

Cached Query Plans

[sys.dm_exec_cached_plans](#)

Returns a row for each query plan that is cached by SQL Server for faster query execution. You can use this dynamic management view to find cached query plans, cached query text, the amount of memory taken by cached plans, and the reuse count of the cached plans.

[sys.dm_exec_sql_text](#)

Returns the text of the SQL batch that is identified by the specified sql_handle.

[sys.dm_exec_query_plan_stats](#)

Returns the equivalent of the last known actual execution plan for a previously cached query plan.

Queries with CPU times

[sys.dm_exec_query_stats](#)

Returns aggregate performance statistics for cached query plans in SQL Server. The view contains one row per query statement within the cached plan, and the lifetime of the rows are tied to the plan itself. When a plan is removed from the cache, the corresponding rows are eliminated from this view.

[sys.dm_exec_procedure_stats](#)

Returns aggregate performance statistics for cached stored procedures. The view returns one row for each cached stored procedure plan, and the lifetime of the row is as long as the stored procedure remains cached. When a stored procedure is removed from the cache, the corresponding row is eliminated from this view.

Find still running sessions (right now)

[sys.dm_exec_requests](#)

Returns information about each request that is executing in SQL Server.

Current active sessions right now

[sys.dm_exec_connections](#)

Returns information about the connections established to this instance of SQL Server and the details of each connection. Returns server wide connection information for SQL Server. Returns current database connection information for SQL Database.

Data and log I/O usage

[sys.dm_db_resource_stats](#) (Azure SQL Database)

Returns CPU, I/O, and memory consumption for an Azure SQL Database database or an Azure SQL Managed Instance. One row exists for every 15 seconds, even if there is no activity. Historical data is maintained for approximately one hour.

[sys.resource_stats](#) (all databases – must be in "master" database in Azure SQL Database when executing it).

Returns CPU usage and storage data for an Azure SQL Database. The data is collected and aggregated within five-minute intervals. For each user database, there is one row for every five-minute reporting window in which there is a change in resource consumption. The data returned includes CPU usage, storage size change, and database SKU modification. Idle databases with no changes may not have rows for every five-minute interval. Historical data is retained for approximately 14 days.

[sys.server_resource_stats](#) (Managed Instance)

Returns CPU usage, IO, and storage data for Azure SQL Managed Instance. The data is collected and aggregated within five-minute intervals. There is one row for every 15 seconds reporting. The data returned includes CPU usage, storage size, IO utilization, and SKU. Historical data is retained for approximately 14 days.

[sys.elastic_pool_resource_stats](#) (elastic pool databases)

Returns resource usage statistics for all the elastic pools in a SQL Database server. For each elastic pool, there is one row for each 15 second reporting window (four rows per minute). This includes CPU, IO, Log, storage consumption and concurrent request/session utilization by all databases in the pool. This data is retained for 14 days.

[sys.resource_usage](#)

Provides hourly summary of resource usage data for user databases in the current server. Historical data is retained for 90 days.

For each user database, there is one row for every hour in continuous fashion. Even if the database was idle during that hour, there is one row, and the usage_in_seconds value for that database will be 0. Storage usage and SKU information is rolled up for the hour appropriately.

[sys.dm_user_db_resource_governance](#)

Returns actual configuration and capacity settings used by resource governance mechanisms in the current database or elastic pool.

[sys.dm_os_job_object](#)

Returns a single row describing the configuration of the job object that manages the SQL Server process, as well as certain resource consumption statistics at the job object level.

A job object is a Windows construct that implements CPU, memory, and IO resource governance at the operating system level.

[sys.dm_io_virtual_file_stats](#)(null, null) –database_id and file_id

Returns I/O statistics for data and log files.

[sys.dm_os_performance_counters](#)

Returns a row per performance counter maintained by the server.

Find long running transactions

[sys.dm_tran_active_transactions](#)

Returns information about transactions for the instance of SQL Server.

Indexes

[sys.dm_db_missing_index_details](#)

Returns detailed information about missing indexes, excluding spatial indexes.

