Unnamed Project

Replications: 5 Time Units: Seconds

Key Performance Indicators

System Average
Number Out 1,006

Model Filename: C:\Users\Hadrizia\Desktop\projeto_simulacao

Category Overview

Values Across All Replications

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Entity

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VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	1.0616	0,06	1.0209	1.1352	0.04939155	10.0022
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	0.00	0,00	0.00	0.00	0.00	0.00
Wait Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	0.2610	0,05	0.1998	0.3059	0.00	5.5775
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	0.00	0,00	0.00	0.00	0.00	0.00
Other Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	0.00	0,00	0.00	0.00	0.00	0.00
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	1.3225	0,10	1.2207	1.4411	0.05326287	11.0603
Other						
Number In	Average	Half Width	Minimum Average	Maximum Average		
Entity 1	1010.20	43,14	973.00	1051.00		
Number Out	Average	Half Width	Minimum Average	Maximum Average		
Entity 1	1006.00	44,38	967.00	1048.00		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	2.6770	0,30	2.4004	3.0313	0.00	12.0000

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
App 1 CPU.Queue	0.05035400	0,02	0.03305382	0.06592551	0.00	2.0252
App 1 Disk.Queue	0.04940063	0,02	0.02805441	0.07909881	0.00	1.4495
App 2 Disk.Queue	0.1806	0,07	0.1321	0.2400	0.00	5.3271
App 2 CPU.Queue	0.04844782	0,01	0.03523257	0.06152869	0.00	1.8635
App 3 Disk.Queue	0.0928	0,05	0.04175366	0.1389	0.00	3.1273
App 3 GPU.Queue	0.06249299	0,02	0.04167226	0.08261193	0.00	1.5976
DB Server Cache.Queue	0.06703371	0,03	0.03992151	0.0959	0.00	2.4275
DB Server CPU.Queue	0.02558815	0,01	0.01917451	0.03162507	0.00	0.9292
DB Server Disk.Queue	0.04293525	0,02	0.02801743	0.07104677	0.00	1.6669
Load Balancer.Queue	0.02229404	0,01	0.01365949	0.02617102	0.00	1.0480
Web Service CPU.Queue	0.03169390	0,01	0.02204952	0.04021232	0.00	1.4770

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
App 1 CPU.Queue	0.03599339	0,01	0.02485648	0.04891673	0.00	4.0000
App 1 Disk.Queue	0.01151277	0,01	0.00605975	0.01970417	0.00	2.0000
App 2 Disk.Queue	0.04015701	0,02	0.02654504	0.06558678	0.00	3.0000
App 2 CPU.Queue	0.03533486	0,01	0.02219652	0.04557099	0.00	4.0000
App 3 Disk.Queue	0.04120331	0,03	0.01686848	0.06861707	0.00	4.0000
App 3 GPU.Queue	0.0919	0,04	0.05792444	0.1277	0.00	6.0000
DB Server Cache.Queue	0.02259004	0,01	0.01261520	0.03318547	0.00	2.0000
DB Server CPU.Queue	0.08636023	0,02	0.06178028	0.1111	0.00	6.0000
DB Server Disk.Queue	0.05600987	0,03	0.03244419	0.0975	0.00	6.0000
Load Balancer.Queue	0.04510932	0,01	0.02682724	0.05102068	0.00	5.0000
Web Service CPU.Queue	0.06438020	0,02	0.04303683	0.08340036	0.00	5.0000

