NICE DB2SPI

Smart Plug-In for DB2 Databases

Reference Guide



Software Version 04.00

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NiCE IT Management Solutions GmbH Liebigstrasse 9 71229 Leonberg GERMANY

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Metric Number	DB2 SPI Metric	Description	Policy group	Available for DB2 V9.5 and earlier	Pre 4.0 Metric Number	Metric Level	Report	Graph
10100	DBM_Status	The state of database manager instance. 0=active,1/2=quiesce or quiesce pending, 99=unreachable	DB2SPI Core	yes	n/a	Instance		
10101	DBM_Agents_Created_Due_to_ Empty_Pool_Percent	The percentage of "Agents Created Due to Empty Pool" to "Agents Assigned From Pool".	DB2SPI Core	yes	0560	Instance	ASCII	
10102	DBM_Connections_Configured_ Percent	The percentage of connections per MAX_COORDAGENTS database manager configuration parameter.	DB2SPI Core	yes	2600	Instance		PM
10103	DBM_Local_Connections	The number of local applications that are currently connected to a database within the database manager instance being monitored.	not used for alarming	yes	0380	Instance	Report	PM
10104	DBM_Local_Connections_ Executing	The number of local connections connected and currently processing a unit of work.	not used for alarming	yes	0650	Instance	ASCII	PM
10105	DBM_Remote_Connections	The number of remote connections.	not used for alarming	yes	0750	Instance	Report	PM
10106	DBM_Remote_Connections_ Executing	The number of remote connections currently processing a unit of work	not used for alarming	yes	0640	Instance		PM
10107	DBM_Post_Threshold_Sorts	The number of sorts that have requested heaps after the sort heap threshold has been exceeded. (post_threshold_sorts)	DB2SPI Core	yes	0130	Instance		
10108	DBM_Sort_Heap_Allocated	The number of total allocated pages of sort heap space for all sorts in the active databases (sort_heap_allocated)	not used for alarming	yes	0180	Instance		
10109	DBM_Product	The details of the version of the DB2 instance that is running.	not used for alarming	yes	n/a	Instance		
10110	DBM_Service_Level	The current corrective service level of the DB2 instance.	not used for alarming	yes	n/a	Instance		
10111	DBM_Start_Time	The date and time that the database manager was started.	not used for alarming	yes	n/a	Instance		

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12600	DBM_Memory_Full_Percent	The percentage of current pool size to configured pool size.	DB2SPI Core	no	n/a	Instance		
12604	DBM_Memory_Usage	The current memory pool usage in megabytes for all memory pools.	not used for alarming	no	n/a	Instance		
20500	DB_Database_Path	The full path of the location where the database is stored on the monitored system.	not used for alarming	yes	n/a	Database		
20501	DB_Last_Backup	The time elapsed inhours since the last backup was taken (current_time - last_backup).	DB2SPI Core	yes	n/a	Database		
20502	DB_Server_Platform	The operating system running the database server.	not used for alarming	yes	n/a	Database		
20503	DB_Status	The database status provides details about the database availability. If unavailable, details are provided in the annotations.	DB2SPI Core	yes	0261	Database	Report	PM
20504	DB_Apps_Connected	The number of applications currently connected in the database	not used for alarming	yes	0071	Database		PM
20505	DB_Apps_Connected_Percent	The percentage of application currently connected per database configuration parameter "MAXAPPL".	DB2SPI Core	yes	2071	Database		PM
20506	DB_Apps_Waiting_Percent	The percentage of applications in the database that are waiting on locks	DB2SPI Core	yes	0151	Database		PM
20507	DB_Avg_BP_Read_Time	Average buffer pool read time for the database	DB2SPI Core	yes	0781	Database		PM
20508	DB_Avg_BP_Write_Time	Average buffer pool write time for the database	DB2SPI Core	yes	0791	Database		PM
20509	DB_Data_Hit_Ratio	The data hit ratio, that is, the percentage of time that the database manager did not need to load a page from disk to service a data page request for this database.	DB2SPI Core	yes	n/a	Database		РМ