In Azure SQL Database, DMVs cannot expose information that would impact database containment or expose information about other databases the user has access to.

[sys.dm_db_missing_index_group_stats](#)

Returns summary information about groups of missing indexes, excluding spatial indexes.

In Azure SQL Database, DMVs cannot expose information that would impact database containment or expose information about other databases the user has access to.

[sys.dm_db_missing_index_groups](#)

This DMV returns information about indexes that are missing in a specific index group, except for spatial indexes.

In Azure SQL Database, DMVs cannot expose information that would impact database containment or expose information about other databases the user has access to.

[sys.dm_db_missing_index_group_stats_query](#)

Returns information about queries that needed a missing index from groups of missing indexes, excluding spatial indexes. More than one query may be returned per missing index group. One missing index group may have several queries that needed the same index.

In Azure SQL Database, DMVs cannot expose information that would impact database containment or expose information about other databases the user has access to.

[sys.dm_db_index_physical_stats](#)

Returns size and fragmentation information for the data and indexes of the specified table or view in SQL Server.

For an index, one row is returned for each level of the B-tree in each partition.

For a heap, one row is returned for the IN_ROW_DATA allocation unit of each partition.

Tempdb Database

[sys.dm_db_session_space_usage](#)

Returns the number of pages allocated and deallocated by each session for the database.

Internal objects are only in tempdb.

[sys.dm_db_task_space_usage](#)

Returns page allocation and deallocation activity by task for the database.

Internal objects are only in tempdb.

Wait stats

[sys.dm_os_wait_stats](#)

Returns information about all the waits encountered by threads that executed.

You can use this aggregated view to diagnose performance issues with SQL Server and also with specific queries and batches.

[sys.dm_exec_session_wait_stats](#) provides similar information by session.

[sys.dm_db_wait_stats](#)

Returns information about all the waits encountered by threads that executed during operation. You can use this aggregated view to diagnose performance issues with Azure SQL Database and also with specific queries and batches.

Specific types of wait times during query execution can indicate bottlenecks or stall points within the query. Similarly, high wait times, or wait counts server wide can indicate bottlenecks or hot spots in interaction query interactions within the server instance.

For example, lock waits indicate data contention by queries; page IO latch waits indicate slow IO response times; page latch update waits indicate incorrect file layout.

[sys.dm_os_waiting_tasks](#)

Returns information about the wait queue of tasks that are waiting on some resource.

Resource governance

[sys.dm_resource_governor_resource_pools](#)

Returns information about the current resource pool state, the current configuration of resource pools, and resource pool statistics.

[sys.dm_resource_governor_workload_groups](#)

Returns workload group statistics and the current in-memory configuration of the workload group

```
SELECT *
FROM sys.dm_exec_cached_plans AS cp
CROSS APPLY sys.dm_exec_sql_text(plan_handle) AS st
CROSS APPLY sys.dm_exec_query_plan_stats(plan_handle) AS qps;
```

[illegible]

sys.dm_exec_query_stats

Returns aggregate performance statistics for cached query plans in SQL Server.

[illegible]

The following have prefixes of total_, last_, min_ and max_

For example, `total_worker_time`, `last_worker_time`, `min_worker_time` and `max_worker_time`

| | |
|---------------------------------|--------|
| total_worker_time | 84296 |
| total_physical_reads | 0 |
| total_logical_writes | 0 |
| total_logical_reads | 12528 |
| total_clr_time | 0 |
| total_elapsed_time | 84435 |
| total_dop | 636 |
| total_grant_kb | 651264 |
| total_used_grant_kb | 5856 |
| total_ideal_grant_kb | 345984 |
| total_reserved_threads | 0 |
| total_used_threads | 0 |
| total_columnstore_segment_reads | 0 |
| total_columnstore_segment_skips | 0 |
| total_spills | 0 |
| total_num_physical_reads | 0 |
| total_page_server_reads | 0 |
| total_num_page_server_reads | 0 |

sys.dm_exec_procedure_stats

Returns aggregate performance statistics for cached stored procedures.

