

# SAP Health Check Report

| OS Information   |                          |
|------------------|--------------------------|
| Operating System | Microsoft_Windows_Server |
| Server Name      | DC_BW_DEV_S4H            |
| Network Address  | s4hana.estservers.com    |
| Release          | 10                       |

| DB Information |      |
|----------------|------|
| DB System      | HANA |
| DB Version     | 2.0  |
| System SID     | S4H  |
| Environment    | DEV  |

| Other Information |                            |
|-------------------|----------------------------|
| Status            | Completed                  |
| Run By            | ravikumar.k@canopusgbs.com |
| Run At            | 2022-08-20 21:57:16        |

| Health Check Program Details |               |              |
|------------------------------|---------------|--------------|
| Solution                     | System        | Health Check |
| BW                           | DC_BW_DEV_S4H | All          |

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# SUMMARY

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

## Instance Status/Details

| Instance Name | Instance Number | Features               | Port  | Status |
|---------------|-----------------|------------------------|-------|--------|
| s4hana_2      | 2               | MESSAGESERVER ENQUE    | 50213 | Green  |
| s4hana_1      | 1               | ABAP GATEWAY ICMAN IGS | 50113 | Green  |

## Monitoring Check List

| Task                          | T-Code         | Status/Observations   | Action | Comments |
|-------------------------------|----------------|---|--------|----------|
| Application Servers           | SM51           | All instances are active  |        |          |
| Systemwide Workstatus Process | SM50/SM51/SM66 | DIA: 10 (Total)<br>UPD: 1 (Total)<br>BTC: 6 (Total)<br>SPO: 1 (Total)<br>UP2: 1 (Total) |        |          |
| No. of users logged in        | AL08           | 7 user sessions   |        |          |
| Total ABAP Dumps              | ST22           | Runtime Error: 0  |        |          |
| Update Failures               | SM13           | Update Errors: 0  |        |          |
| Enque Locks                   | SM12           | Total Locks: 3<br>Old Locks: 3  |        |          |

# 1 Application

## 1.1 Workprocess

| Instance      | No | Typ | Start | CPU      |
|---------------|----|-----|-------|----------|
| s4hana_S4H_01 | 0  | DIA | yes   | 12:58:12 |
| s4hana_S4H_01 | 1  | DIA | yes   | 3:22:01  |
| s4hana_S4H_01 | 2  | DIA | yes   | 20:59:03 |
| s4hana_S4H_01 | 3  | DIA | yes   | 16:25:19 |
| s4hana_S4H_01 | 4  | DIA | yes   | 20:01:12 |
| s4hana_S4H_01 | 5  | DIA | yes   | 0:14:02  |
| s4hana_S4H_01 | 6  | DIA | yes   | 25:55:39 |
| s4hana_S4H_01 | 7  | DIA | yes   | 0:53:41  |
| s4hana_S4H_01 | 8  | DIA | yes   | 2:47:25  |
| s4hana_S4H_01 | 9  | DIA | yes   | 3:00:13  |
| s4hana_S4H_01 | 10 | UPD | yes   | 0:02:01  |
| s4hana_S4H_01 | 11 | BTC | yes   | 7:18:25  |
| s4hana_S4H_01 | 12 | BTC | yes   | 6:45:37  |
| s4hana_S4H_01 | 13 | BTC | yes   | 6:10:25  |
| s4hana_S4H_01 | 14 | BTC | yes   | 9:51:25  |
| s4hana_S4H_01 | 15 | BTC | yes   | 7:53:26  |
| s4hana_S4H_01 | 16 | BTC | yes   | 10:12:26 |
| s4hana_S4H_01 | 17 | SPO | yes   | 0:03:56  |
| s4hana_S4H_01 | 18 | UP2 | yes   | 0:06:57  |

## 1.2 Response Times

| Response Time         | value   |
|-----------------------|---------|
| ResponseTime          | 8 msec  |
| ResponseTimeDialog    | 1 msec  |
| ResponseTimeDialogRFC | 3 msec  |
| ResponseTimeHTTP      | 68 msec |
| FrontendResponseTime  | 8 msec  |
| QueueTime             | 0 msec  |
| Load+GenTime          | 1 msec  |
| RollTime              | 0 msec  |
| DBRequestTime         | 1 msec  |
| Utilisation           | 1 %     |
| PrivMode Utilisation  | 0 %     |
| NumberOfWpDIA         | 10      |
| ErrorsInWpDIA         | 0       |

|                             |  |
|-----------------------------|--|
| ErrorFreqInWpDIA            | 0.0 /min   |
| EndedWpDIA                  | 0  |
| QueueLength                 | 0 %  |
| LongRunners                 | 0 sec  |
| ProgramErrors               | ABAP Error: [Function module "SMOF0_SEND_CRM_RELEASE" not found] in Report[SAPLSYST] in SNAP:[20220820203747s4hana_S4H_01] (User 400:S4RFMTEST ) |
| DialogSteps                 | 3 /min   |
| GuiCallbackTime             | 0 msec   |
| FrontEndNetTime             | 0 msec   |
| MonitoringTime              | 0.322 msec   |
| ResponseTime(StandardTran.) | 10 msec  |
| LogonLoadQuality            | 6  |
| LogonLoadMessage            | Preferred instance selected for logon group SPACE: s4hana_S4H_01   |
| UsersLoggedIn               | 7  |