Metric Number	DB2 SPI Metric	Description	Policy group	Available for DB2 V9.5 and earlier	Pre 4.0 Metric Number	Metric Level	Report	Graph
20510	DB_Dirty_Steals	The quota of dirty steal cleans per 1000 transactions in the monitoring interval.	DB2SPI Core	yes	n/a	Database		
20511	DB_Index_Hit_Ratio	The index hit ratio, that is, the percentage of time that the database manager did not need to load a page from disk to service an index data page request for this database.	DB2SPI Core	yes	0081	Database		PM
20512	DB_Temp_Data_Hit_Ratio	The temp data hit ratio, that is, the percentage of time that the database manager did not need to load a page from disk to service a data page request for this database.	not used for alarming	yes	n/a	Database		
20513	DB_Temp_Index_Hit_Ratio	The temp index hit ratio, that is, the percentage of time that the database manager did not need to load a page from disk to service an index data page request for this database.	not used for alarming	yes	n/a	Database		
20514	DB_Catalog_Cache_Hit_Ratio	Indicates how well the catalog cache is avoiding catalog accesses. If the percentage is high, then the cache is performing well.	DB2SPI Core	yes	0111	Database		
20515	DB_Package_Cache_Hit_Ratio	Determines whether or not the package cache is being used effectively. The higher the percentage the better.	DB2SPI Core	yes	0571 replaceme nt	Database		
20516	DB_Package_Cache_Inserts	The number of package cache insertions per 1000 transactions.	DB2SPI Core	yes	n/a	Database		
20517	DB_Sort_Heap_Space	The average sort heap space used by each sort. (active_sorts/sort_heap_allocated)	DB2SPI Core	yes	0451	Database		РМ
20518	DB_Sort_Overflow_Percent	The percent of sort overflows in the database. (sort_overflows/total_sorts)	DB2SPI Core	yes	0061	Database		
20519	DB_Sort_Time	The average elapsed time per sort. (total_sort_time / total_sorts)	DB2SPI Core	yes	0431	Database		РМ

Metric Number	DB2 SPI Metric	Description	Policy group	Available for DB2 V9.5 and earlier	Pre 4.0 Metric Number	Metric Level	Report	Graph
20520	DB_Transaction_Sort_Time	The normalized time spend sorting in milliseconds per 1000 transactions (1000* total_sort_time/tranactions)	DB2SPI Core	yes	n/a	Database		
20521	DB_Deadlocks	The total number of deadlocks during the monitoring interval	DB2SPI Core	yes	0211 replaceme nt	Database		РМ
20522	DB_Lock_Escalations	The number of times that locks have been escalated from several row locks to a table lock during the monitoring interval(successful and aborted).	DB2SPI Core	yes	0191 replaceme nt	Database		PM
20523	DB_Lock_List_Percent_Used	Percent lock list memory used in the database	DB2SPI Core	yes	0461	Database		РМ
20524	DB_Lock_Timeouts	The number of times that a request to lock an object timed out during the monitoring interval (successful and aborted).	DB2SPI Core	yes	0011	Database		PM
20525	DB_Lock_Waits	The number of times that applications or connections waited for locks in the monitoring interval (successful and aborted).	not used for alarming	yes	0021	Database		РМ
20526	DB_Locks_Held_Percent	Percent locks held in the database	DB2SPI Core	yes	0471	Database		PM
20527	DB_Log_Reads_Growth_Percent	Growth percentage of transaction log pages read by the logger in the monitoring interval (log_reads).	not used for alarming	yes	0811	Database		
20528	DB_Log_Space_Available_ Percent	Percent total transactional log space available in the database (total_log_available/(total_log_used+total_log_available))	DB2SPI Core	yes	0861	Database		РМ
20529	DB_Log_Space_Growth_Percent	Growth percentage of the total transaction log space in KB in the monitoring interval if watermark is moved up.	DB2SPI Core	yes	0831	Database		РМ
20530	DB_Log_Space_Used_Percent	Percent total transaction log space used in the database (total_log_used/ (total_log_used+total_log_available))	DB2SPI Core	yes	0851	Database		PM