[illegible]

The following have prefixes of `total_`, `last_`, `min_` and `max_`

For example, `total_worker_time`, `last_worker_time`, `min_worker_time` and `max_worker_time`

| | |
|-----------------------------|-----|
| total_worker_time | 380 |
| total_physical_reads | 0 |
| total_logical_writes | 0 |
| total_logical_reads | 30 |
| total_elapsed_time | 386 |
| total_spills | 0 |
| total_num_physical_reads | 0 |
| total_page_server_reads | 0 |
| total_num_page_server_reads | 0 |

sys.dm_exec_requests

Returns information about each request that is executing in SQL Server.

| | |
|-----------------------------|--------------------------------------|
| session_id | 1 |
| request_id | 0 |
| start_time | 3 Sep 21 00:15:24 |
| status | background |
| command | PARALLEL REDO TASK |
| sql_handle | NULL |
| statement_start_offset | NULL |
| statement_end_offset | NULL |
| plan_handle | NULL |
| database_id | 0 |
| user_id | 1 |
| connection_id | NULL |
| blocking_session_id | 0 |
| wait_type | DISPATCHER_QUEUE_SEMAPHORE |
| wait_time | 47650487 |
| last_wait_type | DISPATCHER_QUEUE_SEMAPHORE |
| wait_resource | |
| open_transaction_count | 0 |
| open_resultset_count | 1 |
| transaction_id | 0 |
| context_info | NULL |
| percent_complete | 0 |
| estimated_completion_time | 0 |
| cpu_time | 0 |
| total_elapsed_time | 47681021 |
| scheduler_id | 0 |
| task_address | 0x7F2A7C34186D7D0B |
| reads | 2 |
| writes | 2 |
| logical_reads | 2 |
| text_size | 4096 |
| language | us_english |
| date_format | mdy |
| date_first | 7 |
| quoted_identifier | 0 |
| arithabort | 0 |
| ansi_null_dflt_on | 0 |
| ansi_defaults | 0 |
| ansi_warnings | 0 |
| ansi_padding | 0 |
| ansi_nulls | 0 |
| concat_null_yields_null | 0 |
| transaction_isolation_level | 2 |
| lock_timeout | -1 |
| deadlock_priority | 0 |
| row_count | 0 |
| prev_error | 0 |
| nest_level | 1 |
| granted_query_memory | 0 |
| executing_managed_code | 0 |
| group_id | 1 |
| query_hash | NULL |
| query_plan_hash | NULL |
| statement_sql_handle | NULL |
| statement_context_id | NULL |
| dop | 1 |
| parallel_worker_count | NULL |
| external_script_request_id | NULL |
| is_resumable | 0 |
| page_resource | NULL |
| page_server_reads | 0 |
| dist_statement_id | 00000000-0000-0000-0000-000000000000 |
| label | NULL |

sys.dm_exec_connections

Returns information about the connections established to this instance of SQL Server and the details of each connection.

[illegible]

sys.dm_db_resource_stats

Returns CPU, I/O, and memory consumption for an Azure SQL Database database or an Azure SQL Managed Instance.

| | |
|-----------------------------|-------------------|
| end_time | 3 Sep 21 13:33:44 |
| avg_cpu_percent | 0 |
| avg_data_io_percent | 0 |
| avg_log_write_percent | 0 |
| avg_memory_usage_percent | 0.19 |
| xtp_storage_percent | 0 |
| max_worker_percent | 0 |
| max_session_percent | 1.33 |
| dtu_limit | 5 |
| avg_login_rate_percent | NULL |
| avg_instance_cpu_percent | 0.12 |
| avg_instance_memory_percent | 39.71 |
| cpu_limit | NULL |
| replica_role | 0 |

sys.resource_stats

Returns CPU usage and storage data for each Azure SQL Database.

