

SAP Health Check Report

System SID : S4H

Environment : DEV

DB System : HANA

Log Id : 998370ccc8bf4a86aff6b2251539aaa2

Status : Completed

Run By : ravikumar.k@canopusgbs.com

Run At : 2022-06-07 14:00:01

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Summary

Metrics	Status
Response Times	Green
Runtime Dumps	Green
Buffer	Red
Update Monitoring	Green
Memory Utilization	Red
CPU Utilization	Green
File System	Green

Instance Status

Instance Name	Instance Number	Features	Port	Status
s4hana_2	2	MESSAGESERVER ENQUE	50213	1
s4hana_1	1	ABAP GATEWAY ICMAN IGS	50113	1

1 Application

1.1 Workprocess

Instance	No	Typ	Status	Start	CPU
s4hana_S4H_01	0	DIA	Wait	yes	47:18:45
s4hana_S4H_01	1	DIA	Wait	yes	2:28:36
s4hana_S4H_01	2	DIA	Wait	yes	4:03:25
s4hana_S4H_01	3	DIA	Wait	yes	17:12:10
s4hana_S4H_01	4	DIA	Wait	yes	6:10:57
s4hana_S4H_01	5	DIA	Wait	yes	9:24:21
s4hana_S4H_01	6	DIA	Wait	yes	7:05:51
s4hana_S4H_01	7	DIA	Wait	yes	5:36:40
s4hana_S4H_01	8	DIA	Wait	yes	8:31:18
s4hana_S4H_01	9	DIA	Run	yes	0:58:55
s4hana_S4H_01	10	UPD	Wait	yes	1:57:00
s4hana_S4H_01	11	BTC	Wait	yes	28:15:27
s4hana_S4H_01	12	BTC	Wait	yes	27:33:47
s4hana_S4H_01	13	BTC	Wait	yes	30:23:07
s4hana_S4H_01	14	BTC	Stop	yes	5:29:59
s4hana_S4H_01	15	BTC	Wait	yes	35:49:50
s4hana_S4H_01	16	BTC	Run	yes	21:44:47
s4hana_S4H_01	17	SPO	Wait	yes	0:11:33
s4hana_S4H_01	18	UP2	Wait	yes	0:13:38

1.2 Response Times

Response Time	value
ResponseTime	327 msec
ResponseTimeDialog	820 msec
ResponseTimeDialogRFC	3729 msec
ResponseTimeHTTP	150 msec
FrontendResponseTime	658 msec
QueueTime	0 msec
Load+GenTime	1 msec
RollTime	262 msec
DBRequestTime	86 msec
Utilisation	11 %
PrivMode Utilisation	0 %
NumberOfWpDIA	10
ErrorsInWpDIA	0

ErrorFreqInWpDIA	0.0 /min
EndedWpDIA	0
QueueLength	0 %
LongRunners	398 sec
ProgramErrors	ABAP Error: [A table could not be redirected.] in Report[CL_MES_DRF_GOODSMOV_FILT=====CP] in SNAP:[20220607104451s4hana_S4H_01] (User 400:S4RFMUSER17)
DialogSteps	6 /min
GuiCallbackTime	262 msec
FrontEndNetTime	69 msec
MonitoringTime	0.200 msec
ResponseTime(StandardTran.)	10 msec
LogonLoadQuality	6
LogonLoadMessage	Preferred instance selected for logon group SPACE: s4hana_S4H_01
UsersLoggedIn	9

1.3 Runtime Dumps

Dumps	value
Shortdumps	Shortdump: [Maximum string length exceeded] in Report[CL_ABAP_STRUCTDESCR=====CP] in SNAP:[20220607133343s4hana_S4H_01] (User 200:SREE)
Shortdumps Frequency	0 /min

1.4 Buffer

Buffer Type	metric	value
Program	DirectoryUsed	7 %
Program	SpaceUsed	100 %
Program	HitRatio	99 %
Program	Swap	0.0 /min
TableBuffer	DirectoryUsed	60 %
TableBuffer	SpaceUsed	96 %
TableBuffer	HitRatio	100 %
TableBuffer	Swap	0.0 /min
Screen	DirectoryUsed	20 %
Screen	SpaceUsed	31 %
Screen	HitRatio	99 %
Screen	Swap	0.0 /min
CUA	DirectoryUsed	6 %