Metric Number	DB2 SPI Metric	Description	Policy group	Available for DB2 V9.5 and earlier	Pre 4.0 Metric Number	Metric Level	Report	Graph
20531	DB_Log_Write_Time	The average time per 1000 transaction spent by the logger writing log data to the disk	DB2SPI Core	yes	n/a	Database		
20532	DB_Log_Writes_Growth_ Percent	Growth percentage of transaction log pages written by the logger in the monitoring interval (log_writes).	not used for alarming	yes	0821	Database		
20533	DB_Secondary_Logs_Available	The percentage of secondary transaction logs files remaining to be allocated in the database	DB2SPI Core	yes	0421	Database	ASCII	
20534	DB_Secondary_Logs_Used	The number of secondary transaction logs files currently being used for the database	DB2SPI Core	yes	0411	Database		PM
20535	DB_Direct_Read_Time	Average direct read time in milliseconds for the database (direct_read_time/direct_reads)	DB2SPI Core	yes	0091	Database		PM
20536	DB_Direct_Reads	Direct reads by the database in the monitoring interval (direct_reads)	not used for alarming	yes	0701	Database	Report	PM
20537	DB_Direct_Write_Time	Average direct write time in milliseconds for the database (direct_writes_time/direct_writes)	DB2SPI Core	yes	0101	Database		PM
20538	DB_Direct_Writes	Direct writes by the database in the monitoring interval (direct_writes)	not used for alarming	yes	0711	Database	Report	PM
20539	DB_Physical_Reads_ Transaction	The average bufferpool physical reads per transactions done by agents and prefetchers.	DB2SPI Core	yes	0681 and 661 replaceme nt	Database		PM
20540	DB_Physical_Writes_ Transaction	The average bufferpool writes per transactions done by agents and page cleaners.	DB2SPI Core	yes	0671 and 691 replaceme nt	Database		РМ
20541	DB_Transactions_Load	The number of transactions per second.	not used for alarming	yes	n/a	Database		

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20601	DB_HADR_Connect_Status_ Alert	The current HADR connect status of a HADR database as string. The value is one of: 7=CONGESTED, 10=CONNECTED, 0= DISCONNECTED	DB2SPI Details-> HADR	yes	n/a	Database	
20602	DB_HADR_Connect_Status_ Report	The current HADR connect status of a HADR database as string. The value is one of: CONGESTED, CONNECTED, DISCONNECTED	not used for alarming	yes	n/a	Database	
20603	DB_HADR_Heartbeat	The health of the HADR connection represented by the number of consecutively missed heartbeats on the HADR connection in the monitoring interval. If the element is zero, the connection is healthy. The higher the value, the worse the condition of the connection. (hadr_heartbeat)	DB2SPI Details-> HADR	yes	n/a	Database	
20604	DB_HADR_Local_Host	The effective HADR local host name.	not used for alarming	yes	n/a	Database	
20605	DB_HADR_Local_Service	The effective HADR local service name.	not used for alarming	yes	n/a	Database	
20606	DB_HADR_Log_Gap	The running average of the gap between the primary log sequence number (LSN) and the standby log ISN. The gap is measured in number of bytes.	DB2SPI Details-> HADR	yes	n/a	Database	
20607	DB_HADR_Remote_Host	The effective HADR remote host name.	not used for alarming	yes	n/a	Database	
20608	DB_HADR_Remote_Instance	The effective HADR remote instance name.	not used for alarming	yes	n/a	Database	
20609	DB_HADR_Remote_Service	The effective HADR remote service name.	not used for alarming	yes	n/a	Database	
20610	DB_HADR_Role	The current HADR role of the database. The value is one of: PRIMARY,STANDARD,STANDBY.	not used for alarming	yes	n/a	Database	

