

# SAP Health Check Report

**System SID :** S4H

**Environment :** SBX

**DB System :** -

**Log Id :** 6f1bc99d25634693b9adef39709d2ae5

**Status :** Completed

**Run By :** ravikumar.k@canopusgbs.com

**Run At :** 2022-07-29 17:15:48

***This report contains confidential customer data and may be viewed only by SAP DBS employees, authorized SAP partners, and customer employees. Do not distribute it to other parties.***

# 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   | 10:22:14 |
| s4hana_S4H_01 | 1  | DIA | Wait   | yes   | 0:28:05  |
| s4hana_S4H_01 | 2  | DIA | Wait   | yes   | 18:34:19 |
| s4hana_S4H_01 | 3  | DIA | Wait   | yes   | 13:54:39 |
| s4hana_S4H_01 | 4  | DIA | Wait   | yes   | 18:30:52 |
| s4hana_S4H_01 | 5  | DIA | Wait   | yes   | 20:12:25 |
| s4hana_S4H_01 | 6  | DIA | Wait   | yes   | 22:31:17 |
| s4hana_S4H_01 | 7  | DIA | Wait   | yes   | 24:09:02 |
| s4hana_S4H_01 | 8  | DIA | Wait   | yes   | 0:00:29  |
| s4hana_S4H_01 | 9  | DIA | Wait   | yes   | 0:04:56  |
| s4hana_S4H_01 | 10 | UPD | Wait   | yes   | 0:00:46  |
| s4hana_S4H_01 | 11 | BTC | Wait   | yes   | 2:44:04  |
| s4hana_S4H_01 | 12 | BTC | Stop   | yes   | 2:57:29  |
| s4hana_S4H_01 | 13 | BTC | Wait   | yes   | 2:23:08  |
| s4hana_S4H_01 | 14 | BTC | Wait   | yes   | 2:25:08  |
| s4hana_S4H_01 | 15 | BTC | Wait   | yes   | 3:46:55  |
| s4hana_S4H_01 | 16 | BTC | Wait   | yes   | 3:51:02  |
| s4hana_S4H_01 | 17 | SPO | Wait   | yes   | 0:01:25  |
| s4hana_S4H_01 | 18 | UP2 | Wait   | yes   | 0:02:36  |

## 1.2 Response Times

| Response Time         | value    |
|-----------------------|----------|
| ResponseTime          | 86 msec  |
| ResponseTimeDialog    | 106 msec |
| ResponseTimeDialogRFC | 78 msec  |
| ResponseTimeHTTP      | 72 msec  |
| FrontendResponseTime  | 204 msec |
| QueueTime             | 0 msec   |
| Load+GenTime          | 1 msec   |
| RollTime              | 35 msec  |
| DBRequestTime         | 26 msec  |
| Utilisation           | 1 %      |
| 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:[20220729165808s4hana_S4H_01] (User 300:RFC_USER ) |
| DialogSteps                 | 27 /min  |
| GuiCallbackTime             | 45 msec  |
| FrontEndNetTime             | 72 msec  |
| MonitoringTime              | 0.149 msec   |
| ResponseTime(StandardTran.) | 10 msec  |
| LogonLoadQuality            | 6  |
| LogonLoadMessage            | Preferred instance selected for logon group SPACE: s4hana_S4H_01   |
| UsersLoggedIn               | 13   |

### 1.3 Runtime Dumps

| Dumps                | value   |
|----------------------|---|
| Shortdumps           | Shortdump: [The ASSERT condition was violated.] in Report[AC_CVI_KEY_ASSIGNMENT=====CP] in SNAP:[20220729170627s4hana_S4H_01] (User 400:S4RFMUSER29 ) |
| Shortdumps Frequency | 0 /min  |

