plication 1	Start Time:	0,00 Stop Time:	500,00 Tin	ne Units: Seconds
ntity				
Time				
VA Time	Average	Half Width	Minimum	Maximu
Entity 1	1.0795	0,031238965	0.05261862	8.695
NVA Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	4.5598	(Correlated)	0	34.301
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	5.6393	(Correlated)	0.2483	37.198
Other				
Number In	Value			
Entity 1	3,457			
Number Out	Value			
Entity 1	3,429			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	38.8301	(Correlated)	0	78.000
<u> </u>				

Replication 1 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.4635	0,143223794	0	4.2667
App 1 Disk.Queue	0.2581	0,101048384	0	4.3802
App 2 Disk.Queue	1.2400	0,561297520	0	7.5598
App 2 CPU.Queue	0.3532	0,129550283	0	3.1948
App 3 Disk.Queue	1.1067	(Correlated)	0	8.1520
App 3 GPU.Queue	2.0434	(Correlated)	0	8.4647
DB Server Cache.Queue	0.3198	0,133598792	0	3.7714
DB Server CPU.Queue	0.7928	(Correlated)	0	4.1224
DB Server Disk.Queue	0.5040	(Correlated)	0	3.9734
Load Balancer.Queue	0.2370	0,081160811	0	2.9016
Web Service CPU.Queue	0.4719	0,192397533	0	3.5426

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	1.1921	0,411144539	0	13.0000
App 1 Disk.Queue	0.2039	(Insufficient)	0	4.0000
App 2 Disk.Queue	0.8603	(Correlated)	0	7.0000
App 2 CPU.Queue	0.8131	(Correlated)	0	11.0000
App 3 Disk.Queue	1.5892	(Correlated)	0	15.0000
App 3 GPU.Queue	10.1002	(Correlated)	0	43.0000
DB Server Cache.Queue	0.3640	0,166165226	0	6.0000
DB Server CPU.Queue	9.1432	(Correlated)	0	48.0000
DB Server Disk.Queue	2.2408	0,718883872	0	20.0000
Load Balancer.Queue	1.6382	0,522987982	0	20.0000
Web Service CPU.Queue	3.2419	1,18189	0	28.0000

Resource

Replication 1	Start Time:	0,00 Stop Time:	500,00 Time Units: Seconds
i topiloation i	Otalt Tillo.	0,00 Ctop Time.	000,00 Time office. Occorrae

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.6569	0,055404183	0	1.0000
Resource App 1 Disk	0.3970	0,076399468	0	1.0000
Resource App 2 CPU	0.5650	(Correlated)	0	1.0000
Resource App 2 Disk	0.5963	(Insufficient)	0	1.0000
Resource App 3 GPU	0.9185	(Correlated)	0	1.0000
Resource App 3 Disk	0.6929	(Correlated)	0	1.0000
Resource DB Server Cache	0.4543	0,061897348	0	1.0000
Resource DB Server CPU	0.9211	(Correlated)	0	1.0000
Resource DB Server Disk	0.7592	0,049253392	0	1.0000
Resource Load Balancer	0.6972	0,031931842	0	1.0000
Resource Web Service CPU	0.7847	0,036545010	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.6569	Half Width 0,055404183	Minimum 0	<u>Maximum</u> 1.0000
Resource App 1 CPU	0.6569	0,055404183	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.6569 0.3970	0,055404183 0,076399468	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.6569 0.3970 0.5650	0,055404183 0,076399468 (Correlated)	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	0.6569 0.3970 0.5650 0.5963	0,055404183 0,076399468 (Correlated) (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	0.6569 0.3970 0.5650 0.5963 0.9185	0,055404183 0,076399468 (Correlated) (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	0.6569 0.3970 0.5650 0.5963 0.9185 0.6929	0,055404183 0,076399468 (Correlated) (Insufficient) (Correlated) (Correlated)	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	0.6569 0.3970 0.5650 0.5963 0.9185 0.6929 0.4543	0,055404183 0,076399468 (Correlated) (Insufficient) (Correlated) (Correlated) 0,061897348	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	0.6569 0.3970 0.5650 0.5963 0.9185 0.6929 0.4543	0,055404183 0,076399468 (Correlated) (Insufficient) (Correlated) (Correlated) 0,061897348 (Correlated)	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: 500,00 Time Units: Set

