

# SAP Health Check Report

OS Information		DB Information	
Operating System	Linux	DB System	hdb
Server Name	S4H	DB Version	2.00.066.00.1671096120 (fa/hana2sp06)
Network Address	49.205.169.15	System SID	S4H
Release	Linux	Environment	auto

Other Information	
Status	Completed
Run By	ravikumar.k@canopusgbs.com
Run At	2023-05-13 03:51:17

Health Check Program Details		
Solution	System	Health Check
	S4H	All

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# SUMMARY

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

## Instance Status/Details

Instance Name	Instance Number	Features	Port	Status
S4H_ASCS02_s4hana2		MESSAGESERVER ENQUE	50213	All OK
S4H_D01_s4hana	1	ABAP GATEWAY ICMAN IGS	50113	All OK

## Monitoring Check List as on 2023-05-13 03:51 AM

Task	T-Code	Status/Observations	Errors/Comments
Application Servers	SM51	All instances are active	
Systemwide Workstatus Process	SM50/SM51/SM66	DIA: 10 (Total) UPD: 1 (Total) BTC: 6 (Total) SPO: 1 (Total) UP2: 1 (Total)	
No. of users logged in	AL08	25 user sessions	
Total ABAP Dumps	ST22	Runtime Error: 0	
Update Failures	SM13	Update Errors: 0	
Enque Locks	SM12	Total Locks: 11 >1 Day Old Locks: 6	
System Log Check	SM21	All OK	
Checking SAP Buffer Quality	ST02		Error in retrieving details
DataBase Backup (Data Backup)	DB12	entry id - 1682973729618 backup id - 1682973729618 state - successful	
DataBase Backup (Data Backup)	DB12	entry id - 1683929944872 backup id - 1683929944872 state - successful	
CPU Utilization per Server	ST06	CPU Utilization - 10 %	

Review system logs for problems.	ST06 (Memory utilisation per)	Physical Memory: 257547 MB Free Memory: 3863 MB Free Swap Size: 26694 MB Actual Swap Size: 31763 MB	
Database Time	ST03N (Total)	13 msec	
Processing Time	ST03N (Total)	13 msec	
Avg. Response Time	ST03N (Total)	13 msec	

# 1 Application

## 1.1 Workprocess

Instance	No	Typ	Start	CPU
Instance	0	DIA	yes	4:47:55
Instance	1	DIA	yes	4:25:38
Instance	2	DIA	yes	5:04:50
Instance	3	DIA	yes	4:50:35
Instance	4	DIA	yes	5:01:40
Instance	5	DIA	yes	4:39:07
Instance	6	DIA	yes	4:33:38
Instance	7	DIA	yes	4:50:09
Instance	8	DIA	yes	4:55:40
Instance	9	DIA	yes	5:17:15
Instance	10	UPD	yes	0:00:27
Instance	11	BTC	yes	0:58:41
Instance	12	BTC	yes	1:15:59
Instance	13	BTC	yes	1:11:56
Instance	14	BTC	yes	1:05:17
Instance	15	BTC	yes	1:05:12
Instance	16	BTC	yes	1:02:21
Instance	17	SPO	yes	0:00:27
Instance	18	UP2	yes	63:38:22

## 1.2 Response Times

Response Time	value
ResponseTime	13 msec
ResponseTimeDialog	104 msec
ResponseTimeDialogRFC	179 msec
ResponseTimeHTTP	71 msec
FrontendResponseTime	13 msec
QueueTime	12 msec
Load+GenTime	0 msec
RollTime	0 msec
DBRequestTime	2 msec
Utilisation	5 %
PrivMode Utilisation	0 %
NumberOfWpDIA	10
ErrorsInWpDIA	0

ErrorFreqInWpDIA	0.0 /min
EndedWpDIA	0
QueueLength	0 %
LongRunners	0 sec
ProgramErrors	ABAP Error: [A table could not be redirected.] in Report[CL_MES_DRF_GOODSMOV_FILT=====CP] in SNAP:[20230512222530s4hana_S4H_01] (User 300:S4TMUSER107 )
DialogSteps	33 /min
GuiCallbackTime	0 msec
FrontEndNetTime	0 msec
MonitoringTime	0.200 msec
ResponseTime(StandardTran.)	13 msec
LogonLoadQuality	6
LogonLoadMessage	Preferred instance selected for logon group SPACE: s4hana_S4H_01
UsersLoggedIn	25