| | |
|--------------------------------|-------------------|
| start_time | 2 Sep 21 09:30:47 |
| end_time | 2 Sep 21 09:35:48 |
| database_name | DP300 |
| sku | Basic |
| storage_in_megabytes | 27 |
| avg_cpu_percent | 0 |
| avg_data_io_percent | 0 |
| avg_log_write_percent | 0 |
| max_worker_percent | 0 |
| max_session_percent | 0 |
| dtu_limit | 5 |
| xtp_storage_percent | 0 |
| avg_login_rate_percent | NULL |
| avg_instance_cpu_percent | 0.08 |
| avg_instance_memory_percent | 30.58 |
| cpu_limit | NULL |
| allocated_storage_in_megabytes | 32 |

Related DMVs

sys.server_resource_stats

Returns CPU usage, IO, and storage data for Azure SQL Managed Instance.

sys.elastic_pool_resource_stats

Returns resource usage statistics for all the elastic pools in a SQL Database server.

sys.dm_tran_active_transactions

| | |
|---------------------------|-------------------------------|
| transaction_id | 15711 |
| name | PopulateLockOrdinalsForAllDBs |
| transaction_begin_time | 3 Sep 21 00:15:56 |
| transaction_type | 2 |
| transaction_uow | NULL |
| transaction_state | 2 |
| transaction_status | 0 |
| transaction_status2 | 0 |
| dtc_state | 0 |
| dtc_status | 0 |
| dtc_isolation_level | 0 |
| filestream_transaction_id | NULL |

sys.dm db missing index details

Returns detailed information about missing indexes, excluding spatial indexes.

| | |
|--------------------|--|
| index_handle | 3 |
| database_id | 5 |
| object_id | 1330103779 |
| equality_columns | [SalesOrderID] |
| inequality_columns | NULL |
| included_columns | [CustomerID] |
| statement | [DP300].[SalesLT].[SalesOrderHeaderCopy] |

sys.dm_db_missing_index_group_stats

Returns summary information about groups of missing indexes, excluding spatial indexes.

| | |
|-----------------------|-------------------|
| group_handle | 4 |
| unique_compiles | 1 |
| user_seeks | 1 |
| user_scans | 0 |
| last_user_seek | 6 Sep 21 09:04:57 |
| last_user_scan | NULL |
| avg_total_user_cost | 0.742181705 |
| avg_user_impact | 98.26 |
| system_seeks | 0 |
| system_scans | 0 |
| last_system_seek | NULL |
| last_system_scan | NULL |
| avg_total_system_cost | 0 |
| avg_system_impact | 0 |

sys.dm db missing index groups

This DMV returns information about indexes that are missing in a specific index group, except for spatial indexes.

| | |
|--------------------|---|
| index_group_handle | 4 |
| index_handle | 3 |

sys.dm_db_missing_index_group_stats query

Returns information about queries that needed a missing index from groups of missing indexes, excluding spatial indexes.

[illegible]

sys.dm_user_db_resource_governance

Returns actual configuration and capacity settings used by resource governance mechanisms in the current database or elastic pool.

| | |
|------------------------------------|--------------------------------------|
| database_id | 5 |
| logical_database_guid | FBE12256-2F4F-4767-8E72-68F387400F8F |
| physical_database_guid | 8CB58DAC-5460-493B-8B62-72A656CFBBE0 |
| server_name | dp300database |
| database_name | master |
| slo_name | System2_SQLG5 |
| dtu_limit | 0 |
| cpu_limit | 0 |
| min_cpu | 0 |
| max_cpu | 100 |
| cap_cpu | 100 |
| min_cores | 1 |
| max_dop | 1 |
| min_memory | 0 |
| max_memory | 100 |
| max_sessions | 640 |
| max_memory_grant | 25 |
| max_db_memory | 2805248 |
| govern_background_io | 1 |
| min_db_max_size_in_mb | 100 |
| max_db_max_size_in_mb | 512000 |
| default_db_max_size_in_mb | 512000 |
| db_file_growth_in_mb | 16 |
| initial_db_file_size_in_mb | 16 |
| log_size_in_mb | 163840 |
| instance_cap_cpu | 100 |
| instance_max_log_rate | 251658240 |
| instance_max_worker_threads | 775 |
| replica_type | 0 |
| max_transaction_size | 0 |
| checkpoint_rate_mbps | 20 |
| checkpoint_rate_io | 0 |
| last_updated_date_utc | 13 Sep 21 08:47:40 |
| primary_group_id | 2000000032 |
| primary_group_max_workers | 64 |
| primary_min_log_rate | 3145728 |
| primary_max_log_rate | 3145728 |
| primary_group_min_io | 3200 |
| primary_group_max_io | 3200 |
| primary_group_min_cpu | 40 |
| primary_group_max_cpu | 50 |
| primary_log_commit_fee | 3000 |
| primary_pool_max_workers | 0 |
| pool_max_io | -1 |
| govern_db_memory_in_resource_pool | 0 |
| volume_local_iops | 4000 |
| volume_managed_xstore_iops | 2500 |
| volume_external_xstore_iops | 2500 |
| volume_type_local_iops | 4800 |
| volume_type_managed_xstore_iops | 2500 |
| volume_type_external_xstore_iops | 2500 |
| volume_pfs_iops | 2500 |
| volume_type_pfs_iops | 2500 |
| user_data_directory_space_quota_mb | 931839 |
| user_data_directory_space_usage_mb | 270 |
| bufferpool_extension_size_gb | 0 |