### 1.3 Runtime Dumps

| Dumps                | value  |
|----------------------|--|
| Shortdumps           | Shortdump: [Maximum string length exceeded] in Report[CL_ABAP_STRUCTDESCR=====CP] in SNAP:[20220820213334s4hana_S4H_01] (User 200:SREE ) |
| Shortdumps Frequency | 0 /min   |

### 1.4 Buffer

| Buffer Type | metric        | value    |
|-------------|---------------|----------|
| Program     | DirectoryUsed | 7 %      |
| Program     | SpaceUsed     | 100 %    |
| Program     | HitRatio      | 99 %     |
| Program     | Swap          | 0.0 /min |
| TableBuffer | DirectoryUsed | 40 %     |
| TableBuffer | SpaceUsed     | 97 %     |
| TableBuffer | HitRatio      | 100 %    |
| TableBuffer | Swap          | 0.0 /min |
| Screen      | DirectoryUsed | 29 %     |
| Screen      | SpaceUsed     | 45 %     |
| Screen      | HitRatio      | 99 %     |
| Screen      | Swap          | 0.0 /min |

|                  |               |          |
|------------------|---------------|----------|
| CUA              | DirectoryUsed | 5 %      |
| CUA              | SpaceUsed     | 78 %     |
| CUA              | HitRatio      | 99 %     |
| CUA              | Swap          | 0.0 /min |
| TableDefinition  | DirectoryUsed | 30 %     |
| TableDefinition  | SpaceUsed     | 14 %     |
| TableDefinition  | HitRatio      | 100 %    |
| TableDefinition  | Swap          | 0.0 /min |
| FieldDescription | DirectoryUsed | 0 %      |
| FieldDescription | SpaceUsed     | 0 %      |
| FieldDescription | HitRatio      | 0 %      |
| FieldDescription | Swap          | 0.0 /min |
| InitialRecords   | DirectoryUsed | 43 %     |
| InitialRecords   | SpaceUsed     | 14 %     |
| InitialRecords   | HitRatio      | 77 %     |
| 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     | 24 %     |
| Export/import    | HitRatio      | 100 %    |
| Export/import    | Swap          | 0.0 /min |
| OTR              | DirectoryUsed | 100 %    |
| OTR              | SpaceUsed     | 19 %     |
| 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   | 4711     |

## 1.5 Update

| Update Type Type | metric            | value   |
|------------------|-------------------|---|
| PerformanceU1    | ResponseTime      | 149 msec  |
| PerformanceU1    | QueueTime         | 0 msec  |
| PerformanceU1    | Utilisation       | 0 %   |
| PerformanceU1    | NumberOfWpUD1     | 1   |
| PerformanceU1    | ErrorsInWpUD1     | 0   |
| PerformanceU1    | ErrorFreqInWpUD1  | 0.0 /min  |
| PerformanceU1    | EndedWpUD1        | 0   |
| PerformanceU2    | ResponseTime      | 35 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:VEERENDRA<br>VBKey =<br>781EFD7FA5C70090E0062E1831072E77,<br>Transaction = SPRO |

## 2 OS

### 2.1 Memory

| Type of memory          | value     |
|-------------------------|-----------|
| Free Memory             | 12947 MB  |
| Configured Memory       | 257547 MB |
| Physical                | 257547 MB |
| Free (Value)            | 13045 MB  |
| Swap Free               | 14263 MB  |
| Swap Configured         | 31763 MB  |
| Swap Size               | 31763 MB  |
| Swap Maximum Size       | 31763 MB  |
| Free Including Fs Cache | 16444 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    | 1.1 QL     |
| Idle True          | 97 %       |
| Interrupts         | 7240 /sec  |
| System Calls       | 0 /sec     |
| Context Switches   | 11307 /sec |
| Number of CPUs     | 32         |
| CPU_Utilization    | 3 %        |
| Utilization        | 3 %        |
| I/O Wait           | 0 %        |
| 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 | 1 %   |
| /sys/fs/cgroup | 128773 MB | 0 %   |
| /              | 188800 MB | 8 %   |
| /usr/sap       | 65779 MB  | 36 %  |
| /hana          | 1814 MB   | 100 % |
| /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 %   |