

VOA - Performance

Object:	vSphere World
Report Time:	14 April 2025 at 19:02:48 GMT+08:00
Run by:	admin

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1. Report: VM Performance

VM Contention at 99th Percentile

	Average of all VMs	Worst of all VMs
The VM Peak Memory Contention at the 99th percentile of entire collection period	21.59 %	101.18 %
The VM Peak Disk Latency at the 99th percentile of entire collection period	1,938.69 ms	59,061 ms
The VM Peak CPU Ready at the 99th percentile of entire collection period	0.91 %	3.79 %

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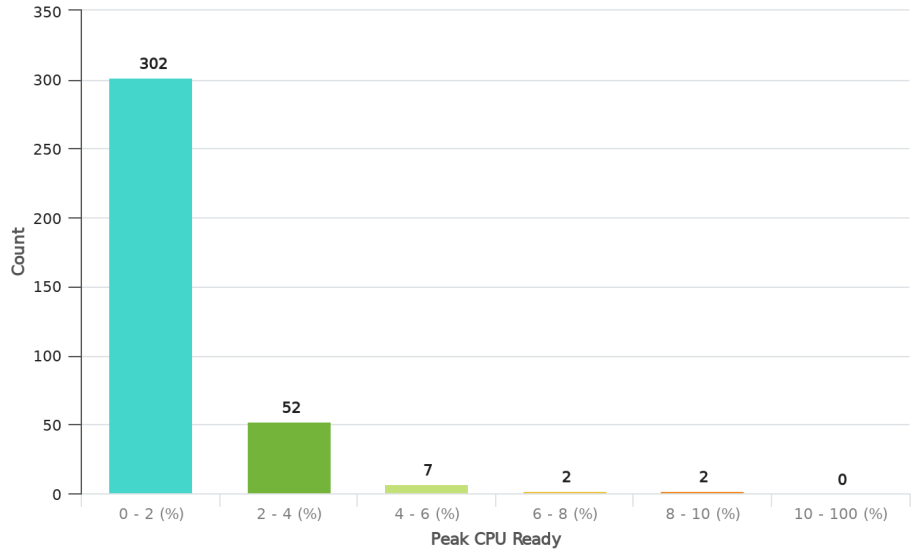
Explanation

The Summary table works in 2 steps. First across time, then across VMs.

In the first step, each VM is measured across time. It calculates the VM memory contention (%) at the 99th percentile of the reporting period. For example, if there are 100 data points, it takes the 99th worst data.

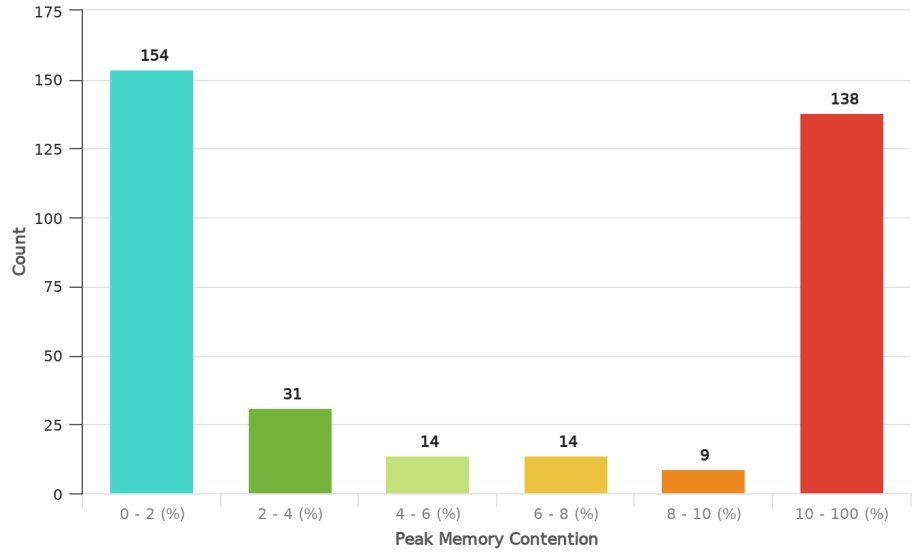
In the second step, it takes the average of all VMs. As a leading indicator, it also takes the worst of all these 99th percentile data.

