

WITH [Waits] AS

^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ (SELECT

[illegible][illegible][illegible]
$$\frac{([wait_time_ms] - [signal_wait_time_ms]) / 1000.0 AS [ResourceS]$$
[illegible]

[signal_wait_time_ms] / 1000.0 AS [SignalS],

[illegible]
$$100.0 * [\text{exit_time_end}] / \text{SUM}([\text{exit_time_end}]) \text{ OVER } () \text{ AS } [\text{Percentage}]$$

$100.0 \cdot [\text{wait_time_ms}] / \text{SUM}([\text{wait_time_ms}]) \text{ OVER()} \text{ AS [Percentage],}$

^ ^

ROW_NUMBER() OVER(ORDER BY [wait_time_ms] DESC) AS
[RowNum]

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â FROM sys.dm_os_wait_stats

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â WHERE [wait_type] NOT IN (

Â
N'CLR_SEMAPHORE',Â Â Â N'LAZYWRITER_SLEEP',

Â
N'RESOURCE_QUEUE',Â Â N'SQLTRACE_BUFFER_FLUSH',

Â
N'SLEEP_TASK',Â Â Â Â Â Â N'SLEEP_SYSTEMTASK',

Â
N'WAITFOR',Â Â Â Â Â Â Â Â Â
N'HADR_FILESTREAM_IOMGR_IOCOMPLETION',

Â
N'CHECKPOINT_QUEUE', N'REQUEST_FOR_DEADLOCK_SEARCH',

Â
N'XE_TIMER_EVENT',Â Â N'XE_DISPATCHER_JOIN',

Â
N'LOGMGR_QUEUE',Â Â Â Â N'FT_IFTS_SCHEDULER_IDLE_WAIT',

Â
N'BROKER_TASK_STOP', N'CLR_MANUAL_EVENT',

Â
N'CLR_AUTO_EVENT',Â Â N'DISPATCHER_QUEUE_SEMAPHORE',

Â
N'TRACEWRITE',Â Â Â Â Â Â Â N'XE_DISPATCHER_WAIT',

Â
N'BROKER_TO_FLUSH',Â N'BROKER_EVENTHANDLER',

Â
N'FT_IFTSHC_MUTEX',Â
N'SQLTRACE_INCREMENTAL_FLUSH_SLEEP',

Â
N'DIRTY_PAGE_POLL')

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â)

SELECT

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â [W1].[wait_type] AS [WaitType],

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â CAST ([W1].[WaitS] AS
DECIMAL(14, 2)) AS [Wait_S],

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â CAST ([W1].[ResourceS] AS
DECIMAL(14, 2)) AS [Resource_S],

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â CAST ([W1].[SignalS] AS
DECIMAL(14, 2)) AS [Signal_S],

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â [W1].[WaitCount] AS [WaitCount],

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â CAST ([W1].[Percentage] AS
DECIMAL(4, 2)) AS [Percentage],

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â CAST (([W1].[WaitS] /

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[W1].[WaitCount]) AS DECIMAL (14, 4)) AS [AvgWait_S],

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â CAST (([W1].[ResourceS] /
[W1].[WaitCount]) AS DECIMAL (14, 4)) AS [AvgRes_S],

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â CAST (([W1].[SignalS] /
[W1].[WaitCount]) AS DECIMAL (14, 4)) AS [AvgSig_S]

FROM [Waits] AS [W1]

INNER JOIN [Waits] AS [W2]

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â ON [W2].[RowNum] <=
[W1].[RowNum]

GROUP BY [W1].[RowNum], [W1].[wait_type], [W1].[WaitS],

Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â [W1].[ResourceS], [W1].[SignalS],
[W1].[WaitCount], [W1].[Percentage]

HAVING SUM ([W2].[Percentage]) - [W1].[Percentage] < 95; -- percentage
threshold

GO

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