

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 | ravikumar.k@canopusgbs.com |
| Run At | 2022-10-25 14:33:49 |

| 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 2022-10-25 14:33 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 | 12 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 - 87 % 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 - 1666688624466 backup id - 1666688624466 state - successful | |
| CPU Utilization per Server | ST06 | CPU Utilization - 6 % | |
| Review system logs for problems. | ST06 (Memory utilisation per) | Physical Memory: 257547 MB Free Memory: 8347 MB Free Swap Size: 11828 MB Actual Swap Size: 31763 MB | |
| Database Time | ST03N (Total) | 405 msec | |
| Processing Time | ST03N (Total) | 405 msec | |
| Avg. Response Time | ST03N (Total) | 405 msec | |

1 Application

1.1 Workprocess

| Instance | No | Typ | Start | CPU |
|---------------|----|-----|-------|----------|
| s4hana_S4H_01 | 0 | DIA | yes | 69:48:16 |
| s4hana_S4H_01 | 1 | DIA | yes | 64:41:59 |
| s4hana_S4H_01 | 2 | DIA | yes | 66:49:58 |
| s4hana_S4H_01 | 3 | DIA | yes | 67:54:20 |
| s4hana_S4H_01 | 4 | DIA | yes | 69:03:38 |
| s4hana_S4H_01 | 5 | DIA | yes | 75:43:17 |
| s4hana_S4H_01 | 6 | DIA | yes | 73:21:43 |
| s4hana_S4H_01 | 7 | DIA | yes | 73:02:06 |
| s4hana_S4H_01 | 8 | DIA | yes | 66:19:10 |
| s4hana_S4H_01 | 9 | DIA | yes | 36:30:25 |
| s4hana_S4H_01 | 10 | UPD | yes | 0:02:54 |
| s4hana_S4H_01 | 11 | BTC | yes | 8:04:18 |
| s4hana_S4H_01 | 12 | BTC | yes | 7:31:07 |
| s4hana_S4H_01 | 13 | BTC | yes | 6:52:41 |
| s4hana_S4H_01 | 14 | BTC | yes | 8:16:06 |
| s4hana_S4H_01 | 15 | BTC | yes | 7:45:53 |
| s4hana_S4H_01 | 16 | BTC | yes | 8:43:50 |
| s4hana_S4H_01 | 17 | SPO | yes | 0:04:41 |
| s4hana_S4H_01 | 18 | UP2 | yes | 28:49:02 |

1.2 Response Times

| Response Time | value |
|-----------------------|----------|
| ResponseTime | 405 msec |
| ResponseTimeDialog | 414 msec |
| ResponseTimeDialogRFC | 353 msec |
| ResponseTimeHTTP | 316 msec |
| FrontendResponseTime | 683 msec |
| QueueTime | 0 msec |
| Load+GenTime | 0 msec |
| RollTime | 84 msec |
| DBRequestTime | 283 msec |
| Utilisation | 12 % |
| PrivMode Utilisation | 0 % |
| NumberOfWpDIA | 10 |
| ErrorsInWpDIA | 0 |

| | |
|-----------------------------|--|
| ErrorFreqInWpDIA | 0.0 /min |
| EndedWpDIA | 0 |
| QueueLength | 0 % |
| LongRunners | 274 sec |
| ProgramErrors | ABAP Error: [A table could not be redirected.] in Report[CL_MES_DRF_GOODSMOV_FILT=====CP] in SNAP:[20221024102422s4hana_S4H_01] (User 300:S4RKUSER18) |
| DialogSteps | 23 /min |
| GuiCallbackTime | 84 msec |
| FrontEndNetTime | 194 msec |
| MonitoringTime | 0.165 msec |
| ResponseTime(StandardTran.) | 11 msec |
| LogonLoadQuality | 6 |
| LogonLoadMessage | Preferred instance selected for logon group SPACE: s4hana_S4H_01 |
| UsersLoggedIn | 12 |