CPU Performance



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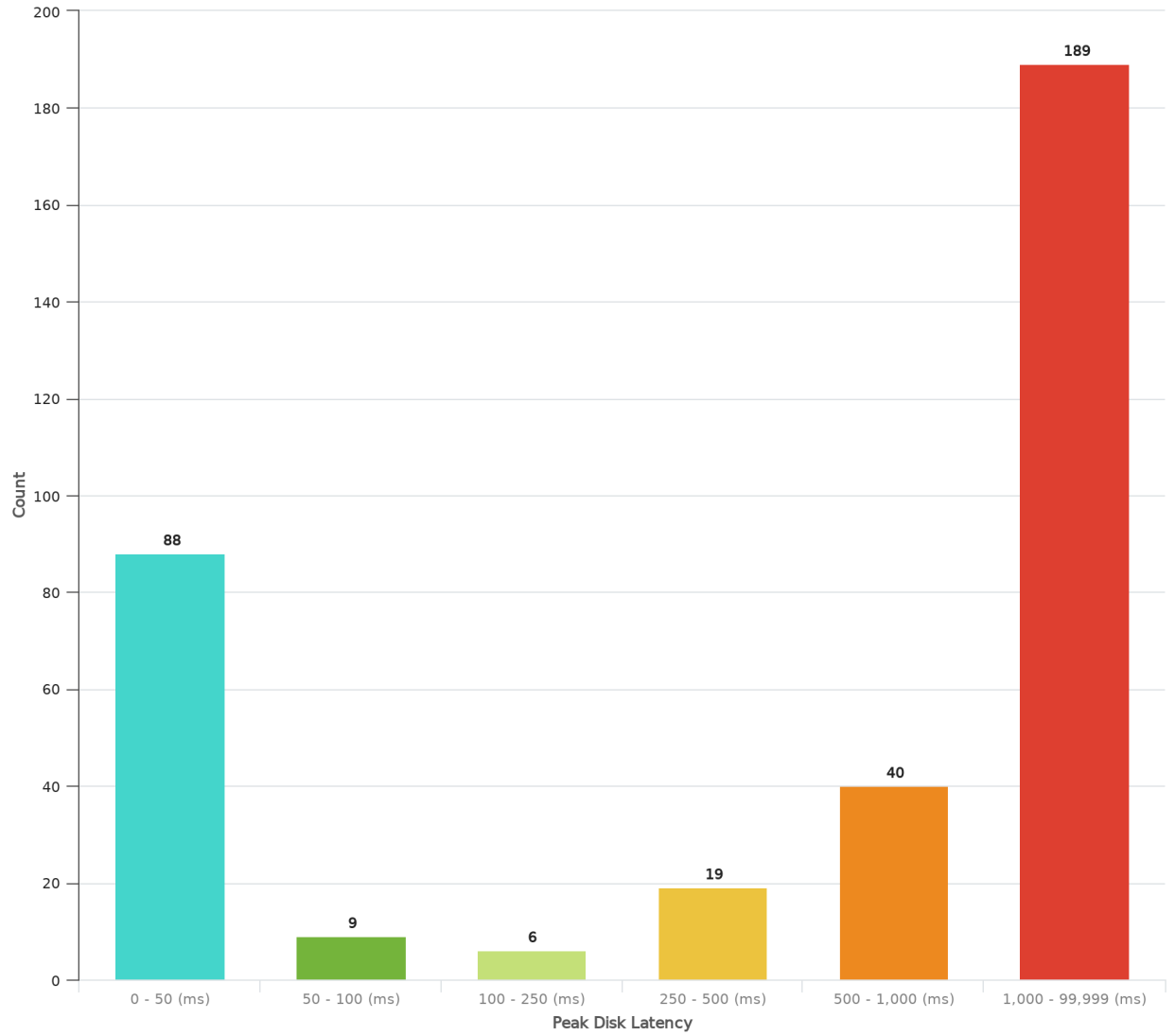
Memory Performance



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2. Report: VM Performance (page 2)

Storage Performance



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Top-10 Highest IOPS

Total IOPS (99 th Percentile)	Objects
4,877.1	kshahgeldyan-nsx-4.1
711.6	Operations-Logs-Appliance-9.0.0.0.833
685.2	vRNI_Platform_10.119.164.15
653.1	VCF-Ops latest-main
643.8	vRNI-614-Platform
641	lkocharyan-vROps-8.18.1
627.1	vrni-platform
582.9	vcfa-mgmt-xgvbq