sys.resource_usage

Provides hourly summary of resource usage data for user databases in the current server. Historical data is retained for 90 days.

| | |
|----------------------|-------------------|
| end_time | 2 Sep 21 10:25:47 |
| database_name | DP300 |
| sku | Basic |
| storage_in_megabytes | 28 |

sys.dm_db_index_physical_stats

Returns size and fragmentation information for the data and indexes of the specified table or view in SQL Server.

| | |
|---|-----------------|
| DBName | DP300 |
| ObjectName | Address |
| avg_fragmentation_in_percent | 90 |
| page_count | 20 |
| database_id | 5 |
| object_id | 1778105375 |
| index_id | 1 |
| partition_number | 1 |
| index_type_desc | CLUSTERED INDEX |
| alloc_unit_type_desc | IN_ROW_DATA |
| index_depth | 2 |
| index_level | 0 |
| avg_fragmentation_in_percent | 90 |
| fragment_count | 19 |
| avg_fragment_size_in_pages | 1.052631579 |
| page_count | 20 |
| avg_page_space_used_in_percent | NULL |
| record_count | NULL |
| ghost_record_count | NULL |
| version_ghost_record_count | NULL |
| min_record_size_in_bytes | NULL |
| max_record_size_in_bytes | NULL |
| avg_record_size_in_bytes | NULL |
| forwarded_record_count | NULL |
| compressed_page_count | NULL |
| hobt_id | 7.20576E+16 |
| columnstore_delete_buffer_state | 0 |
| columnstore_delete_buffer_state_desc | NOT VALID |
| version_record_count | NULL |
| inrow_version_record_count | NULL |
| inrow_diff_version_record_count | NULL |
| total_inrow_version_payload_size_in_bytes | NULL |
| offrow_regular_version_record_count | NULL |
| offrow_long_term_version_record_count | NULL |

sys.dm_db_file_space_usage

Returns space usage information for each data file in the database.

| | |
|-------------------------------------|------|
| database_id | 5 |
| file_id | 1 |
| filegroup_id | 1 |
| total_page_count | 6144 |
| allocated_extent_page_count | 3848 |
| unallocated_extent_page_count | 2296 |
| version_store_reserved_page_count | NULL |
| user_object_reserved_page_count | NULL |
| internal_object_reserved_page_count | NULL |
| mixed_extent_page_count | 248 |
| modified_extent_page_count | 1024 |

sys.dm_db_session_space_usage

Returns the number of pages allocated and deallocated by each session for the database.

| | |
|--|---|
| session_id | 1 |
| database_id | 2 |
| user_objects_alloc_page_count | 0 |
| user_objects_dealloc_page_count | 0 |
| internal_objects_alloc_page_count | 0 |
| internal_objects_dealloc_page_count | 0 |
| user_objects_deferred_dealloc_page_count | 0 |

sys.dm_db_task_space_usage

Returns page allocation and deallocation activity by task for the database.