### 1.3 Runtime Dumps

Dumps	value
Shortdumps	Shortdump: [Maximum string length exceeded] in Report[CL_ABAP_STRUCTDESCR=====CP] in SNAP:[20230513030332s4hana_S4H_01] (User 300:ESTADMIN )
Shortdumps Frequency	0 /min

### 1.4 Buffer

Buffer Type	metric	value
Program	DirectoryUsed	9 %
Program	SpaceUsed	100 %
Program	HitRatio	100 %
Program	Swap	0.0 /min
TableBuffer	DirectoryUsed	20 %
TableBuffer	SpaceUsed	85 %
TableBuffer	HitRatio	100 %
TableBuffer	Swap	0.0 /min
Screen	DirectoryUsed	35 %
Screen	SpaceUsed	69 %
Screen	HitRatio	99 %
Screen	Swap	0.0 /min
CUA	DirectoryUsed	6 %

CUA	SpaceUsed	89 %
CUA	HitRatio	100 %
CUA	Swap	0.0 /min
TableDefinition	DirectoryUsed	- %
TableDefinition	SpaceUsed	- %
TableDefinition	HitRatio	- %
TableDefinition	Swap	- /min
FieldDescription	DirectoryUsed	- %
FieldDescription	SpaceUsed	- %
FieldDescription	HitRatio	- %
FieldDescription	Swap	- /min
InitialRecords	DirectoryUsed	- %
InitialRecords	SpaceUsed	- %
InitialRecords	HitRatio	- %
InitialRecords	Swap	- /min
ShortNameTAB	DirectoryUsed	- %
ShortNameTAB	SpaceUsed	- %
ShortNameTAB	HitRatio	- %
ShortNameTAB	Swap	- /min
Calendar	DirectoryUsed	92 %
Calendar	SpaceUsed	79 %
Calendar	HitRatio	100 %
Calendar	Swap	0.0 /min
Export/import	DirectoryUsed	100 %
Export/import	SpaceUsed	23 %
Export/import	HitRatio	100 %
Export/import	Swap	0.0 /min
OTR	DirectoryUsed	100 %
OTR	SpaceUsed	19 %
OTR	HitRatio	97 %
OTR	Swap	0.0 /min
Exp./ Imp. SHM	DirectoryUsed	0 %
Exp./ Imp. SHM	SpaceUsed	8 %
Exp./ Imp. SHM	HitRatio	100 %
Exp./ Imp. SHM	Swap	0.0 /min
NumberRange	MaxNoEntries	5000
NumberRange	FreeEntries	4876

## 1.5 Update

Update Type Type	metric	value
PerformanceU1	ResponseTime	0 msec
PerformanceU1	QueueTime	0 msec
PerformanceU1	Utilisation	0 %
PerformanceU1	NumberOfWpUD1	1
PerformanceU1	ErrorsInWpUD1	0
PerformanceU1	ErrorFreqInWpUD1	0.0 /min
PerformanceU1	EndedWpUD1	0
PerformanceU2	ResponseTime	2281833 msec
PerformanceU2	QueueTime	2184085 msec
PerformanceU2	Utilisation	97 %
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=300:S4RKUSER100 VBKey = 781EFD7FA5C70030E00645A3A26A7FFA, Transaction = SPRO

## 2 OS

### 2.1 Memory

Type of memory	value
Free Memory	3873 MB
Configured Memory	257547 MB
Physical	257547 MB
Free (Value)	3863 MB
Swap Free	26694 MB
Swap Configured	31763 MB
Swap Size	31763 MB
Swap Maximum Size	31763 MB
Free Including Fs Cache	4687 MB
Free	1 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_Utilization	10 %
CPU I/O Waiting	0 %
5minLoadAverage	3.0 QL
User Utilization	10 %
System Utilization	0 %
Idle	90 %
Idle True	90 %
Interrupts	8504 /sec
System Calls	0 /sec
Context Switches	27081 /sec
Number of CPUs	32
Utilization	10 %
I/O Wait	0 %

## 2.3 File System

File System	Available	Use %
/dev	128764 MB	0 %
/dev/shm	216983 MB	0 %
/run	127963 MB	0 %
/sys/fs/cgroup	128773 MB	0 %
/	177436 MB	13 %
/hana	310899 MB	49 %
/usr/sap	47170 MB	53 %
/boot/efi	493 MB	1 %
/run/user/470	25754 MB	0 %
/run/user/1001	25754 MB	0 %
/run/user/468	- MB	- %
/run/user/1002	25754 MB	0 %
/run/user/1004	25754 MB	0 %
/run/user/1005	25754 MB	0 %
/run/user/0	25754 MB	0 %