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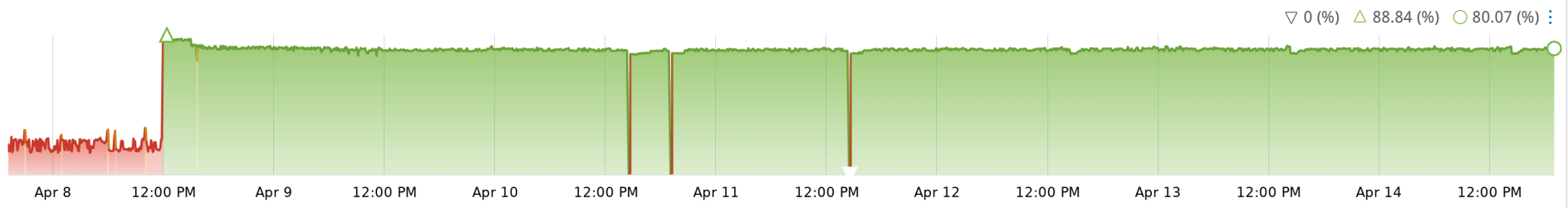
Top-10 Highest Throughput

Total Throughput (MBps) (99 th Percentile)	Objects
1.7	kshahgeldyan-nsx-4.1
67.7	ARM-ESO-OPS-main_84788503_2_14-04
67.4	ARM-ESO-CP-main_84788526_2_14-04-
41.1	ARM-ESO-LI-main_84788531_2_14-04-2
38.6	vcfa-mgmt-xgvbq
37.5	aveziryan-vim-failover
37.5	vcfa-mgmt-gn425
36.3	LI.Next

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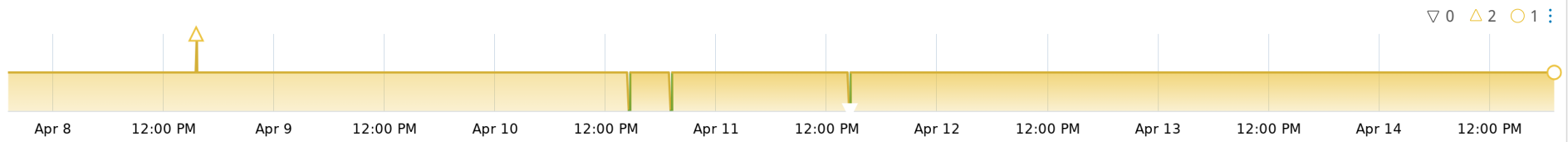
3. Report: vSphere Compute Performance

Average Performance of All Clusters



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Count of Clusters not in Green zone



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Top-10 Cluster CPU Ready

VM CPU Ready (%)	Objects	VMs	ESXi
2.2	Cluster1-eso-vc1	354	8
1.4	VsanEnabledClientCluster1	?	?
1.3	VsanEnabledClientCluster2	?	?
1.2	StandardESACluster	?	?
0.8	ComputeClientCluster1	?	?
0.8	ComputeClientCluster2	?	?
0.4	StorageCluster	?	?

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Top-10 Cluster Memory Latency

Memory Contention (%)	Objects	VMs	ESXi
0.1	Cluster1-eso-vc1	354	8
0	VsanEnabledClientCluster2	?	?
0	StorageCluster	?	?
0	VsanEnabledClientCluster1	?	?
0	ComputeClientCluster2	?	?
0	StandardESACluster	?	?
0	ComputeClientCluster1	?	?

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4. Report: vSphere Compute Performance (page 2)