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	0.6569			
Resource App 1 Disk	0.3970			
Resource App 2 CPU	0.5650			
Resource App 2 Disk	0.5963			
Resource App 3 GPU	0.9185			
Resource App 3 Disk	0.6929			
Resource DB Server Cache	0.4543			
Resource DB Server CPU	0.9211			
Resource DB Server Disk	0.7592			
Resource Load Balancer	0.6972			
Resource Web Service CPU	0.7847			

Replication 1 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds

Resource

Usage

Total Number Seized	Value	
Resource App 1 CPU	1,286.00	
Resource App 1 Disk	395.00	
Resource App 2 CPU	1,151.00	
Resource App 2 Disk	346.00	
Resource App 3 GPU	2,464.00	
Resource App 3 Disk	718.00	
Resource DB Server Cache	569.00	
Resource DB Server CPU	5,766.00	
Resource DB Server Disk	2,223.00	
Resource Load Balancer	3,456.00	
Resource Web Service CPU	3,430.00	

System

Other

Number Out Value
System 3,429

Replication 2 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds

Entity

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	1.0800	0.022427834	0.03972310	9.0400

eplication 2	Start Time:	0,00 Stop Time:	500,00 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	Maximui
Entity 1	3.6520	(Correlated)	0	36.120
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	1
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	4.7320	(Correlated)	0.1995	39.555
Other				
Number In	Value			
Entity 1	3,481			
Number Out	Value			
Entity 1	3,453			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	32.8713	(Correlated)	0	72.000

Replications: 5

Unnamed Project

Replication 2Start Time:0,00Stop Time:500,00Time Units:Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.4354	0,117526943	0	3.7171
App 1 Disk.Queue	0.2345	0,074452854	0	2.9224
App 2 Disk.Queue	1.2838	(Correlated)	0	10.4241
App 2 CPU.Queue	0.3641	0,096826001	0	4.1106
App 3 Disk.Queue	1.1583	0,320530679	0	5.0334
App 3 GPU.Queue	1.3518	(Correlated)	0	5.8849
DB Server Cache.Queue	0.4197	(Correlated)	0	2.7874
DB Server CPU.Queue	0.6549	(Correlated)	0	3.5388
DB Server Disk.Queue	0.4315	0,118723383	0	2.5416
Load Balancer.Queue	0.2147	0,044391255	0	2.2409
Web Service CPU.Queue	0.3316	0,067590565	0	2.5066

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	1.0731	0,340963619	0	9.0000
App 1 Disk.Queue	0.1782	(Insufficient)	0	4.0000
App 2 Disk.Queue	1.0462	(Correlated)	0	10.0000
App 2 CPU.Queue	0.9473	0,286380826	0	10.0000
App 3 Disk.Queue	1.7375	0,640809316	0	16.0000
App 3 GPU.Queue	6.7046	(Correlated)	0	28.0000
DB Server Cache.Queue	0.4877	0,191983700	0	8.0000
DB Server CPU.Queue	7.5414	(Correlated)	0	38.0000
DB Server Disk.Queue	1.8745	0,636254627	0	14.0000
Load Balancer.Queue	1.4944	0,359408906	0	20.0000
Web Service CPU.Queue	2.2898	0,580826240	0	21.0000

