# 1. Server Information

## 1.1. OS

|  |  |  |  |
| --- | --- | --- | --- |
| OS | SP | SKU | Language |
| Windows 10 Pro 10.0 <X64> (Build 22000: ) (Hypervisor) |  | 48 | 2052 |

## 1.2. Processor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Processor Name | Manufacturer | Logical Count | Hyperthread Ratio | Physical Count |
| Intel(R) Core(TM) i5-8300H CPU @ 2.30GHz | System Manufacturer: 'Dell Inc.', System Model: 'G7 7588'. | 8 | 8 | 1 |

## 1.3. Memory

|  |
| --- |
| Memory Size(MB) |
| 20285 |

## 1.4. Disk Utilization

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Drive | Total Size(MB) | Free Size(MB) | Free Percent(%) | DB File Size(MB) | Monthly Growth Size(MB) | Left After Growth(MB) |
| C | 120102 | 46495 | 38 | None | None | None |
| D | 339337 | 234667 | 69 | 1110 | 961 | 233706 |
| E | 614399 | 231516 | 37 | None | None | None |
| F | 122102 | 121851 | 99 | None | None | None |

# 2. Instance Information

## 2.1. Production Version

|  |  |
| --- | --- |
| Server Name | SQL Server & OS Version |
| DESKTOP-GA9O2OV | Microsoft SQL Server 2017 (RTM) - 14.0.1000.169 (X64)   Aug 22 2017 17:04:49   Copyright (C) 2017 Microsoft Corporation  Enterprise Edition (64-bit) on Windows 10 Pro 10.0 <X64> (Build 22000: ) (Hypervisor) |

## 2.2. Server Property

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Machine Name | Server Name | Instance Name | Is Clustered | Computer Name Physical Net Bios | Edition | Product Level | Product Version |  | Collation | Is Fulltext Installed | Is Integrated Security Only | Current Cluster Node Name | Version |
| DESKTOP-GA9O2OV | DESKTOP-GA9O2OV |  | No | DESKTOP-GA9O2OV | Enterprise Edition (64-bit) | RTM | 14.0.1000.169 |  | Chinese\_PRC\_CI\_AS | No | No | N/A | SQL Server 2017 |

## 2.3. Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Service Name | Startup Type | Status | Last Startup Time | Service Account | Is Clustered | Cluster Node Name |
| SQL Server (MSSQLSERVER) | Automatic | Running | 2021-11-24 14:22:09.0991126 +0 | NT Service\MSSQLSERVER | N |  |
| SQL Server 代理 (MSSQLSERVER) | Manual | Running |  | NT Service\SQLSERVERAGENT | N |  |

## 2.4. Non Default Configuration

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Default | Configured | Min | Max | Value In Use | Is Dynamic | Is Advanced |
| Agent XPs | 0 | 1 | 0 | 1 | 1 | True | True |
| default full-text language | 1033 | 2052 | 0 | 2147483647 | 2052 | True | True |
| default language | 0 | 30 | 0 | 9999 | 30 | True | False |
| max server memory (MB) | 2147483647 | 3096 | 128 | 2147483647 | 3096 | True | True |
| show advanced options | 0 | 1 | 0 | 1 | 1 | True | False |
| contained database authentication | 0 | 1 | 0 | 1 | 1 | True | False |

## 2.5. Memory Configuration

|  |  |
| --- | --- |
| Name | Value |
| index create memory (KB) | 0 |
| min memory per query (KB) | 1024 |
| min server memory (MB) | 16 |
| max server memory (MB) | 3096 |

## 2.6. Activity

|  |  |
| --- | --- |
| Name | Value |
| Active Databases | 2 |
| Inactive Databases | 0 |
| Active Sessions | 1 |
| Sleeping Sessions | 14 |
| Distinct Connected Logins By Session | 4 |
| Active Transactions | 7 |
| Active Trace | 0 |
| Active Extended Events | 4 |

# 3. Security Information

## 3.1. Server Role

|  |  |
| --- | --- |
| Name | Server Roles |
| DESKTOP-GA9O2OV\LS | sysadmin |

## 3.2. Linked Server

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Product | Data Source | Remote Login | RPC Out | Data Access |
| 192.168.31.151 | SQL Server | 192.168.31.151 | True | True | True |
| WIN1 |  | 192.168.31.151,1433 | False | False | True |

# 4. Database Information

## 4.1. Database Options

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Recovery Model | Compatibility Level | Collation | User Access | Read Only | Auto Close | Auto Shrink | State | Snapshot Isolation State | Read Commited Snapshot | Page Verify Option | Log Reuse Wait |
| master | SIMPLE | 140 | Chinese\_PRC\_CI\_AS | MULTI\_USER | False | False | False | ONLINE | ON | False | CHECKSUM | NOTHING |
| tempdb | SIMPLE | 140 | Chinese\_PRC\_CI\_AS | MULTI\_USER | False | False | False | ONLINE | OFF | False | CHECKSUM | NOTHING |
| model | FULL | 140 | Chinese\_PRC\_CI\_AS | MULTI\_USER | False | False | False | ONLINE | OFF | False | CHECKSUM | NOTHING |
| msdb | SIMPLE | 140 | Chinese\_PRC\_CI\_AS | MULTI\_USER | False | False | False | ONLINE | ON | False | CHECKSUM | NOTHING |
| SQLWATCH | SIMPLE | 140 | Latin1\_General\_CI\_AS | MULTI\_USER | False | False | False | ONLINE | ON | True | CHECKSUM | NOTHING |
| test | FULL | 140 | Chinese\_PRC\_CI\_AS | MULTI\_USER | False | False | False | ONLINE | OFF | False | CHECKSUM | LOG\_BACKUP |