Top-15 Cluster CPU Utilization

CPU Utilization (%)	Objects	VMs	ESXi
21.7	Cluster1-eso-vc1	354	8

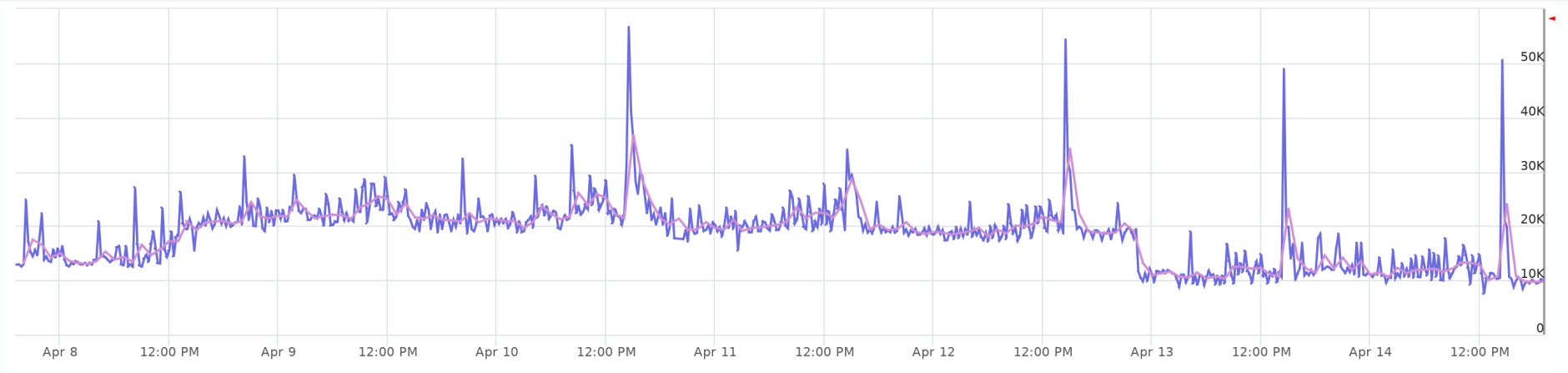
Top-15 Cluster Memory Ballooning

VM CPU Ready (%)	Objects	VMs	ESXi
13	Cluster1-eso-vc1	354	8
0	VsanEnabledClientCluster2	?	?
0	StorageCluster	?	?
0	VsanEnabledClientCluster1	?	?
0	ComputeClientCluster2	?	?
0	StandardESACluster	?	?
0	ComputeClientCluster1	?	?

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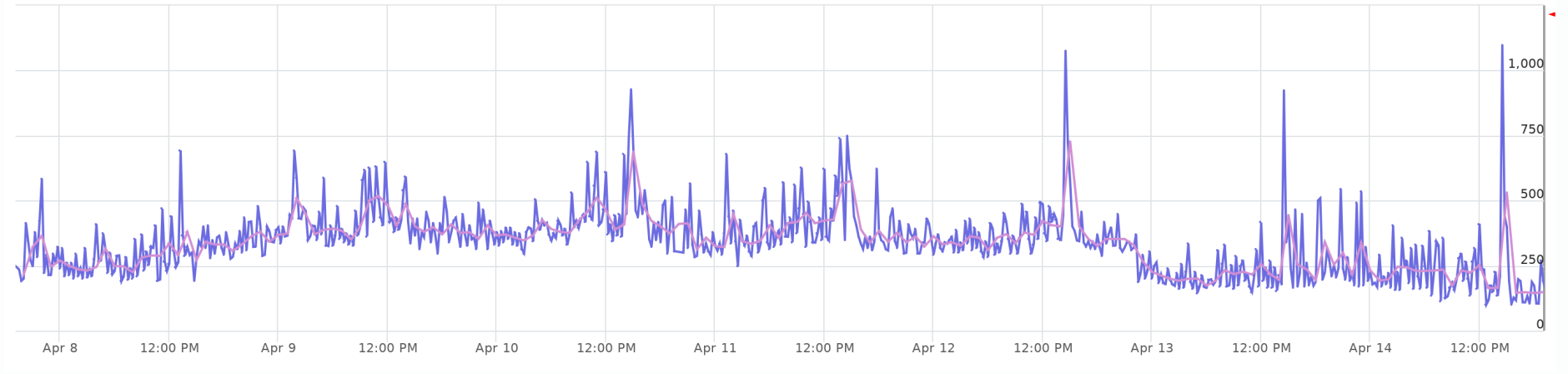
5. Report: vSphere Storage Performance

Total IOPS



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Total Throughput (MB/s)



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6. Report: vSphere Storage Performance (page 2)

Top-10 Worst Datastore Read Latency

Read Latency (ms)	Objects	VMs	ESXi
8.8	DS1-HS1-Unity	164	8
5.4	DS2-HS1-Unity	47	8
4.9	DS3-HS1-Unity	60	8
0.7	vsanDatastore	90	8

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Top-10 Worst Datastore Read Latency

Read Latency (ms)	Objects	VMs	ESXi
8.8	DS1-HS1-Unity	164	8
5.4	DS2-HS1-Unity	47	8
4.9	DS3-HS1-Unity	60	8
0.7	vsanDatastore	90	8

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Top-10 Datastore Reads/second

Read IOPS	Objects	VMs	ESXi
1,360.6	DS1-HS1-Unity	164	8
625	vsanDatastore	90	8
484.2	DS3-HS1-Unity	60	8
243.3	DS2-HS1-Unity	47	8

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Top-10 Datastore Writes/second

Writes/second	Objects	VMs	ESXi
2,273.4	DS1-HS1-Unity	164	8
1,089.7	vsanDatastore	90	8
1,081.6	DS3-HS1-Unity	60	8
473.5	DS2-HS1-Unity	47	8

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