Resource

7

Replication 2Start Time:0,00Stop Time:500,00Time Units:Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.6532	0,052356236	0	1.0000
Resource App 1 Disk	0.3798	0,049243965	0	1.0000
Resource App 2 CPU	0.6349	0,043872823	0	1.0000
Resource App 2 Disk	0.6756	(Insufficient)	0	1.0000
Resource App 3 GPU	0.8794	(Correlated)	0	1.0000
Resource App 3 Disk	0.7157	0,070921221	0	1.0000
Resource DB Server Cache	0.4730	(Correlated)	0	1.0000
Resource DB Server CPU	0.8998	0,028231617	0	1.0000
Resource DB Server Disk	0.7279	0,047074052	0	1.0000
Resource Load Balancer	0.6953	0,029106467	0	1.0000
Resource Web Service CPU	0.7618	0,031937467	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.6532	Half Width 0,052356236	Minimum 0	<u>Maximum</u> 1.0000
Resource App 1 CPU	0.6532	0,052356236	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.6532 0.3798	0,052356236 0,049243965	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.6532 0.3798 0.6349	0,052356236 0,049243965 0,043872823	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	0.6532 0.3798 0.6349 0.6756	0,052356236 0,049243965 0,043872823 (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	0.6532 0.3798 0.6349 0.6756 0.8794	0,052356236 0,049243965 0,043872823 (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	0.6532 0.3798 0.6349 0.6756 0.8794 0.7157	0,052356236 0,049243965 0,043872823 (Insufficient) (Correlated) 0,070921221	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	0.6532 0.3798 0.6349 0.6756 0.8794 0.7157 0.4730	0,052356236 0,049243965 0,043872823 (Insufficient) (Correlated) 0,070921221 (Correlated)	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	0.6532 0.3798 0.6349 0.6756 0.8794 0.7157 0.4730	0,052356236 0,049243965 0,043872823 (Insufficient) (Correlated) 0,070921221 (Correlated) 0,028231617	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

Start Title. 0.00 Stub Title. 500.00 Title Utilis. Secon	Replication 2	Start Time:	0.00 Stop Time:	500.00 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	0.6532			
Resource App 1 Disk	0.3798			
Resource App 2 CPU	0.6349			
Resource App 2 Disk	0.6756			
Resource App 3 GPU	0.8794			
Resource App 3 Disk	0.7157			
Resource DB Server Cache	0.4730			
Resource DB Server CPU	0.8998			
Resource DB Server Disk	0.7279			
Resource Load Balancer	0.6953			
Resource Web Service CPU	0.7618			

Replications: 5 **Unnamed Project** Replication 2 0,00 Stop Time: 500,00 Time Units: Seconds Start Time: Resource **Usage Total Number Seized** Value Resource App 1 CPU 1,232.00 Resource App 1 Disk 380.00 Resource App 2 CPU 1,301.00 Resource App 2 Disk 405.00 Resource App 3 GPU 2,470.00 Resource App 3 Disk 750.00 Resource DB Server 581.00 Cache Resource DB Server CPU 5,751.00 Resource DB Server Disk 2,172.00 Resource Load Balancer 3,481.00 Resource Web Service 3,453.00 CPU **System Other** Value **Number Out** System 3,453 Replication 3 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds **Entity Time** Half Width **VA Time** Average Minimum Maximum Entity 1 1.0630 0.05761004 10.5279

0,033555026

eplication 3	Start Time:	0,00 Stop Time:	500,00 Time U	Inits: Seconds
Entity				
Time				
NVA Time	Average	Half Width	Minimum	Maximur
Entity 1	0	0,00000000	0	1
Wait Time	Average	Half Width	Minimum	Maximu
Entity 1	3.6510	(Correlated)	0	29.780
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	4.7140	(Correlated)	0.2414	40.263
Other				
Number In	Value			
Entity 1	3,431			
Number Out	Value			
Entity 1	3,404			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	32.2175	(Correlated)	0	68.000

Replications: 5 **Unnamed Project**

Replication 3 0,00 500,00 Time Units: Seconds Start Time: Stop Time:

