

SAP Health Check Report

OS Information	
Operating System	Red_Hat
Server Name	DC_BW_SBX_S4H
Network Address	s4hana.estservers.com
Release	12

DB Information	
DB System	-
DB Version	-
System SID	S4H
Environment	SBX

Other Information	
Status	Completed
Run By	Sreekanth.narravula@canopusgbs.com
Run At	2022-11-06 18:17:02

Health Check Program Details		
Solution	System	Health Check
BW	DC_BW_SBX_S4H	All

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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	NA

Instance Status/Details

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

Monitoring Check List as on 2022-11-06 18:17 PM

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	18 user sessions	
Total ABAP Dumps	ST22	Runtime Error: 0	
Update Failures	SM13	Update Errors: 0	
Enque Locks	SM12	Total Locks: 3 >1 Day Old Locks: 3	
System Log Check	SM21	All OK	
Checking SAP Buffer Quality	ST02	Program - 100 % TableBuffer - 100 % Screen - 100 % CUA - 100 % TableDefinition - 100 % FieldDescription - 0 % InitialRecords - 88 % ShortNameTAB - 0 % Calendar - 100 % Export/import - 100 % OTR - 96 % Exp./ Imp. SHM - 100 %	

DataBase Backup (Data Backup)	DB12	entry id - 1665091336040 backup id - 1665091336040 state - successful	
DataBase Backup (Data Backup)	DB12	entry id - 1667738672494 backup id - 1667738672494 state - successful	
CPU Utilization per Server	ST06	CPU Utilization - 5 %	
Review system logs for problems.	ST06 (Memory utilisation per)	Physical Memory: 257547 MB Free Memory: 6481 MB Free Swap Size: 11955 MB Actual Swap Size: 31763 MB	
Database Time	ST03N (Total)	65 msec	
Processing Time	ST03N (Total)	65 msec	
Avg. Response Time	ST03N (Total)	65 msec	

1 Application

1.1 Workprocess

Instance	No	Typ	Start	CPU
s4hana_S4H_01	0	DIA	yes	86:54:58
s4hana_S4H_01	1	DIA	yes	81:08:59
s4hana_S4H_01	2	DIA	yes	81:17:10
s4hana_S4H_01	3	DIA	yes	89:26:38
s4hana_S4H_01	4	DIA	yes	84:45:14
s4hana_S4H_01	5	DIA	yes	94:59:22
s4hana_S4H_01	6	DIA	yes	97:16:53
s4hana_S4H_01	7	DIA	yes	93:42:12
s4hana_S4H_01	8	DIA	yes	84:15:11
s4hana_S4H_01	9	DIA	yes	53:45:57
s4hana_S4H_01	10	UPD	yes	0:03:52
s4hana_S4H_01	11	BTC	yes	9:08:25
s4hana_S4H_01	12	BTC	yes	8:34:05
s4hana_S4H_01	13	BTC	yes	7:55:11
s4hana_S4H_01	14	BTC	yes	9:19:54
s4hana_S4H_01	15	BTC	yes	8:47:03
s4hana_S4H_01	16	BTC	yes	9:48:08
s4hana_S4H_01	17	SPO	yes	0:05:57
s4hana_S4H_01	18	UP2	yes	28:59:36

1.2 Response Times

Response Time	value
ResponseTime	65 msec
ResponseTimeDialog	32 msec
ResponseTimeDialogRFC	28 msec
ResponseTimeHTTP	208 msec
FrontendResponseTime	217 msec
QueueTime	0 msec
Load+GenTime	1 msec
RollTime	10 msec
DBRequestTime	19 msec
Utilisation	10 %
PrivMode Utilisation	0 %
NumberOfWpDIA	10
ErrorsInWpDIA	0