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20611	DB_HADR_Status_Alert	The current HADR status of a HADR database for alarming. The value is one of: 0=DISCONNECTED, 7= LOCAL_CATCHUP, 10=PEER, 5=REM_CATCH_PEN, 6=REM_CATCHUP.	DB2SPI Details-> HADR	yes	n/a	Database		
20612	DB_HADR_Status_Report	The current HADR status of a HADR database as string. The value is one of: DISCONNECTED, LOCAL_CATCHUP, PEER, REM_CATCH_PEN, REM_CATCHUP.	not used for alarming	yes	n/a	Database		
20613	DB_HADR_Syncmode	The current effective HADR synchronization of a HADR database as string. The value is one of: ASYNC, NEARSYNC, SUPERSYNC, SYNC	not used for alarming	yes	n/a	Database		
21000	DB_Free_Space	Percent free space in the database	DB2SPI Details-> Tablespaces+ Bufferpools	yes	n/a	Database		
21001	DB_Size	Size of the database in MB.	not used for alarming	yes	n/a	Database		
21002	DB_Tbsp_Size_Growth_Rate	The growth rate of the database size. The rate in percentage that the database has grown in the monitoring interval.	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0991 replaceme nt	Database		
21003	DB_Tbsp_Percent_Free_Space	The tablespace with the least percentage of free space is returned. Use the drill down ASCII Report to obtain full details.	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0933 replaceme nt	Database		
21004	DB_Tbsp_State	The tablespace with a state other than NORMAL is returned. See detailed reports for all tablespace where this occurs. (tablespace_state)	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0953 replaceme nt	Database		

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22000	DB_CPU_Average_Time	The average amount of CPU time, in microseconds, used by all external requests that completed successfully. This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Core	no	n/a	Database		
22001	DB_Lock_Wait_Time_Percent	The percentage of time spent waiting within the DB2 database server that was spent waiting on locks. This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Core	no	n/a	Database		РМ
22002	DB_Index_Efficiency	The average number of rows read from the table per rows returned. This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Core	no	n/a	Database		
22003	DB_Activity_Wait_Time_Percent	The percentage of the time spent executing activities that was spent waiting within the DB2 database server.	DB2SPI Core	no	n/a	Database		PM
22004	DB_Agent_Wait_Time_Percent	The percentage of time spent waiting within the DB2 database server that was spent by an application queued to wait for an agent under concentrator configurations.	DB2SPI Core	no	n/a	Database		РМ
22005	DB_Commit_Time_Percent	The percentage of time the database server spent actively working on requests that was spent performing commit processing or rolling back transactions.	DB2SPI Core	no	n/a	Database		РМ

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22006	DB_Compile_Time_Percent	The percentage of time the database server spent actively working on requests that was spent compiling an SQL statement. This includes explicit and implicit compile times.	DB2SPI Core	no	n/a	Database		PM
22007	DB_IO_Wait_Time_Percent	The percentage of the time spent waiting within the DB2 database that was due to I/O operations. This includes time spent performing direct reads or direct writes, and reading data or index pages from tablespace to bufferpool or writing them back to disk.		no	n/a	Database		РМ
22008	DB_Network_Wait_Time_ Percent	The percentage of time spent waiting within the DB2 database server that was spent on client-server communications. This includes time spent sending and receiving data over TCP/IP or using the IPC protocol.	DB2SPI Core	no	n/a	Database		РМ
22009	DB_Request_Wait_Time_Percent	The percentage of the time spent working on requests that was spent waiting within the DB2 database server. This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Core	no	n/a	Database		РМ
22010	DB_Run_Routine_Time_Percent	The percentage of time the database server spent working on requests that was spent executing user routines.	not used for alarming	no	n/a	Database		PM
22011	DB_Section_Processing_Time_ Percent	The percentage of time the database server spent actively working on requests that was spent executing sections. This includes the time spent performing sorts.	DB2SPI Core	no	n/a	Database		PM