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.3621	0,108308770	0	2.8213
App 1 Disk.Queue	0.2653	0,096350880	0	2.8214
App 2 Disk.Queue	1.2768	0,638989975	0	10.3794
App 2 CPU.Queue	0.4398	(Correlated)	0	3.7724
App 3 Disk.Queue	0.7014	0,161850579	0	4.6591
App 3 GPU.Queue	1.4157	(Correlated)	0	5.6267
DB Server Cache.Queue	0.2206	0,059073749	0	2.6430
DB Server CPU.Queue	0.7276	(Correlated)	0	3.9455
DB Server Disk.Queue	0.3923	0,136481144	0	3.4752
Load Balancer.Queue	0.2282	0,047614981	0	1.6923
Web Service CPU.Queue	0.3136	0,060764230	0	2.2857

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.9061	0,300256534	0	11.0000
App 1 Disk.Queue	0.2085	(Insufficient)	0	4.0000
App 2 Disk.Queue	0.9527	0,497133573	0	11.0000
App 2 CPU.Queue	1.1082	(Correlated)	0	14.0000
App 3 Disk.Queue	1.0240	0,224435087	0	9.0000
App 3 GPU.Queue	6.8372	(Correlated)	0	28.0000
DB Server Cache.Queue	0.2321	0,073750779	0	5.0000
DB Server CPU.Queue	8.2819	(Correlated)	0	45.0000
DB Server Disk.Queue	1.7081	0,729078942	0	18.0000
Load Balancer.Queue	1.5656	0,385189847	0	16.0000
Web Service CPU.Queue	2.1348	0,452007393	0	15.0000

Resource

Replication 3Start Time:0,00Stop Time:500,00Time Units:Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.5939	0,047230826	0	1.0000
Resource App 1 Disk	0.3975	0,068697518	0	1.0000
Resource App 2 CPU	0.6294	0,044922158	0	1.0000
Resource App 2 Disk	0.6189	(Insufficient)	0	1.0000
Resource App 3 GPU	0.8806	(Correlated)	0	1.0000
Resource App 3 Disk	0.6920	0,060859319	0	1.0000
Resource DB Server Cache	0.4005	0,041570512	0	1.0000
Resource DB Server CPU	0.8913	0,034034203	0	1.0000
Resource DB Server Disk	0.6978	(Correlated)	0	1.0000
Resource Load Balancer	0.7003	0,037989478	0	1.0000
Resource Web Service CPU	0.7562	(Correlated)	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.5939	Half Width 0,047230826	Minimum 0	<u>Maximum</u> 1.0000
Resource App 1 CPU	0.5939	0,047230826	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.5939 0.3975	0,047230826 0,068697518	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.5939 0.3975 0.6294	0,047230826 0,068697518 0,044922158	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	0.5939 0.3975 0.6294 0.6189	0,047230826 0,068697518 0,044922158 (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	0.5939 0.3975 0.6294 0.6189 0.8806	0,047230826 0,068697518 0,044922158 (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	0.5939 0.3975 0.6294 0.6189 0.8806 0.6920	0,047230826 0,068697518 0,044922158 (Insufficient) (Correlated) 0,060859319	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	0.5939 0.3975 0.6294 0.6189 0.8806 0.6920 0.4005	0,047230826 0,068697518 0,044922158 (Insufficient) (Correlated) 0,060859319 0,041570512	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	0.5939 0.3975 0.6294 0.6189 0.8806 0.6920 0.4005	0,047230826 0,068697518 0,044922158 (Insufficient) (Correlated) 0,060859319 0,041570512	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

Replication 3	Start Time:	0,00 Stop Time:	500,00 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	0.5939			
Resource App 1 Disk	0.3975			
Resource App 2 CPU	0.6294			
Resource App 2 Disk	0.6189			
Resource App 3 GPU	0.8806			
Resource App 3 Disk	0.6920			
Resource DB Server Cache	0.4005			
Resource DB Server CPU	0.8913			
Resource DB Server Disk	0.6978			
Resource Load Balancer	0.7003			
Resource Web Service CPU	0.7562			