CUA	SpaceUsed	83 %
CUA	HitRatio	99 %
CUA	Swap	0.0 /min
TableDefinition	DirectoryUsed	25 %
TableDefinition	SpaceUsed	25 %
TableDefinition	HitRatio	100 %
TableDefinition	Swap	0.0 /min
FieldDescription	DirectoryUsed	0 %
FieldDescription	SpaceUsed	0 %
FieldDescription	HitRatio	0 %
FieldDescription	Swap	0.0 /min
InitialRecords	DirectoryUsed	34 %
InitialRecords	SpaceUsed	22 %
InitialRecords	HitRatio	91 %
InitialRecords	Swap	0.0 /min
ShortNameTAB	DirectoryUsed	0 %
ShortNameTAB	SpaceUsed	0 %
ShortNameTAB	HitRatio	0 %
ShortNameTAB	Swap	0.0 /min
Calendar	DirectoryUsed	91 %
Calendar	SpaceUsed	79 %
Calendar	HitRatio	100 %
Calendar	Swap	0.0 /min
Export/import	DirectoryUsed	100 %
Export/import	SpaceUsed	25 %
Export/import	HitRatio	100 %
Export/import	Swap	0.4 /min
OTR	DirectoryUsed	100 %
OTR	SpaceUsed	20 %
OTR	HitRatio	97 %
OTR	Swap	0.0 /min
Exp./ Imp. SHM	DirectoryUsed	1 %
Exp./ Imp. SHM	SpaceUsed	8 %
Exp./ Imp. SHM	HitRatio	100 %
Exp./ Imp. SHM	Swap	0.0 /min
NumberRange	MaxNoEntries	5000
NumberRange	FreeEntries	4611

1.5 Update

Update Type Type	metric	value
PerformanceU1	ResponseTime	7 msec
PerformanceU1	QueueTime	0 msec
PerformanceU1	Utilisation	0 %
PerformanceU1	NumberOfWpUD1	1
PerformanceU1	ErrorsInWpUD1	0
PerformanceU1	ErrorFreqInWpUD1	0.0 /min
PerformanceU1	EndedWpUD1	0
PerformanceU2	ResponseTime	91 msec
PerformanceU2	QueueTime	0 msec
PerformanceU2	Utilisation	0 %
PerformanceU2	NumberOfWpUD2	1
PerformanceU2	ErrorsInWpUD2	0
PerformanceU2	ErrorFreqInWpUD2	0.0 /min
PerformanceU2	EndedWpUD2	0
Update	AbapErrorInUpdate	ABAP Error in Update:[Update canceled by a message] User=400:S4RFMUSER11 VBKey = 781EFD7FA5C70020E0062998ED00C5E7, Transaction = MM41

2 OS

2.1 Memory

Type of memory	value
Free Memory	9304 MB
Configured Memory	257547 MB
Physical	257547 MB
Free (Value)	8640 MB
Swap Free	9299 MB
Swap Configured	31763 MB
Swap Size	31763 MB
Swap Maximum Size	31763 MB
Free Including Fs Cache	15038 MB
Free	3 MB
Pages In	0 Pg/S
Pages Out	0 Pg/S
Page In	0 KB/s
Page Out	0 KB/s
Page In of RAM	0 %/h

Page Out of RAM	0 %/h
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2.2 CPU

Type of CPU	value
CPU I/O Waiting	0 %
5minLoadAverage	2.25 QL
Idle True	93 %
Interrupts	8802 /sec
System Calls	0 /sec
Context Switches	20455 /sec
Number of CPUs	32
CPU_Utilization	7 %
Utilization	7 %
I/O Wait	0 %
System Utilization	0 %
User Utilization	7 %
Idle	93 %

2.3 File System

File System	Available	Use %
/dev	128763 MB	0 %
/dev/shm	216983 MB	0 %
/run	127963 MB	0 %
/sys/fs/cgroup	128773 MB	0 %
/	188807 MB	7 %
/usr/sap	65463 MB	36 %
/hana	221971 MB	63 %
/boot/efi	493 MB	1 %
/run/user/470	25754 MB	0 %
/run/user/0	25754 MB	0 %
/run/user/1001	25754 MB	0 %
/run/user/468	25754 MB	0 %
/run/user/1002	25754 MB	0 %
/run/user/1004	25754 MB	0 %