

| 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            | 2022-10-21 10:44:06        |

| 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 2022-10-21 10:44 AM

| Task                          | T-Code         | Status/Observations  | Errors/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           | 12 user sessions   |                 |
| Total ABAP Dumps              | ST22           | Runtime Error: 0   |                 |
| Update Failures               | SM13           | Update Errors: 0   |                 |
| Enque Locks                   | SM12           | Total Locks: 3<br>>1 Day Old Locks: 3  |                 |
| System Log Check              | SM21           | All OK   |                 |
| Checking SAP Buffer Quality   | ST02           | Program - 100 %<br>TableBuffer - 100 %<br>Screen - 100 %<br>CUA - 100 %<br>TableDefinition - 100 %<br>FieldDescription - 0 %<br>InitialRecords - 86 %<br>ShortNameTAB - 0 %<br>Calendar - 100 %<br>Export/import - 100 %<br>OTR - 96 %<br>Exp./ Imp. SHM - 100 % |                 |

|                                  |                                  |  |  |
|----------------------------------|----------------------------------|--|--|
| DataBase Backup (Data Backup)    | DB12                             | entry id - 1665091336040<br>backup id - 1665091336040<br>state - successful                                  |  |
| DataBase Backup (Data Backup)    | DB12                             | entry id - 1666328624163<br>backup id - 1666328624163<br>state - successful                                  |  |
| CPU Utilization per Server       | ST06                             | CPU Utilization - 6 %  |  |
| Review system logs for problems. | ST06<br>(Memory utilisation per) | Physical Memory: 257547 MB<br>Free Memory: 8481 MB<br>Free Swap Size: 11737 MB<br>Actual Swap Size: 31763 MB |  |
| Database Time                    | ST03N (Total)                    | 246 msec   |  |
| Processing Time                  | ST03N (Total)                    | 246 msec   |  |
| Avg. Response Time               | ST03N (Total)                    | 246 msec   |  |

# 1 Application

## 1.1 Workprocess

| Instance      | No | Typ | Start | CPU      |
|---------------|----|-----|-------|----------|
| s4hana_S4H_01 | 0  | DIA | yes   | 61:32:50 |
| s4hana_S4H_01 | 1  | DIA | yes   | 60:34:45 |
| s4hana_S4H_01 | 2  | DIA | yes   | 58:54:16 |
| s4hana_S4H_01 | 3  | DIA | yes   | 61:30:49 |
| s4hana_S4H_01 | 4  | DIA | yes   | 61:28:41 |
| s4hana_S4H_01 | 5  | DIA | yes   | 68:28:48 |
| s4hana_S4H_01 | 6  | DIA | yes   | 68:23:15 |
| s4hana_S4H_01 | 7  | DIA | yes   | 66:46:43 |
| s4hana_S4H_01 | 8  | DIA | yes   | 61:42:38 |
| s4hana_S4H_01 | 9  | DIA | yes   | 30:20:42 |
| s4hana_S4H_01 | 10 | UPD | yes   | 0:02:42  |
| s4hana_S4H_01 | 11 | BTC | yes   | 7:42:42  |
| s4hana_S4H_01 | 12 | BTC | yes   | 7:09:47  |
| s4hana_S4H_01 | 13 | BTC | yes   | 6:31:23  |
| s4hana_S4H_01 | 14 | BTC | yes   | 7:51:36  |
| s4hana_S4H_01 | 15 | BTC | yes   | 7:24:05  |
| s4hana_S4H_01 | 16 | BTC | yes   | 8:20:33  |
| s4hana_S4H_01 | 17 | SPO | yes   | 0:04:15  |
| s4hana_S4H_01 | 18 | UP2 | yes   | 28:47:45 |

## 1.2 Response Times

| Response Time         | value    |
|-----------------------|----------|
| ResponseTime          | 246 msec |
| ResponseTimeDialog    | 315 msec |
| ResponseTimeDialogRFC | 239 msec |
| ResponseTimeHTTP      | 255 msec |
| FrontendResponseTime  | 979 msec |
| QueueTime             | 0 msec   |
| Load+GenTime          | 1 msec   |
| RollTime              | 199 msec |
| DBRequestTime         | 42 msec  |
| Utilisation           | 11 %     |
| PrivMode Utilisation  | 0 %      |
| NumberOfWpDIA         | 10       |
| ErrorsInWpDIA         | 0        |

|                             |  |
|-----------------------------|--|
| ErrorFreqInWpDIA            | 0.0 /min   |
| EndedWpDIA                  | 0  |
| QueueLength                 | 0 %  |
| LongRunners                 | 295 sec  |
| ProgramErrors               | ABAP Error: [A table could not be redirected.] in Report[CL_MES_DRF_GOODSMOV_FILT=====CP] in SNAP:[20221021021722s4hana_S4H_01] (User 300:RFC_USER ) |
| DialogSteps                 | 2 /min   |
| GuiCallbackTime             | 199 msec   |
| FrontEndNetTime             | 534 msec   |
| MonitoringTime              | 0.337 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:[20221021103401s4hana_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          | 0.0 /min |
| TableBuffer | DirectoryUsed | 63 %     |
| TableBuffer | SpaceUsed     | 95 %     |
| TableBuffer | HitRatio      | 100 %    |
| TableBuffer | Swap          | 0.0 /min |
| Screen      | DirectoryUsed | 17 %     |
| Screen      | SpaceUsed     | 25 %     |
| Screen      | HitRatio      | 100 %    |
| Screen      | Swap          | 0.0 /min |
| CUA         | DirectoryUsed | 6 %      |

|                  |               |          |
|------------------|---------------|----------|
| CUA              | SpaceUsed     | 94 %     |
| 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 | 85 %     |
| InitialRecords   | SpaceUsed     | 17 %     |
| InitialRecords   | HitRatio      | 86 %     |
| 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     | 23 %     |
| Export/import    | HitRatio      | 100 %    |
| Export/import    | Swap          | 0.5 /min |
| OTR              | DirectoryUsed | 100 %    |
| OTR              | SpaceUsed     | 19 %     |
| 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   | 4689     |

## 1.5 Update

| Update Type Type | metric            | value  |
|------------------|-------------------|--|
| PerformanceU1    | ResponseTime      | 631 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:S4TMUSER187<br>VBKey =<br>781EFD7FA5C70010E006347EA92B4A1A,<br>Transaction = |

## 2 OS

### 2.1 Memory

| Type of memory          | value     |
|-------------------------|-----------|
| Free Memory             | 8430 MB   |
| Configured Memory       | 257547 MB |
| Physical                | 257547 MB |
| Free (Value)            | 8481 MB   |
| Swap Free               | 11737 MB  |
| Swap Configured         | 31763 MB  |
| Swap Size               | 31763 MB  |
| Swap Maximum Size       | 31763 MB  |
| Free Including Fs Cache | 12557 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    | 2.40 QL    |
| Idle True          | 94 %       |
| Interrupts         | 8319 /sec  |
| System Calls       | 0 /sec     |
| Context Switches   | 18829 /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 %   |
| /              | 188423 MB | 7 %   |
| /usr/sap       | 53222 MB  | 48 %  |
| /hana          | 172044 MB | 71 %  |
| /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 %   |