Replications: 5 **Unnamed Project** Replication 3 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds Resource **Usage Total Number Seized** Value Resource App 1 CPU 1,251.00 Resource App 1 Disk 393.00 Resource App 2 CPU 1,256.00 Resource App 2 Disk 373.00 Resource App 3 GPU 2,399.00 Resource App 3 Disk 730.00 Resource DB Server 526.00 Cache Resource DB Server CPU 5,691.00 Resource DB Server Disk 2,177.00 Resource Load Balancer 3,430.00 Resource Web Service 3,404.00 CPU **System Other** Value **Number Out** System 3,404

L ntity

Time

Replication 4

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	1.0731	0.035184882	0.05670491	12.0922

0,00

Stop Time:

Start Time:

Time Units: Seconds

500,00

plication 4	Start Time:	0,00 Stop Time:	500,00 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	Maximur
Entity 1	3.7603	(Correlated)	0	37.7817
Transfer Time	Average	Half Width	Minimum	Maximur
Entity 1	0	0,00000000	0	(
Other Time	Average	Half Width	Minimum	Maximur
Entity 1	0	0,00000000	0	(
Total Time	Average	Half Width	Minimum	Maximur
Entity 1	4.8335	(Correlated)	0.2863	41.966
Other				
Number In	Value			
Entity 1	3,460			
Number Out	Value			
Entity 1	3,436			
WIP	Average	Half Width	Minimum	Maximur
Entity 1	33.4189	(Correlated)	0	72.000

Replication 4 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.4412	0,140924115	0	3.5801
App 1 Disk.Queue	0.3242	0,118882692	0	4.1895
App 2 Disk.Queue	1.4196	0,533351490	0	8.7077
App 2 CPU.Queue	0.4005	(Correlated)	0	2.5878
App 3 Disk.Queue	1.1936	(Correlated)	0	9.6500
App 3 GPU.Queue	1.6031	(Correlated)	0	6.4433
DB Server Cache.Queue	0.3538	0,105664867	0	2.8111
DB Server CPU.Queue	0.5728	0,149887594	0	2.8365
DB Server Disk.Queue	0.3830	0,085928029	0	2.4801
Load Balancer.Queue	0.2187	0,052425260	0	1.9516
Web Service CPU.Queue	0.4049	0,125992729	0	3.0510

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	1.1073	0,344344450	0	12.0000
App 1 Disk.Queue	0.2661	(Insufficient)	0	5.0000
App 2 Disk.Queue	1.0700	0,408728863	0	7.0000
App 2 CPU.Queue	1.0116	0,364741559	0	10.0000
App 3 Disk.Queue	1.8430	1,15960	0	20.0000
App 3 GPU.Queue	7.9576	(Correlated)	0	31.0000
DB Server Cache.Queue	0.3744	0,124657635	0	6.0000
DB Server CPU.Queue	6.4583	1,68017	0	32.0000
DB Server Disk.Queue	1.6030	0,412862417	0	11.0000
Load Balancer.Queue	1.5133	0,365129795	0	20.0000
Web Service CPU.Queue	2.7842	0,860960712	0	21.0000

Resource

Replication 4 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.6502	0,050875756	0	1.0000
Resource App 1 Disk	0.3991	0,055235379	0	1.0000
Resource App 2 CPU	0.6311	0,056944784	0	1.0000
Resource App 2 Disk	0.6405	(Insufficient)	0	1.0000
Resource App 3 GPU	0.9126	(Correlated)	0	1.0000
Resource App 3 Disk	0.6953	0,074394099	0	1.0000
Resource DB Server Cache	0.4650	0,058155312	0	1.0000
Resource DB Server CPU	0.8866	0,033312576	0	1.0000
Resource DB Server Disk	0.7030	0,046265772	0	1.0000
Resource Load Balancer	0.6903	0,032023073	0	1.0000
Resource Web Service CPU	0.7562	0,034797542	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.6502	Half Width 0,050875756	Minimum 0	1.0000
Resource App 1 CPU	0.6502	0,050875756	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.6502 0.3991	0,050875756 0,055235379	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.6502 0.3991 0.6311	0,050875756 0,055235379 0,056944784	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	0.6502 0.3991 0.6311 0.6405	0,050875756 0,055235379 0,056944784 (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	0.6502 0.3991 0.6311 0.6405 0.9126	0,050875756 0,055235379 0,056944784 (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	0.6502 0.3991 0.6311 0.6405 0.9126 0.6953	0,050875756 0,055235379 0,056944784 (Insufficient) (Correlated) 0,074394099	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	0.6502 0.3991 0.6311 0.6405 0.9126 0.6953 0.4650	0,050875756 0,055235379 0,056944784 (Insufficient) (Correlated) 0,074394099 0,058155312	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	0.6502 0.3991 0.6311 0.6405 0.9126 0.6953 0.4650	0,050875756 0,055235379 0,056944784 (Insufficient) (Correlated) 0,074394099 0,058155312 0,033312576	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