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Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Resource App 1 CPU	0.1712	0,01	0.1666	0.1764	0.00	1.0000
Resource App 1 Disk	0.1184	0,03	0.0953	0.1409	0.00	1.0000
Resource App 2 CPU	0.1785	0,02	0.1565	0.2073	0.00	1.0000
Resource App 2 Disk	0.1819	0,03	0.1548	0.2248	0.00	1.0000
Resource App 3 GPU	0.2600	0,02	0.2366	0.2841	0.00	1.0000
Resource App 3 Disk	0.1921	0,04	0.1628	0.2471	0.00	1.0000
Resource DB Server Cache	0.1457	0,02	0.1268	0.1622	0.00	1.0000
Resource DB Server CPU	0.2644	0,02	0.2399	0.2822	0.00	1.0000
Resource DB Server Disk	0.2097	0,02	0.1882	0.2302	0.00	1.0000
Resource Load Balancer	0.1983	0,01	0.1822	0.2087	0.00	1.0000
Resource Web Service CPU	0.2265	0,02	0.2031	0.2432	0.00	1.0000
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Resource App 1 CPU	0.1712	0,01	0.1666	0.1764	0.00	1.0000
Resource App 1 Disk	0.1184	0,03	0.0953	0.1409	0.00	1.0000
Resource App 2 CPU	0.1785	0,02	0.1565	0.2073	0.00	1.0000
Resource App 2 Disk	0.1819	0,03	0.1548	0.2248	0.00	1.0000
Resource App 3 GPU	0.2600	0,02	0.2366	0.2841	0.00	1.0000
Resource App 3 Disk	0.1921	0,04	0.1628	0.2471	0.00	1.0000
Resource DB Server Cache	0.1457	0,02	0.1268	0.1622	0.00	1.0000
Resource DB Server CPU	0.2644	0,02	0.2399	0.2822	0.00	1.0000
Resource DB Server Disk	0.2097	0,02	0.1882	0.2302	0.00	1.0000
Resource Load Balancer	0.1983	0,01	0.1822	0.2087	0.00	1.0000
Resource Web Service CPU						

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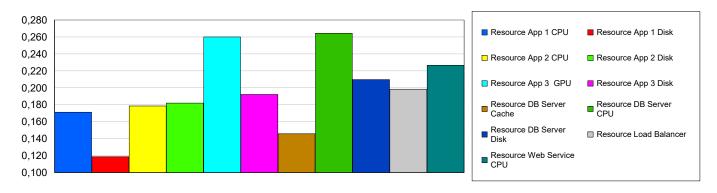
Replications: 5 Time Units: Seconds

Resource

Usage

Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Resource App 1 CPU	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource App 1 Disk	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource App 2 CPU	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource App 2 Disk	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource App 3 GPU	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource App 3 Disk	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource DB Server Cache	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource DB Server CPU	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource DB Server Disk	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource Load Balancer	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Resource Web Service CPU	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Scheduled Utilization			Minimum	Maximum		

Scheduled Othization	Average	Half Width	Average	Average	
Resource App 1 CPU	0.1712	0,01	0.1666	0.1764	
Resource App 1 Disk	0.1184	0,03	0.0953	0.1409	
Resource App 2 CPU	0.1785	0,02	0.1565	0.2073	
Resource App 2 Disk	0.1819	0,03	0.1548	0.2248	
Resource App 3 GPU	0.2600	0,02	0.2366	0.2841	
Resource App 3 Disk	0.1921	0,04	0.1628	0.2471	
Resource DB Server Cache	0.1457	0,02	0.1268	0.1622	
Resource DB Server CPU	0.2644	0,02	0.2399	0.2822	
Resource DB Server Disk	0.2097	0,02	0.1882	0.2302	
Resource Load Balancer	0.1983	0,01	0.1822	0.2087	
Resource Web Service CPU	0.2265	0,02	0.2031	0.2432	



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Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Resource App 1 CPU	359.00	20,87	341.00	376.00
Resource App 1 Disk	112.40	18,19	98.0000	134.00
Resource App 2 CPU	360.40	50,22	315.00	422.00
Resource App 2 Disk	109.40	21,87	95.0000	139.00
Resource App 3 GPU	728.00	36,34	695.00	773.00
Resource App 3 Disk	216.60	22,73	202.00	247.00
Resource DB Server Cache	167.20	9,01	158.00	176.00
Resource DB Server CPU	1681.40	104,51	1611.00	1789.00
Resource DB Server Disk	641.40	68,78	579.00	712.00
Resource Load Balancer	1010.20	43,14	973.00	1051.00
Resource Web Service CPU	1006.60	44,16	968.00	1049.00