1.3 Runtime Dumps

| Dumps | value |
|----------------------|--|
| Shortdumps | Shortdump: [Maximum string length exceeded] in Report[CL_ABAP_STRUCTDESCR=====CP] in SNAP:[20221025142804s4hana_S4H_01] (User 400:SREE) |
| Shortdumps Frequency | 0 /min |

1.4 Buffer

| Buffer Type | metric | value |
|-------------|---------------|----------|
| Program | DirectoryUsed | 7 % |
| Program | SpaceUsed | 100 % |
| Program | HitRatio | 100 % |
| Program | Swap | 0.8 /min |
| TableBuffer | DirectoryUsed | 64 % |
| TableBuffer | SpaceUsed | 97 % |
| TableBuffer | HitRatio | 100 % |
| TableBuffer | Swap | 0.0 /min |
| Screen | DirectoryUsed | 37 % |
| Screen | SpaceUsed | 48 % |
| Screen | HitRatio | 100 % |
| Screen | Swap | 0.0 /min |
| CUA | DirectoryUsed | 7 % |

| | | |
|------------------|---------------|-----------|
| CUA | SpaceUsed | 85 % |
| CUA | HitRatio | 100 % |
| CUA | Swap | 0.0 /min |
| TableDefinition | DirectoryUsed | 65 % |
| TableDefinition | SpaceUsed | 18 % |
| TableDefinition | HitRatio | 100 % |
| TableDefinition | Swap | 0.0 /min |
| FieldDescription | DirectoryUsed | 0 % |
| FieldDescription | SpaceUsed | 0 % |
| FieldDescription | HitRatio | 0 % |
| FieldDescription | Swap | 0.0 /min |
| InitialRecords | DirectoryUsed | 86 % |
| InitialRecords | SpaceUsed | 17 % |
| InitialRecords | HitRatio | 87 % |
| 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 | 20 % |
| Export/import | HitRatio | 100 % |
| Export/import | Swap | 10.5 /min |
| OTR | DirectoryUsed | 100 % |
| OTR | SpaceUsed | 18 % |
| OTR | HitRatio | 96 % |
| 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 | 4682 |

1.5 Update

| Update Type Type | metric | value |
|------------------|-------------------|--|
| PerformanceU1 | ResponseTime | 363 msec |
| PerformanceU1 | QueueTime | 0 msec |
| PerformanceU1 | Utilisation | 0 % |
| PerformanceU1 | NumberOfWpUD1 | 1 |
| PerformanceU1 | ErrorsInWpUD1 | 0 |
| PerformanceU1 | ErrorFreqInWpUD1 | 0.0 /min |
| PerformanceU1 | EndedWpUD1 | 0 |
| PerformanceU2 | ResponseTime | 18 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:S4TMUSER199 VBKey = 781EFD7FA5C70040E006347D254D4961, Transaction = SPRO |

2 OS

2.1 Memory

| Type of memory | value |
|-------------------------|-----------|
| Free Memory | 8827 MB |
| Configured Memory | 257547 MB |
| Physical | 257547 MB |
| Free (Value) | 8347 MB |
| Swap Free | 11828 MB |
| Swap Configured | 31763 MB |
| Swap Size | 31763 MB |
| Swap Maximum Size | 31763 MB |
| Free Including Fs Cache | 12837 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 |
|-----------------|-------|

2.2 CPU

| Type of CPU | value |
|--------------------|------------|
| CPU I/O Waiting | 1 % |
| 5minLoadAverage | 2.8 QL |
| Idle True | 94 % |
| Interrupts | 8459 /sec |
| System Calls | 0 /sec |
| Context Switches | 20261 /sec |
| Number of CPUs | 32 |
| CPU_Utilization | 6 % |
| Utilization | 6 % |
| I/O Wait | 1 % |
| System Utilization | 0 % |
| User Utilization | 6 % |
| Idle | 93 % |

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 % |
| / | 188424 MB | 7 % |
| /usr/sap | 53413 MB | 47 % |
| /hana | 122092 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 % |