| | |
|-------------------------------------|--------------------|
| task_address | 0x7F2A7C34186D7D0B |
| is_remote_task | 0 |
| session_id | 1 |
| request_id | 0 |
| exec_context_id | 0 |
| database_id | 2 |
| user_objects_alloc_page_count | 0 |
| user_objects_dealloc_page_count | 0 |
| internal_objects_alloc_page_count | 0 |
| internal_objects_dealloc_page_count | 0 |

sys.dm_tran_locks

Returns information about currently active lock manager resources in SQL Server.

| | |
|-------------------------------|--------------------------------------|
| resource_type | DATABASE |
| resource_subtype | |
| resource_database_id | 5 |
| resource_description | |
| resource_associated_entity_id | 0 |
| resource_lock_partition | 0 |
| request_mode | S |
| request_type | LOCK |
| request_status | GRANT |
| request_reference_count | 1 |
| request_lifetime | 0 |
| request_session_id | 80 |
| request_exec_context_id | 0 |
| request_request_id | 0 |
| request_owner_type | SHARED_TRANSACTION_WORKSPACE |
| request_owner_id | 0 |
| request_owner_guid | 00000000-0000-0000-0000-000000000000 |
| request_owner_lockspace_id | 0x00000249FAA5A6E0:0:0 |
| lock_owner_address | 0x43C97043C8DAE999 |

sys.dm_os_job_object

Returns a single row describing the configuration of the job object that manages the SQL Server process.

| | |
|-----------------------------|-----------------|
| cpu_rate | 60 |
| cpu_affinity_mask | 12884901888 |
| cpu_affinity_group | 1 |
| memory_limit_mb | 2672 |
| process_memory_limit_mb | 2672 |
| workingset_limit_mb | 2265 |
| non_sos_mem_gap_mb | 500 |
| low_mem_signal_threshold_mb | 80 |
| total_user_time | 8061250000 |
| total_kernel_time | 1533906250 |
| write_operation_count | 3504179 |
| read_operation_count | 772224 |
| peak_process_memory_used_mb | 1477 |
| peak_job_memory_used_mb | 1477 |
| process_physical_affinity | {{1,300000000}} |

sys.dm_io_virtual_file_stats

Returns I/O statistics for data and log files.

| | |
|--------------------------|--------------------|
| database_id | 1 |
| file_id | 1 |
| sample_ms | 1854214171 |
| num_of_reads | 74 |
| num_of_bytes_read | 4677632 |
| io_stall_read_ms | 216 |
| io_stall_queued_read_ms | 121 |
| num_of_writes | 359 |
| num_of_bytes_written | 4358144 |
| io_stall_write_ms | 400 |
| io_stall_queued_write_ms | 28 |
| io_stall | 616 |
| size_on_disk_bytes | 4849664 |
| file_handle | 0x0000000000000000 |

sys.dm_os_performance_counters

Returns a row per performance counter maintained by the server.

| | |
|---------------|-------------------------------|
| object_name | MSSQL\$E1056CC40498:Databases |
| counter_name | Transactions/sec |
| instance_name | model_masterdb |
| cntr_value | 7 |
| cntr_type | 272696576 |

sys.dm_os_wait_stats

Returns information about all the waits encountered by threads that executed.

| | |
|---------------------|---------|
| wait_type | LCK_M_S |
| waiting_tasks_count | 15 |
| wait_time_ms | 8530 |
| max_wait_time_ms | 2061 |
| signal_wait_time_ms | 5 |

sys.dm_exec_session_wait_stats
provides similar information by session.

sys.dm db wait stats

Returns information about all the waits encountered by threads that executed during operation.

| | |
|---------------------|---------------------|
| wait_type | SOS_SCHEDULER_YIELD |
| waiting_tasks_count | 266 |
| wait_time_ms | 5418 |
| max_wait_time_ms | 89 |
| signal_wait_time_ms | 5418 |

sys.dm_os_waiting_tasks

Returns information about the wait queue of tasks that are waiting on some resource.