## 4.2. Database Storage

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | File ID | File Name | Physical Name | Size(MB) | Space Used(MB) | Available(MB) | Growth(MB) | Is Percent Growth |
| master | 1 | master | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\master.mdf | 5.38 | 4.44 | 0.94 | 0.54 | False |
| master | 2 | mastlog | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\mastlog.ldf | 1.75 | 1.02 | 0.73 | 0.18 | False |
| model | 1 | modeldev | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\model.mdf | 8.00 | 2.75 | 5.25 | 64.00 | False |
| model | 2 | modellog | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\modellog.ldf | 8.00 | 1.34 | 6.66 | 64.00 | False |
| msdb | 1 | MSDBData | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\MSDBData.mdf | 17.81 | 16.50 | 1.31 | 1.78 | False |
| msdb | 2 | MSDBLog | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\MSDBLog.ldf | 5.06 | 0.98 | 4.08 | 0.51 | False |
| SQLWATCH | 1 | SQLWATCH | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\SQLWATCH\_Primary.mdf | 392.00 | 218.63 | 173.38 | 64.00 | False |
| SQLWATCH | 2 | SQLWATCH\_log | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\SQLWATCH\_Primary.ldf | 328.00 | 21.88 | 306.12 | 64.00 | False |
| tempdb | 1 | tempdev | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\tempdb.mdf | 8.00 | 2.88 | 5.13 | 64.00 | False |
| tempdb | 2 | templog | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\templog.ldf | 8.00 | 2.02 | 5.98 | 64.00 | False |
| tempdb | 3 | temp2 | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\tempdb\_mssql\_2.ndf | 8.00 | 0.31 | 7.69 | 64.00 | False |
| tempdb | 4 | temp3 | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\tempdb\_mssql\_3.ndf | 8.00 | 0.25 | 7.75 | 64.00 | False |
| tempdb | 5 | temp4 | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\tempdb\_mssql\_4.ndf | 8.00 | 0.25 | 7.75 | 64.00 | False |
| tempdb | 6 | temp5 | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\tempdb\_mssql\_5.ndf | 8.00 | 0.19 | 7.81 | 64.00 | False |
| tempdb | 7 | temp6 | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\tempdb\_mssql\_6.ndf | 8.00 | 0.19 | 7.81 | 64.00 | False |
| tempdb | 8 | temp7 | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\tempdb\_mssql\_7.ndf | 8.00 | 0.25 | 7.75 | 64.00 | False |
| tempdb | 9 | temp8 | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\tempdb\_mssql\_8.ndf | 8.00 | 0.25 | 7.75 | 64.00 | False |
| test | 1 | test | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\test.mdf | 136.00 | 89.94 | 46.06 | 64.00 | False |
| test | 2 | test\_log | D:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\DATA\test\_log.ldf | 136.00 | 16.77 | 119.23 | 64.00 | False |

## 4.3. Database Backup

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Recovery Model | Log Reuse Wait | Last Full Backup | Last Differential Backup | Last Log Backup |
| model | FULL | NOTHING |  |  |  |
| test | FULL | LOG\_BACKUP | 2021-11-05 21:02:22 | 2021-11-30 19:56:48 |  |
| master | SIMPLE | NOTHING |  |  |  |
| msdb | SIMPLE | NOTHING |  |  |  |
| SQLWATCH | SIMPLE | NOTHING |  |  |  |

## 4.4. Last DBCC

|  |  |  |
| --- | --- | --- |
| Server Name | DB Name | Last Clean DBCC Date |
| DESKTOP-GA9O2OV | master |  |
| DESKTOP-GA9O2OV | model |  |
| DESKTOP-GA9O2OV | msdb |  |
| DESKTOP-GA9O2OV | SQLWATCH |  |
| DESKTOP-GA9O2OV | test |  |

# 5. High Availability

## 5.1. Log Shipping

### 5.1.1 Log Shipping - Primary

There is no database is Primary .

### 5.1.2 Log Shipping - Secondary

There is no database is Secondary .

## 5.2. Replication

There is no Replication .

## 5.3. Always On Availability Groups

### 5.3.1. Availability Replica

There is no Availability Replica.

### 5.3.2. Availability Database

There is no Availability Database .

### 5.3.3. Availability Database Healthy Detection

There is no Availability Group.

# 6. Error

## 6.1. Instance Error

|  |  |  |
| --- | --- | --- |
| Log Date | Process Information | Log Entry |
| 2021-11-24 14:22:20.140000 | Server | Implied authentication manager initialization failed. Implied authenticatio... |
| 2021-11-24 14:22:20.140000 | Server | InitializeExternalUserGroupSid failed. Implied authentication will be disab... |

## 6.2. Agent Job Error

|  |  |  |  |
| --- | --- | --- | --- |
| Job Name | Step ID | Step Name | Run Date |
| DatabaseBackup - USER\_DATABASES - DIFF | 1 | DatabaseBackup - USER\_DATABASES - DIFF | 2021-11-30 19:57:33 |

## 6.3. Long Time Running Jobs

There is no long time running job.

## 6.4. Long Time UnCommited Transactions

There is no long time uncommited job.