

of

Replications: 10

Unnamed Project

Replication 7 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.1946	0,087360180	0	2.1691
App 1 Disk.Queue	0.0950	(Insufficient)	0	1.0319
App 2 Disk.Queue	1.1675	(Insufficient)	0	5.8652
App 2 CPU.Queue	0.2007	0,080254639	0	1.5953
App 3 Disk.Queue	0.5925	(Insufficient)	0	4.3844
App 3 GPU.Queue	0.5359	(Correlated)	0	3.7200
DB Server Cache.Queue	0.3253	(Insufficient)	0	2.9244
DB Server CPU.Queue	0.1460	0,027748168	0	0.8654
DB Server Disk.Queue	0.1655	(Correlated)	0	1.3745
Load Balancer.Queue	0.07556441	0,015804452	0	0.7121
Web Service CPU.Queue	0.1152	0,027003751	0	1.0123

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.3337	(Insufficient)	0	6.0000
App 1 Disk.Queue	0.04323127	(Insufficient)	0	2.0000
App 2 Disk.Queue	0.6305	(Insufficient)	0	6.0000
App 2 CPU.Queue	0.3401	(Insufficient)	0	5.0000
App 3 Disk.Queue	0.6205	(Insufficient)	0	8.0000
App 3 GPU.Queue	1.9640	0,960492280	0	14.0000
DB Server Cache.Queue	0.3172	(Insufficient)	0	5.0000
DB Server CPU.Queue	1.2634	0,265818970	0	10.0000
DB Server Disk.Queue	0.5653	0,168343039	0	6.0000
Load Balancer.Queue	0.3824	0,101407358	0	6.0000
Web Service CPU.Queue	0.5784	0,150242855	0	7.0000

Resource

Replication 7 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.4635	0,063807766	0	1.0000
Resource App 1 Disk	0.2024	(Insufficient)	0	1.0000
Resource App 2 CPU	0.4537	0,060501333	0	1.0000
Resource App 2 Disk	0.4665	(Insufficient)	0	1.0000
Resource App 3 GPU	0.7199	(Correlated)	0	1.0000
Resource App 3 Disk	0.4887	(Insufficient)	0	1.0000
Resource DB Server Cache	0.4112	(Insufficient)	0	1.0000
Resource DB Server CPU	0.6861	0,040352591	0	1.0000
Resource DB Server Disk	0.5676	0,059921211	0	1.0000
Resource Load Balancer	0.4978	0,047105423	0	1.0000
Resource Web Service CPU	0.5464	(Correlated)	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.4635	Half Width 0,063807766	Minimum 0	<u>Maximum</u> 1.0000
Resource App 1 CPU	0.4635	0,063807766	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.4635 0.2024	0,063807766 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.4635 0.2024 0.4537	0,063807766 (Insufficient) 0,060501333	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.4635 0.2024 0.4537 0.4665	0,063807766 (Insufficient) 0,060501333 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.4635 0.2024 0.4537 0.4665 0.7199	0,063807766 (Insufficient) 0,060501333 (Insufficient) (Correlated)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource App 3 Disk Resource DB Server	0.4635 0.2024 0.4537 0.4665 0.7199 0.4887	0,063807766 (Insufficient) 0,060501333 (Insufficient) (Correlated) (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.4635 0.2024 0.4537 0.4665 0.7199 0.4887 0.4112	0,063807766 (Insufficient) 0,060501333 (Insufficient) (Correlated) (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.4635 0.2024 0.4537 0.4665 0.7199 0.4887 0.4112	0,063807766 (Insufficient) 0,060501333 (Insufficient) (Correlated) (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

of

Replication 7	Start Time:	0.00 Stop Time:	200.00	Time Units: Seconds
				Time Cime. Coccinac

Resource

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.4635			
Resource App 1 Disk	0.2024			
Resource App 2 CPU	0.4537			
Resource App 2 Disk	0.4665			
Resource App 3 GPU	0.7199			
Resource App 3 Disk	0.4887			
Resource DB Server Cache	0.4112			
Resource DB Server CPU	0.6861			
Resource DB Server Disk	0.5676			
Resource Load Balancer	0.4978			
Resource Web Service CPU	0.5464			