### 1.4 Buffer

| Buffer Type | metric        | value    |
|-------------|---------------|----------|
| Program     | DirectoryUsed | 7 %      |
| Program     | SpaceUsed     | 100 %    |
| Program     | HitRatio      | 99 %     |
| Program     | Swap          | 5.9 /min |
| TableBuffer | DirectoryUsed | 25 %     |
| TableBuffer | SpaceUsed     | 91 %     |
| TableBuffer | HitRatio      | 100 %    |
| TableBuffer | Swap          | 0.0 /min |
| Screen      | DirectoryUsed | 71 %     |
| Screen      | SpaceUsed     | 90 %     |
| Screen      | HitRatio      | 99 %     |
| Screen      | Swap          | 0.0 /min |
| CUA         | DirectoryUsed | 8 %      |

|                  |               |          |
|------------------|---------------|----------|
| CUA              | SpaceUsed     | 95 %     |
| CUA              | HitRatio      | 99 %     |
| CUA              | Swap          | 0.0 /min |
| TableDefinition  | DirectoryUsed | 15 %     |
| TableDefinition  | SpaceUsed     | 15 %     |
| TableDefinition  | HitRatio      | 100 %    |
| TableDefinition  | Swap          | 0.0 /min |
| FieldDescription | DirectoryUsed | 0 %      |
| FieldDescription | SpaceUsed     | 0 %      |
| FieldDescription | HitRatio      | 0 %      |
| FieldDescription | Swap          | 0.0 /min |
| InitialRecords   | DirectoryUsed | 23 %     |
| InitialRecords   | SpaceUsed     | 14 %     |
| InitialRecords   | HitRatio      | 71 %     |
| 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      | 99 %     |
| Calendar         | Swap          | 0.0 /min |
| Export/import    | DirectoryUsed | 100 %    |
| Export/import    | SpaceUsed     | 24 %     |
| Export/import    | HitRatio      | 100 %    |
| Export/import    | Swap          | 4.6 /min |
| OTR              | DirectoryUsed | 100 %    |
| OTR              | SpaceUsed     | 18 %     |
| OTR              | HitRatio      | 95 %     |
| 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   | 4779     |

## 1.5 Update

| Update Type Type | metric            | value  |
|------------------|-------------------|--|
| PerformanceU1    | ResponseTime      | 39 msec  |
| PerformanceU1    | QueueTime         | 0 msec   |
| PerformanceU1    | Utilisation       | 0 %  |
| PerformanceU1    | NumberOfWpUD1     | 1  |
| PerformanceU1    | ErrorsInWpUD1     | 0  |
| PerformanceU1    | ErrorFreqInWpUD1  | 0.0 /min   |
| PerformanceU1    | EndedWpUD1        | 0  |
| PerformanceU2    | ResponseTime      | 215 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:S4TMUSER171<br>VBKey = 781EFD7FA5C70080E0062D1AF0AD792F,<br>Transaction = SPRO |

## 2 OS

### 2.1 Memory

| Type of memory          | value     |
|-------------------------|-----------|
| Free Memory             | 1963 MB   |
| Configured Memory       | 257547 MB |
| Physical                | 257547 MB |
| Free (Value)            | 2515 MB   |
| Swap Free               | 12986 MB  |
| Swap Configured         | 31763 MB  |
| Swap Size               | 31763 MB  |
| Swap Maximum Size       | 31763 MB  |
| Free Including Fs Cache | 15690 MB  |
| Free                    | 0 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    | 0 %        |
| 5minLoadAverage    | 1.25 QL    |
| Idle True          | 97 %       |
| Interrupts         | 7409 /sec  |
| System Calls       | 0 /sec     |
| Context Switches   | 11703 /sec |
| Number of CPUs     | 32         |
| CPU_Utilization    | 3 %        |
| Utilization        | 3 %        |
| I/O Wait           | 1 %        |
| System Utilization | 0 %        |
| User Utilization   | 3 %        |
| Idle               | 97 %       |

## 2.3 File System

| File System    | Available | Use % |
|----------------|-----------|-------|
| /dev           | 128763 MB | 0 %   |
| /dev/shm       | 216983 MB | 0 %   |
| /run           | 127955 MB | 0 %   |
| /sys/fs/cgroup | 128773 MB | 0 %   |
| /              | 188809 MB | 7 %   |
| /usr/sap       | 65918 MB  | 35 %  |
| /hana          | 125943 MB | 79 %  |
| /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 %   |