| | |
|--------------------------|--|
| waiting_task_address | 0xD8E696502C138626 |
| session_id | 103 |
| exec_context_id | 0 |
| wait_duration_ms | 22006 |
| wait_type | LCK_M_U |
| resource_address | 0x3A0055FBBFAE832F |
| blocking_task_address | NULL |
| blocking_session_id | 90 |
| blocking_exec_context_id | NULL |
| resource_description | keylock hobtid=72057594048872448 dbid=6 id=lock28117429600 mode=X associatedObjectId=72057594048872448 |

sys.dm_resource_governor_resource_pools

Returns workload group statistics and the current in-memory configuration of the workload group.

| | |
|---------------------------------------|----------------------|
| pool_id | 256 |
| name | myPool |
| statistics_start_time | 20 Sep 2021 14:08:12 |
| total_cpu_usage_ms | 0 |
| cache_memory_kb | 0 |
| compile_memory_kb | 0 |
| used_memgrant_kb | 0 |
| total_memgrant_count | 0 |
| total_memgrant_timeout_count | 0 |
| active_memgrant_count | 0 |
| active_memgrant_kb | 0 |
| memgrant_waiter_count | 0 |
| max_memory_kb | 26836016 |
| used_memory_kb | 0 |
| target_memory_kb | 26836016 |
| out_of_memory_count | 0 |
| min_cpu_percent | 0 |
| max_cpu_percent | 20 |
| min_memory_percent | 0 |
| max_memory_percent | 100 |
| cap_cpu_percent | 100 |
| min_iops_per_volume | NULL |
| max_iops_per_volume | NULL |
| read_io_queued_total | NULL |
| read_io_issued_total | NULL |
| read_io_completed_total | 0 |
| read_io_throttled_total | NULL |
| read_bytes_total | 0 |
| read_io_stall_total_ms | 0 |
| read_io_stall_queued_ms | NULL |
| write_io_queued_total | NULL |
| write_io_issued_total | NULL |
| write_io_completed_total | 0 |
| write_io_throttled_total | NULL |
| write_bytes_total | 0 |
| write_io_stall_total_ms | 0 |
| write_io_stall_queued_ms | NULL |
| io_issue_violations_total | NULL |
| io_issue_delay_total_ms | NULL |
| io_issue_ahead_total_ms | NULL |
| reserved_io_limited_by_volume_total | NULL |
| io_issue_delay_non_throttled_total_ms | NULL |
| total_cpu_delayed_ms | 0 |
| total_cpu_active_ms | 0 |
| total_cpu_violation_delay_ms | 0 |
| total_cpu_violation_sec | 0 |
| total_cpu_usage_preemptive_ms | 0 |

sys.dm_resource_governor_workload_groups

Returns workload group statistics and the current in-memory configuration of the workload group

| | |
|--|----------------------|
| group_id | 2 |
| name | default |
| pool_id | 2 |
| external_pool_id | 2 |
| statistics_start_time | 20 Sep 2021 09:46:18 |
| total_request_count | 17106 |
| total_queued_request_count | 0 |
| active_request_count | 3 |
| queued_request_count | 0 |
| total_cpu_limit_violation_count | 0 |
| total_cpu_usage_ms | 24366 |
| max_request_cpu_time_ms | 424 |
| blocked_task_count | 0 |
| total_lock_wait_count | 7 |
| total_lock_wait_time_ms | 521453 |
| total_query_optimization_count | 1731 |
| total_suboptimal_plan_generation_count | 35 |
| total_reduced_memgrant_count | 0 |
| max_request_grant_memory_kb | 111872 |
| active_parallel_thread_count | 0 |
| importance | Medium |
| request_max_memory_grant_percent | 25 |
| request_max_cpu_time_sec | 0 |
| request_memory_grant_timeout_sec | 0 |
| group_max_requests | 0 |
| max_dop | 0 |
| effective_max_dop | 2 |
| total_cpu_usage_preemptive_ms | 5481 |
| request_max_memory_grant_percent_numeric | 25 |