Current State - RDBMS

Memory: 382.6 GB

CPU: 48vCPU, 24 physical

Storage: 3727.336 GB

Topology: 1 Primary, 1 Secondary

MongoDB - Like for Like

RDBMS

Memory: 382.6 GB

CPU: 48vCPU, 24 physical

Storage: 3727.336 GB

Topology: 1 Primary, 1 Secondary

MongoDB

Memory: 382.6 GB

CPU: 48vCPU

Storage: 3727.336 GB

Topology: 1 Primary, 2 Secondary

Atlas Tier: m300(384GB, 48vCPU), 2048GB Disk

MongoDB - Optimized

RDBMS

Memory: 382.6 GB

CPU: 48vCPU, 24 physical

Storage: 3727.336 GB

Topology: 1 Primary, 1 Secondary

MongoDB

Memory: 191 GB

CPU: 24vCPU

Storage:1229.91 GB

Topology: 1 Primary, 2 Secondary

Atlas Tier: r80(128GB, 16vCPU) or m80(128GB, 32vCPU), 2048GB Disk

Notes: Typically see MongoDB deployments use about 50% of the resources of an RDBMS deployment for same application. Storage is typically compressed around 67%. CPU is not usually a performance bottleneck, though depends on the queries and their efficiency. CPU is usually most impacted by aggregations($lookup and $sort) and unoptimized queries, such as those doing an in-memory sort with no supporting index.

	Device Name	Make	Model	Serial #	IP Address	Status	Matched On
Select	SVCKSA69901AFK	Dell Inc.	PowerEdge R740xd	HH5N2N3	156.36.222.163	In Use	Device Name

General Information

[Automated Field History](#)   [Manual Field History](#)

Device Name SVCKSA69901AFK			
		Ticket Info Alerts	
Device Type SERVER		**Sub Type** CLUSTER NODE	
Life Cycle In Use		**Hardware Status** In use ⓘ	
Security Enclave False	Edit	**Environment** PRODUCTION	

Hardware Information   To request this information be manually updated please use the Data Change Request form at the bottom of the page.

Make Dell Inc.	**Model** PowerEdge R740xd
Serial Number HH5N2N3	**Model Number** 210-AKZR
Asset Tag TAG001037266	**Model Redeploy Status** Redeploy
Enclosure	**Enclosure Slot**
Memory (GB) 382.6	**Memory Stick Count** 12
Processor Type Intel(R) Xeon(R) Gold 6246 CPU @ 3.30GHz	**Processor Speed** 3,300
Socketed Processors 2	**Logical Processors** 48
Cores Per Processor 12	**gCp**

Operating System Information   To request this information be manually updated please use the Data Change Request form at the bottom of the page.

OS Name Windows Server 2019 Standard Edition	**OS Service Pack**
OS Version 10.0.17763	

Location Information   [On Demand Update](#)

View

Site Code A699	**Site Name** Olathe Business Center
Floor 1	**Room** Pod 2
Cabinet AP-100	

Owner and Ticketing Information

OS Owner MR_Corp Sys	**OS Patching Owner**
Level 2 Support NOC_Dist Ops	**Level 3 Support** MR_Corp Sys
Device Owner US Bank	

Financial Information

AFE Number	**P.O. Number** PO0162374

Ping Results

DNS Ping Success	Edit	**Ping Exception**
		Exception End
Last Successful Ping Dec 11 2023 7:11AM		**Ping Failed Count** 0

General Device Notes

[History](#)

Local ID	Capacity (MB)	Used Space (MB)	Free Space (MB)	Type	File System
C:	133190	50204	82986		
D:	322157	12743	309414		
S:	3174383	1636053	1538330		
J:	9727984	8474876	1253108		
X:	1009	125	884		

Hardware Information

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Make Dell Inc.		**Model** PowerEdge R740xd	
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Socketed Processors 2		**Logical Processors** 48	
Cores Per Processor 12		**gCp**	

Database files:

Logical Name	File Type	Filegroup	Size (MB)	Autogrowth / Maxsize	Path	File Name
BPM_ProcessDB_PRD_ARCH	ROWS Data	PRIMARY	3727336	By 256 MB, Unlimited	J:\Data	BPM_ProcessDB_PRD_ARCH.mdf
BPM_ProcessDB_PRD_ARCH_log	LOG	Not Applicable	43764	By 256 MB, Limited to 2097152 MB	J:\Log\Log	BPM_ProcessDB_PRD_ARCH_log.ldf

Database files:

Logical Name	File Type	Filegroup	Size (MB)	Autogrowth / Maxsize	Path	File Name
BPM_ProcessDB_PRD	ROWS Data	PRIMARY	629203	By 500 MB, Unlimited	J:\Data	BPM_ProcessDB_PRD.mdf
BPM_ProcessDB_PRD_log	LOG	Not Applicable	889000	By 500 MB, Limited to 2097152 MB	J:\Log\Log	BPM_ProcessDB_PRD_log.ldf

Results | **Messages**

	FileName	current_file_size_MB	max_size	growth_value	growth_increment_unit
1	tempdev	552920.062500	Autogrowth is on.	1024.000000	Growth value is MB.
2	templog	11327.937500	Autogrowth is on.	1024.000000	Growth value is MB.
3	temp2	357370.687500	Autogrowth is on.	1024.000000	Growth value is MB.
4	temp3	236536.937500	Autogrowth is on.	1024.000000	Growth value is MB.
5	temp4	237108.500000	Autogrowth is on.	1024.000000	Growth value is MB.
6	temp5	1024.000000	Autogrowth is on.	1024.000000	Growth value is MB.
7	temp6	1024.000000	Autogrowth is on.	1024.000000	Growth value is MB.
8	temp7	1024.000000	Autogrowth is on.	1024.000000	Growth value is MB.
9	temp8	237553.562500	Autogrowth is on.	1024.000000	Growth value is MB.

	FilePath
1	S:\Temp