Replications: 10 **Unnamed Project** Replication 7 0,00 Stop Time: 200,00 Time Units: Seconds Start Time: Resource **Usage Total Number Seized** Value Resource App 1 CPU 343.00 Resource App 1 Disk 91.0000 Resource App 2 CPU 339.00 Resource App 2 Disk 108.00 Resource App 3 GPU 733.00 Resource App 3 Disk 205.00 Resource DB Server 195.00 Cache Resource DB Server CPU 1,728.00 Resource DB Server Disk 683.00 Resource Load Balancer 1,012.00 Resource Web Service 1,004.00 CPU **System Other** Value **Number Out** System 1,004 Replication 8 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds **Entity Time**

Average

1.0493

Half Width

0,050686875

VA Time

Entity 1

Minimum

0.04709329

Maximum

6.8957

plication 8	Start Time:	0,00 Stop Time:	200,00 Time U	nits: Seconds
ntity				
Time				
NVA Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	0.8738	0,132354265	0	7.193
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Other Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	1.9232	0,161529387	0.1010	9.123
Other				
Number In	Value			
Entity 1	926			
Number Out	Value			
Entity 1	909			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	8.9193	1,11669	0	22.000

Time

Unnamed Project

Replications: 10

Replication 8Start Time:0,00Stop Time:200,00Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.3107	(Correlated)	0	2.2077
App 1 Disk.Queue	0.2914	(Insufficient)	0	3.0151
App 2 Disk.Queue	0.3914	(Insufficient)	0	5.7128
App 2 CPU.Queue	0.1007	0,029705925	0	0.9765
App 3 Disk.Queue	0.1877	(Insufficient)	0	2.5936
App 3 GPU.Queue	0.2023	0,052594002	0	1.1872
DB Server Cache.Queue	0.0993	(Insufficient)	0	1.3586
DB Server CPU.Queue	0.1049	0,037983292	0	1.0203
DB Server Disk.Queue	0.1047	0,043249831	0	1.9663
Load Balancer.Queue	0.0940	0,037867120	0	1.0488
Web Service CPU.Queue	0.1261	0,034009805	0	1.0719

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.6446	0,327809045	0	7.0000
App 1 Disk.Queue	0.2215	(Insufficient)	0	3.0000
App 2 Disk.Queue	0.1907	(Insufficient)	0	3.0000
App 2 CPU.Queue	0.1611	(Insufficient)	0	4.0000
App 3 Disk.Queue	0.1464	(Insufficient)	0	3.0000
App 3 GPU.Queue	0.5989	0,184434163	0	7.0000
DB Server Cache.Queue	0.06705986	(Insufficient)	0	2.0000
DB Server CPU.Queue	0.7671	0,224450039	0	9.0000
DB Server Disk.Queue	0.2692	0,129927406	0	5.0000
Load Balancer.Queue	0.4343	0,152852479	0	8.0000
Web Service CPU.Queue	0.5731	0,166429384	0	8.0000

Resource

Replication 8 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.5508	0,089110465	0	1.0000
Resource App 1 Disk	0.4029	(Insufficient)	0	1.0000
Resource App 2 CPU	0.3374	0,042210385	0	1.0000
Resource App 2 Disk	0.3938	(Insufficient)	0	1.0000
Resource App 3 GPU	0.5588	0,051156095	0	1.0000
Resource App 3 Disk	0.3564	(Insufficient)	0	1.0000
Resource DB Server Cache	0.2510	(Insufficient)	0	1.0000
Resource DB Server CPU	0.5629	0,045361375	0	1.0000
Resource DB Server Disk	0.4250	0,060128900	0	1.0000
Resource Load Balancer	0.4691	0,040754957	0	1.0000
Resource Web Service CPU	0.5374	0,045683370	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.5508	Half Width 0,089110465	Minimum 0	1.0000
Resource App 1 CPU	0.5508	0,089110465	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.5508 0.4029	0,089110465 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.5508 0.4029 0.3374	0,089110465 (Insufficient) 0,042210385	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.5508 0.4029 0.3374 0.3938	0,089110465 (Insufficient) 0,042210385 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.5508 0.4029 0.3374 0.3938 0.5588	0,089110465 (Insufficient) 0,042210385 (Insufficient) 0,051156095	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server	0.5508 0.4029 0.3374 0.3938 0.5588 0.3564	0,089110465 (Insufficient) 0,042210385 (Insufficient) 0,051156095 (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.5508 0.4029 0.3374 0.3938 0.5588 0.3564 0.2510	0,089110465 (Insufficient) 0,042210385 (Insufficient) 0,051156095 (Insufficient) (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.5508 0.4029 0.3374 0.3938 0.5588 0.3564 0.2510 0.5629	0,089110465 (Insufficient) 0,042210385 (Insufficient) 0,051156095 (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