ErrorFreqInWpDIA	0.0 /min
EndedWpDIA	0
QueueLength	0 %
LongRunners	9298 sec
ProgramErrors	ABAP Error: [Exception condition "PROGRAM_NAME_EMPTY" triggered] in Report[CL_WB_CROSSREFERENCE=====CP] in SNAP:[20221106113459s4hana_S4H_01] (User 300:S4EWMUSER1)
DialogSteps	17 /min
GuiCallbackTime	11 msec
FrontEndNetTime	141 msec
MonitoringTime	0.160 msec
ResponseTime(StandardTran.)	11 msec
LogonLoadQuality	6
LogonLoadMessage	Preferred instance selected for logon group SPACE: s4hana_S4H_01
UsersLoggedIn	18

1.3 Runtime Dumps

Dumps	value
Shortdumps	Shortdump: [Maximum string length exceeded] in Report[CL_ABAP_STRUCTDESCR=====CP] in SNAP:[20221106181414s4hana_S4H_01] (User 200:SREE)
Shortdumps Frequency	0 /min

1.4 Buffer

Buffer Type	metric	value
Program	DirectoryUsed	7 %
Program	SpaceUsed	100 %
Program	HitRatio	100 %
Program	Swap	1.0 /min
TableBuffer	DirectoryUsed	70 %
TableBuffer	SpaceUsed	96 %
TableBuffer	HitRatio	100 %
TableBuffer	Swap	0.0 /min
Screen	DirectoryUsed	26 %
Screen	SpaceUsed	61 %
Screen	HitRatio	100 %
Screen	Swap	0.0 /min

CUA	DirectoryUsed	6 %
CUA	SpaceUsed	81 %
CUA	HitRatio	100 %
CUA	Swap	1.1 /min
TableDefinition	DirectoryUsed	65 %
TableDefinition	SpaceUsed	19 %
TableDefinition	HitRatio	100 %
TableDefinition	Swap	0.0 /min
FieldDescription	DirectoryUsed	0 %
FieldDescription	SpaceUsed	0 %
FieldDescription	HitRatio	0 %
FieldDescription	Swap	0.0 /min
InitialRecords	DirectoryUsed	87 %
InitialRecords	SpaceUsed	18 %
InitialRecords	HitRatio	88 %
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	26 %
Export/import	HitRatio	100 %
Export/import	Swap	1.9 /min
OTR	DirectoryUsed	100 %
OTR	SpaceUsed	19 %
OTR	HitRatio	96 %
OTR	Swap	1.9 /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	4639

1.5 Update

Update Type Type	metric	value
PerformanceU1	ResponseTime	6 msec
PerformanceU1	QueueTime	0 msec
PerformanceU1	Utilisation	0 %
PerformanceU1	NumberOfWpUD1	1
PerformanceU1	ErrorsInWpUD1	0
PerformanceU1	ErrorFreqInWpUD1	0.0 /min
PerformanceU1	EndedWpUD1	0
PerformanceU2	ResponseTime	20 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=300:S4RKUSER22 VBKey = 781EFD7FA5C70060E006347B93DB9DFF, Transaction = SPRO

2 OS

2.1 Memory

Type of memory	value
Free Memory	6381 MB
Configured Memory	257547 MB
Physical	257547 MB
Free (Value)	6481 MB
Swap Free	11955 MB
Swap Configured	31763 MB
Swap Size	31763 MB
Swap Maximum Size	31763 MB
Free Including Fs Cache	11325 MB
Free	2 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

2.2 CPU

Type of CPU	value
CPU I/O Waiting	1 %
5minLoadAverage	2.63 QL
Idle True	94 %
Interrupts	8289 /sec
System Calls	0 /sec
Context Switches	18239 /sec
Number of CPUs	32
CPU_Utilization	5 %
Utilization	5 %
I/O Wait	1 %
System Utilization	0 %
User Utilization	5 %
Idle	94 %

2.3 File System

File System	Available	Use %
/dev	128763 MB	0 %
/dev/shm	216965 MB	0 %
/run	127963 MB	0 %
/sys/fs/cgroup	128773 MB	0 %
/	188425 MB	7 %
/usr/sap	53098 MB	48 %
/hana	122647 MB	80 %
/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	- MB	- %
/run/user/1002	25754 MB	0 %
/run/user/1004	25754 MB	0 %