Replication 4 Start Time: 0,00 Stor	p Time: 500,00 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	0.6502			
Resource App 1 Disk	0.3991			
Resource App 2 CPU	0.6311			
Resource App 2 Disk	0.6405			
Resource App 3 GPU	0.9126			
Resource App 3 Disk	0.6953			
Resource DB Server Cache	0.4650			
Resource DB Server CPU	0.8866			
Resource DB Server Disk	0.7030			
Resource Load Balancer	0.6903			
Resource Web Service CPU	0.7562			

Replication 4 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds

Resource

Usage

Total Number Seized	Value
Resource App 1 CPU	1,255.00
Resource App 1 Disk	394.00
Resource App 2 CPU	1,257.00
Resource App 2 Disk	375.00
Resource App 3 GPU	2,482.00
Resource App 3 Disk	772.00
Resource DB Server Cache	529.00
Resource DB Server CPU	5,637.00
Resource DB Server Disk	2,093.00
Resource Load Balancer	3,460.00
Resource Web Service CPU	3,437.00

System

Other

Number Out Value
System 3,436

Replication 5 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds

Entity

VA Time	Average	Half Width	Minimum	Maximum	
Entity 1	1.0387	0,020883862	0.04052950	11.4447	

plication 5	Start Time:	0,00 Stop Time:	500,00 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	2.7562	0,330103453	0	29.983
Transfer Time	Average	Half Width	Minimum	Maximu
Entity 1	0	0,00000000	0	(
Other Time	Average	Half Width	Minimum	Maximur
Entity 1	0	0,00000000	0	
Total Time	Average	Half Width	Minimum	Maximu
Entity 1	3.7949	0,335791309	0.1764	35.214
Other				
Number In	Value			
Entity 1	3,474			
Number Out	Value			
Entity 1	3,451			
WIP	Average	Half Width	Minimum	Maximu
Entity 1	26.3208	(Correlated)	0	49.000

Replications: 5

Unnamed Project

Replication 5 Start Time: 0,00 Stop Time: 500,00 Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.3558	0,091205195	0	2.9887
App 1 Disk.Queue	0.2196	0,117757553	0	3.8995
App 2 Disk.Queue	1.1699	0,509308639	0	7.6205
App 2 CPU.Queue	0.3738	(Correlated)	0	3.1470
App 3 Disk.Queue	0.6991	0,215131084	0	5.3846
App 3 GPU.Queue	0.6629	(Correlated)	0	3.6347
DB Server Cache.Queue	0.3684	0,100197960	0	3.7296
DB Server CPU.Queue	0.5695	0,159867789	0	2.5741
DB Server Disk.Queue	0.3591	0,124178854	0	3.8012
Load Balancer.Queue	0.2271	0,028283647	0	1.6214
Web Service CPU.Queue	0.3220	0,076618703	0	1.8244