Replication 8 Start Time: 0,00 Stop Time: 200,00 Time Units: Se
--

Resource

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.5508			
Resource App 1 Disk	0.4029			
Resource App 2 CPU	0.3374			
Resource App 2 Disk	0.3938			
Resource App 3 GPU	0.5588			
Resource App 3 Disk	0.3564			
Resource DB Server Cache	0.2510			
Resource DB Server CPU	0.5629			
Resource DB Server Disk	0.4250			
Resource Load Balancer	0.4691			
Resource Web Service CPU	0.5374			

Replication 8 Start Time: 0,00 Stop Time: 200,00 Time Units: Seconds

Resource

Usage

Total Number Seized	Value
Resource App 1 CPU	410.00
Resource App 1 Disk	152.00
Resource App 2 CPU	320.00
Resource App 2 Disk	97.0000
Resource App 3 GPU	592.00
Resource App 3 Disk	156.00
Resource DB Server Cache	135.00
Resource DB Server CPU	1,456.00
Resource DB Server Disk	514.00
Resource Load Balancer	924.00
Resource Web Service CPU	909.00

System

Other

Number Out Value
System 909

Replication 9Start Time:0,00Stop Time:200,00Time Units: Seconds

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	1.0462	0,059237102	0.08205501	9.1537

amed Project				Replications: 10
plication 9	Start Time:	0,00 Stop Time:	200,00	Time Units: Seconds
intity				
Time				
NVA Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	1.2939	(Correlated)	0	11.721
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Other Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	2.3401	(Correlated)	0.08762034	16.518
Other				
Number In	Value			
Entity 1	1,013			
Number Out	Value			
Entity 1	1,000			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	11.7618	(Correlated)	0	29.000
Queue				

Time

of

Replications: 10 **Unnamed Project**

Replication 9 0,00 200,00 Time Units: Seconds Start Time: Stop Time:

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.2077	0,094800471	0	2.5918
App 1 Disk.Queue	0.07911603	(Insufficient)	0	1.9843
App 2 Disk.Queue	0.7376	(Insufficient)	0	5.2343
App 2 CPU.Queue	0.1664	0,054669038	0	1.1404
App 3 Disk.Queue	0.3399	(Insufficient)	0	2.8085
App 3 GPU.Queue	0.5047	(Correlated)	0	4.3181
DB Server Cache.Queue	0.1136	(Insufficient)	0	1.3436
DB Server CPU.Queue	0.1492	0,073103844	0	1.5387
DB Server Disk.Queue	0.1413	0,059657776	0	1.8250
Load Balancer.Queue	0.1211	0,039005247	0	1.7178
Web Service CPU.Queue	0.1388	0,036395842	0	1.0754

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.3489	(Insufficient)	0	8.0000
App 1 Disk.Queue	0.03876686	(Insufficient)	0	2.0000
App 2 Disk.Queue	0.5458	(Insufficient)	0	4.0000
App 2 CPU.Queue	0.3411	0,151983660	0	4.0000
App 3 Disk.Queue	0.3620	(Insufficient)	0	5.0000
App 3 GPU.Queue	1.8166	(Correlated)	0	16.0000
DB Server Cache.Queue	0.0903	(Insufficient)	0	3.0000
DB Server CPU.Queue	1.2285	(Correlated)	0	14.0000
DB Server Disk.Queue	0.4316	0,260260783	0	8.0000
Load Balancer.Queue	0.6142	0,192433187	0	8.0000
Web Service CPU.Queue	0.6939	0,210944365	0	10.0000