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22012	DB_Utility_Run_Time_Percent	The percentage of time the database server spent actively working on requests that was spent running utilities. This includes performing runstats, reorganization, and load operations.	DB2SPI Core	no	n/a	Database		РМ
22013	DB_BP_Hit_Ratio	The overall hit ratio, that is, the percentage of time that the database manager did not need to load a page from disk to service a page request for this database.	DB2SPI Core	yes	0031	Database		
22101	DB_BP_Prefetch_Ratio	The percentage of pages read asynchronously (with prefetching) per database. If many applications are reading data synchronously without prefetching, your system might not be tuned optimally.Roll up calculation from metric 62101	DB2SPI Details-> Tablespaces+ Bufferpools	no	n/a	Database		
22102	DB_BP_Prefetch_Unread_Ratio	The percentage of pages read asynchronously from disk, but never accessed by a query. Roll up calculation from metric 62102	DB2SPI Details-> Tablespaces+ Bufferpools	no	n/a	Database		
22202	DB_CPU_Time	The total amount of CPU time used for all database members in milliseconds during the monitoring interval. See drill down for details. This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Core	no	n/a	Database		

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22601	DB_Memory_Config_Size	The internally configured size in KB all memory pool in DB2 database system. Cummulated over all Memory pools, except APPLICATION and APPLICATION_SHARED	not used for alarming	yes	n/a	Database		
22602	DB_Memory_Current_Size	The current database memory size in KB. It is a sum of all memory pools at database level. Cummulated over all Memory pools, except APPLICATION and APPLICATION_SHARED	not used for alarming	yes	n/a	Database		
22603	DB_Memory_Usage	The percentage full of the database memory pools. Cummulated over all Memory pools, except APPLICATION and APPLICATION_SHARED	DB2SPI Core	no	n/a	Database		
22700	DB_SQL_Overflown_Sorts	Returns the number of sorting overflows for the SQL statement with the most overflows. (sort_overflows) This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Details-> SQL Queries	no	n/a	Database		
22701	DB_SQL_Sort_Time	Returns the sorting time in seconds of the SQL Query with the longest sorting time (total_section_sort_time). This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Details-> SQL Queries	no	n/a	Database		
22702	DB_SQL_Deadlocks	SQL statements with regards to deadlocks. It returns the SQL Query with the most deadlocks (deadlocks).	DB2SPI Details-> SQL Queries	no	n/a	Database		

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22703	DB_SQL_Lock_Escalations	SQL statements with regards to lock escalations. It returns the SQL Query with the most lock escalations (lock_escals).	DB2SPI Details-> SQL Queries	no	n/a	Database		
22704	DB_SQL_Lock_Wait_Time	SQL statements with regards to lock wait time. It returns the SQL Query with the longest lock wait time (lock_wait_time).	DB2SPI Details-> SQL Queries	no	n/a	Database		
22705	DB_SQL_Table_Scans	Returns the SQL Query with the most rows read per rows returned (rows_read / rows_returned). This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Details-> SQL Queries	no	n/a	Database		
22706	DB_SQL_Direct_Read_Time	The metric returns the read time in seconds for the SQL Query with the longest direct read time (direct_read_time). This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Details-> SQL	no	n/a	Database		
22707	DB_SQL_Physical_Read_Time		DB2SPI Details-> SQL Queries	no	n/a	Database		
22708	DB_SQL_Rows_Read	The metric returns the SQL Query with the most rows read (rows_read). This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	DB2SPI Details-> SQL Queries	no	n/a	Database		
22709	DB_SQL_CPU_Time	Monitors SQL statements with regards to CPU time used. The metric returns the run time in seconds for the SQL Query consuming the most cpu time. (total_CPU_time).	DB2SPI Details-> SQL Queries	no	n/a	Database		