Other

Number Waiting	Average	Half Width	Minimum	Maximum
App 1 CPU.Queue	0.9242	0,237833885	0	8.0000
App 1 Disk.Queue	0.1723	(Insufficient)	0	4.0000
App 2 Disk.Queue	0.8483	(Correlated)	0	7.0000
App 2 CPU.Queue	0.9173	0,294590732	0	15.0000
App 3 Disk.Queue	0.9222	0,302894354	0	9.0000
App 3 GPU.Queue	3.1095	0,648606486	0	18.0000
DB Server Cache.Queue	0.4008	0,151603070	0	7.0000
DB Server CPU.Queue	6.4898	1,66771	0	29.0000
DB Server Disk.Queue	1.5235	0,566288699	0	16.0000
Load Balancer.Queue	1.5778	0,234359083	0	15.0000
Web Service CPU.Queue	2.2223	0,478214834	0	18.0000

Resource

Replication 5Start Time:0,00Stop Time:500,00Time Units:Seconds

Resource

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource App 1 CPU	0.6282	0,050605865	0	1.0000
Resource App 1 Disk	0.3655	0,054548314	0	1.0000
Resource App 2 CPU	0.6162	0,053046151	0	1.0000
Resource App 2 Disk	0.6349	(Insufficient)	0	1.0000
Resource App 3 GPU	0.8430	0,039226432	0	1.0000
Resource App 3 Disk	0.6312	0,062390326	0	1.0000
Resource DB Server Cache	0.4604	0,055389647	0	1.0000
Resource DB Server CPU	0.8887	0,031639787	0	1.0000
Resource DB Server Disk	0.6896	0,050505921	0	1.0000
Resource Load Balancer	0.7000	0,028829560	0	1.0000
Resource Web Service CPU	0.7552	0,034083122	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Number Busy Resource App 1 CPU	Average 0.6282	Half Width 0,050605865	Minimum 0	<u>Maximum</u> 1.0000
	-			
Resource App 1 CPU	0.6282	0,050605865	0	1.0000
Resource App 1 CPU Resource App 1 Disk	0.6282 0.3655	0,050605865 0,054548314	0 0	1.0000 1.0000
Resource App 1 CPU Resource App 1 Disk Resource App 2 CPU	0.6282 0.3655 0.6162	0,050605865 0,054548314 0,053046151	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	0.6282 0.3655 0.6162 0.6349	0,050605865 0,054548314 0,053046151 (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	0.6282 0.3655 0.6162 0.6349 0.8430	0,050605865 0,054548314 0,053046151 (Insufficient) 0,039226432	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	0.6282 0.3655 0.6162 0.6349 0.8430 0.6312	0,050605865 0,054548314 0,053046151 (Insufficient) 0,039226432 0,062390326	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	0.6282 0.3655 0.6162 0.6349 0.8430 0.6312 0.4604	0,050605865 0,054548314 0,053046151 (Insufficient) 0,039226432 0,062390326 0,055389647	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	0.6282 0.3655 0.6162 0.6349 0.8430 0.6312 0.4604	0,050605865 0,054548314 0,053046151 (Insufficient) 0,039226432 0,062390326 0,055389647 0,031639787	0 0 0 0 0 0	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000

R	eplication 5	Start Time:	0.00	Stop Time:	500.00	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	0.6282			
Resource App 1 Disk	0.3655			
Resource App 2 CPU	0.6162			
Resource App 2 Disk	0.6349			
Resource App 3 GPU	0.8430			
Resource App 3 Disk	0.6312			
Resource DB Server Cache	0.4604			
Resource DB Server CPU	0.8887			
Resource DB Server Disk	0.6896			
Resource Load Balancer	0.7000			
Resource Web Service CPU	0.7552			

Unnamed Project

Replications: 5

Replication 5 Start Tim	e: 0,00 Stop Tim	e: 500,00 Time Units: Seconds
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Resource

Usage

Total Number Seized	Value
Resource App 1 CPU	1,299.00
Resource App 1 Disk	389.00
Resource App 2 CPU	1,227.00
Resource App 2 Disk	361.00
Resource App 3 GPU	2,345.00
Resource App 3 Disk	653.00
Resource DB Server Cache	544.00
Resource DB Server CPU	5,694.00
Resource DB Server Disk	2,121.00
Resource Load Balancer	3,474.00
Resource Web Service CPU	3,451.00

System

Other

Number Out	Value	
System	3,451	