Resource

Replications: 10 **Unnamed Project**

Replication 9 0,00 200,00 Time Units: Seconds Start Time: Stop Time:

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.4471	0,074579906	0	1.0000
Resource App 1 Disk	0.2064	(Insufficient)	0	1.0000
Resource App 2 CPU	0.4708	0,069081555	0	1.0000
Resource App 2 Disk	0.5814	(Insufficient)	0	1.0000
Resource App 3 GPU	0.6082	(Correlated)	0	1.0000
Resource App 3 Disk	0.4377	(Insufficient)	0	1.0000
Resource DB Server Cache	0.3024	(Insufficient)	0	1.0000
Resource DB Server CPU	0.6301	0,064605834	0	1.0000
Resource DB Server Disk	0.4879	0,069431305	0	1.0000
Resource Load Balancer	0.5202	0,050903671	0	1.0000
Resource Web Service CPU	0.5581	0,048840242	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.4471	Half Width 0,074579906	Minimum 0	<u>Maximum</u> 1.0000
Resource App 1 CPU	0.4471	0,074579906	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.4471 0.2064	0,074579906 (Insufficient)	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.4471 0.2064 0.4708	0,074579906 (Insufficient) 0,069081555	0 0 0	1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk	0.4471 0.2064 0.4708 0.5814	0,074579906 (Insufficient) 0,069081555 (Insufficient)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU	0.4471 0.2064 0.4708 0.5814 0.6082	0,074579906 (Insufficient) 0,069081555 (Insufficient) (Correlated)	0 0 0 0	1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource App 3 Disk Resource DB Server	0.4471 0.2064 0.4708 0.5814 0.6082 0.4377	0,074579906 (Insufficient) 0,069081555 (Insufficient) (Correlated) (Insufficient)	0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache	0.4471 0.2064 0.4708 0.5814 0.6082 0.4377 0.3024	0,074579906 (Insufficient) 0,069081555 (Insufficient) (Correlated) (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU Resource App 2 Disk Resource App 3 GPU Resource App 3 Disk Resource DB Server Cache Resource DB Server CPU	0.4471 0.2064 0.4708 0.5814 0.6082 0.4377 0.3024	0,074579906 (Insufficient) 0,069081555 (Insufficient) (Correlated) (Insufficient) (Insufficient)	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

proprietation of the start fine. 0,00 stop fine. 200,00 fine onto second	Replication 9	Start Time:	0,00 Stop Time:	200,00 Time Units: Seconds
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Resource

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 1 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 2 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 GPU	1.0000	(Insufficient)	1.0000	1.0000
Resource App 3 Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Cache	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server CPU	1.0000	(Insufficient)	1.0000	1.0000
Resource DB Server Disk	1.0000	(Insufficient)	1.0000	1.0000
Resource Load Balancer	1.0000	(Insufficient)	1.0000	1.0000
Resource Web Service CPU	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Resource App 1 CPU	0.4471			
Resource App 1 Disk	0.2064			
Resource App 2 CPU	0.4708			
Resource App 2 Disk	0.5814			
Resource App 3 GPU	0.6082			
Resource App 3 Disk	0.4377			
Resource DB Server Cache	0.3024			
Resource DB Server CPU	0.6301			
Resource DB Server Disk	0.4879			
Resource Load Balancer	0.5202			
Resource Web Service CPU	0.5581			

Unnamed Project

Replications: 10

Repli	ication 9	Start Time:	0,00	Stop Time:	200,00	Time Units:	Seconds
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Resource

Usage

Total Number Seized	Value
Resource App 1 CPU	336.00
Resource App 1 Disk	98.0000
Resource App 2 CPU	410.00
Resource App 2 Disk	148.00
Resource App 3 GPU	718.00
Resource App 3 Disk	213.00
Resource DB Server Cache	159.00
Resource DB Server CPU	1,647.00
Resource DB Server Disk	611.00
Resource Load Balancer	1,009.00
Resource Web Service CPU	1,000.00

System

Other

Number Out	Value	
System	1,000	