

# SAP Health Check Report

**System SID :** S4H

**Environment :** DEV

**DB System :** HANA

**Log Id :** 972f058bed9349049677f6daf508a1fc

**Status :** Completed

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

**Run At :** 2022-05-16 14:00:02

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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   | 28:07:34  |
| s4hana_S4H_01 | 1  | DIA | Wait   | yes   | 28:15:05  |
| s4hana_S4H_01 | 2  | DIA | Wait   | yes   | 125:22:07 |
| s4hana_S4H_01 | 3  | DIA | Wait   | yes   | 16:01:51  |
| s4hana_S4H_01 | 4  | DIA | Run    | yes   | 18:38:51  |
| s4hana_S4H_01 | 5  | DIA | Wait   | yes   | 21:11:22  |
| s4hana_S4H_01 | 6  | DIA | Wait   | yes   | 4:32:28   |
| s4hana_S4H_01 | 7  | DIA | Wait   | yes   | 22:28:14  |
| s4hana_S4H_01 | 8  | DIA | Wait   | yes   | 51:19:04  |
| s4hana_S4H_01 | 9  | DIA | Wait   | yes   | 127:29:48 |
| s4hana_S4H_01 | 10 | UPD | Wait   | yes   | 1:29:44   |
| s4hana_S4H_01 | 11 | BTC | Stop   | yes   | 22:58:30  |
| s4hana_S4H_01 | 12 | BTC | Wait   | yes   | 24:50:29  |
| s4hana_S4H_01 | 13 | BTC | Wait   | yes   | 23:44:15  |
| s4hana_S4H_01 | 14 | BTC | Stop   | yes   | 5:04:46   |
| s4hana_S4H_01 | 15 | BTC | Wait   | yes   | 27:28:25  |
| s4hana_S4H_01 | 16 | BTC | Wait   | yes   | 15:12:06  |
| s4hana_S4H_01 | 17 | SPO | Wait   | yes   | 0:09:23   |
| s4hana_S4H_01 | 18 | UP2 | Wait   | yes   | 0:10:35   |

## 1.2 Response Times

| Response Time         | value     |
|-----------------------|-----------|
| ResponseTime          | 5 msec    |
| ResponseTimeDialog    | 1 msec    |
| ResponseTimeDialogRFC | 462 msec  |
| ResponseTimeHTTP      | 1189 msec |
| FrontendResponseTime  | 5 msec    |
| QueueTime             | 0 msec    |
| Load+GenTime          | 0 msec    |
| RollTime              | 0 msec    |
| DBRequestTime         | 4 msec    |
| Utilisation           | 13 %      |
| PrivMode Utilisation  | 0 %       |
| NumberOfWpDIA         | 10        |
| ErrorsInWpDIA         | 0         |

|                             |  |
|-----------------------------|--|
| ErrorFreqInWpDIA            | 0.0 /min   |
| EndedWpDIA                  | 0  |
| QueueLength                 | 0 %  |
| LongRunners                 | 77 sec   |
| ProgramErrors               | ABAP Error: [Function module "SMOF0_SEND_CRM_RELEASE" not found] in Report[SAPLSYST] in SNAP:[20220516084715s4hana_S4H_01] (User 400:S4HANAUSER3 ) |
| DialogSteps                 | 0 /min   |
| GuiCallbackTime             | 0 msec   |
| FrontEndNetTime             | 0 msec   |
| MonitoringTime              | 0.199 msec   |
| ResponseTime(StandardTran.) | 11 msec  |
| LogonLoadQuality            | 6  |
| LogonLoadMessage            | Preferred instance selected for logon group SPACE: s4hana_S4H_01   |
| UsersLoggedIn               | 6  |

### 1.3 Runtime Dumps

| Dumps                | value  |
|----------------------|--|
| Shortdumps           | Shortdump: [Maximum string length exceeded] in Report[CL_ABAP_STRUCTDESCR=====CP] in SNAP:[20220516133424s4hana_S4H_01] (User 200:SREE ) |
| Shortdumps Frequency | 0 /min   |

### 1.4 Buffer

| Buffer Type | metric        | value    |
|-------------|---------------|----------|
| Program     | DirectoryUsed | 6 %      |
| Program     | SpaceUsed     | 100 %    |
| Program     | HitRatio      | 99 %     |
| Program     | Swap          | 0.0 /min |
| TableBuffer | DirectoryUsed | 55 %     |
| TableBuffer | SpaceUsed     | 96 %     |
| TableBuffer | HitRatio      | 100 %    |
| TableBuffer | Swap          | 0.0 /min |
| Screen      | DirectoryUsed | 55 %     |
| Screen      | SpaceUsed     | 80 %     |
| Screen      | HitRatio      | 99 %     |
| Screen      | Swap          | 0.0 /min |

|                  |               |          |
|------------------|---------------|----------|
| CUA              | DirectoryUsed | 6 %      |
| CUA              | SpaceUsed     | 87 %     |
| CUA              | HitRatio      | 99 %     |
| CUA              | Swap          | 0.0 /min |
| TableDefinition  | DirectoryUsed | 23 %     |
| TableDefinition  | SpaceUsed     | 23 %     |
| TableDefinition  | HitRatio      | 100 %    |
| TableDefinition  | Swap          | 0.0 /min |
| FieldDescription | DirectoryUsed | 0 %      |
| FieldDescription | SpaceUsed     | 0 %      |
| FieldDescription | HitRatio      | 0 %      |
| FieldDescription | Swap          | 0.0 /min |
| InitialRecords   | DirectoryUsed | 32 %     |
| InitialRecords   | SpaceUsed     | 20 %     |
| InitialRecords   | HitRatio      | 90 %     |
| 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          | 0.0 /min |
| OTR              | DirectoryUsed | 100 %    |
| OTR              | SpaceUsed     | 18 %     |
| 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   | 4636     |

## 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      | 21 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:S4TMUSER144<br>VBKey =<br>781EFD7FA5C70080E00625DC37C2FF4E,<br>Transaction = SPRO |

## 2 OS

### 2.1 Memory

| Type of memory          | value     |
|-------------------------|-----------|
| Free Memory             | 11097 MB  |
| Configured Memory       | 257547 MB |
| Physical                | 257547 MB |
| Free (Value)            | 10895 MB  |
| Swap Free               | 10416 MB  |
| Swap Configured         | 31763 MB  |
| Swap Size               | 31763 MB  |
| Swap Maximum Size       | 31763 MB  |
| Free Including Fs Cache | 15123 MB  |
| Free                    | 4 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    | 2.0 QL     |
| Idle True          | 94 %       |
| Interrupts         | 8485 /sec  |
| System Calls       | 0 /sec     |
| Context Switches   | 20561 /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 %   |
| /              | 188822 MB | 7 %   |
| /usr/sap       | 65656 MB  | 35 %  |
| /hana          | 226806 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 %   |