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22710	DB_SQL_Elapsed_Time	Monitors SQL statements with regards to elapsed time used. The metric returns the run time in seconds for the longest running SQL Query. (total_act_time).	DB2SPI Details-> SQL Queries	no	n/a	Database		
22711	DB_SQL_Wait_Time	Monitors SQL statements with regards to wait time. The metric returns the SQL Query that has the longest wait time in seconds. (total_act_wait_time)	DB2SPI Details-> SQL Queries	no	n/a	Database		
32200	APP_Receive_Balance	The flow rate between data received and data sent between different partitions in a cluster for one application. This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	not used for alarming	no	n/a	Application	ASCII	
32201	APP_Send_Balance	The flow rate between data sent and data received between different partitions in a cluster or one application. This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	not used for alarming	no	n/a	Application	ASCII	
32203	APP_CPU_Time	The amount of CPU time used for the application while within DB2 during the monitoring interval. It represents total of both user and system CPU time.	not used for alarming	no	n/a	Application		
32500	APP_Mem_Usage	The current size of the memory_pool for an application in megabytes. This metriv is only avalable for DB2 V9.7 FP5.	not used for alarming	no	n/a	Application		
42300	FCM_Buffer_Free_Percent	The percentage of free FCM buffers to total FCM buffers	DB2SPI Details-> FCM	yes	0896	FCM Connection	ASCII	
42301	FCM_Channels_Free_Percent	The percenage of free FCM channels to total FCM channels	DB2SPI Details-> FCM	no	n/a	FCM Connection	ASCII	

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42400	FCM_Connection_Status	The connection status between the nodes listed in the db2nodes.cfg. 0=Connection active, 5=No current connection.	DB2SPI Details-> FCM	no	n/a	FCM Connection		
42401	FCM_Connections_Lost	The number of times that an FCM network connection to a remote member was unexpectedly disconnected.	DB2SPI Details-> FCM	no	n/a	FCM Connection		
42404	FCM_Send_Balance	The flow rate between data received and data sent between different partitions in a cluster for a database. This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	not used for alarming	no	n/a	FCM Connection		
42405	FCM_Receive_Balance	The flow rate between data sent and data received between different partitions in a cluster for a database. This metric is not available for DB2 versions before 9.7. For upgraded DB2 installations, make sure that each database has been upgraded.	not used for alarming	no	n/a	FCM Connection		
51002	TBSP_Size_Growth_Rate	The growth rate of a particular table space within the monitoring interval.	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0963 replaceme nt	Table Space	Report	
51003	TBSP_Percent_Free_Space	The percentage of free space in a particular tablespace.	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0933	Table Space	Report, ASCII	
51004	TBSP_State	The state of a particular tablespace. It may consist of several substates.	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0953	Table Space		
51005	TBSP_Avg_BP_Read_Time	The average milliseconds per bufferpool read in the tablespace (pool_read_time/logical and physical reads).	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0783	Table Space		

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51006	TBSP_Avg_BP_Write_Time	The average milliseconds per bufferpool write in the tablespace (pool_read_time/logical and physical reads).	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0793	Table Space		
51007	TBSP_BP_Hit_Ratio	The buffer pool hit ratios for a tablespace (based on SNAP_GET_TBSP)	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0033	Table Space		
51008	TBSP_Size	The size in megabytes of a particular tablespace.	not used for alarming	yes	0933 partly	Table Space	Report	
52800	TBSP_Data_Hit_Ratio	The data hit ratio, that is, the percentage of time that the database manager did not need to load a page from disk to service a data page request. (DATA_HIT_RATIO_PERCENT)	DB2SPI Details-> Tablespaces+ Bufferpools	yes	n/a	Table Space		
52801	TBSP_Index_Hit_Ratio	The index hit ratio, that is, the percentage of time that the database manager did not need to load a page from disk to service an index data page request. (INDEX_HIT_RATIO_PERCENT)	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0083	Table Space		
61100	BP_Hit_Ratio	The buffer pool hit ratios for a tablespace (based on SNAP_GET_BP).	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0035	Buffer Pool		
62101	BP_Prefetch_Ratio	The percentage of pages read asynchronously (with prefetching) per buffer pool If many applications are reading data synchronously without prefetching, your system might not be tuned optimally.	DB2SPI Details-> Tablespaces+ Bufferpools	no	n/a	Buffer Pool		
62102	BP_Prefetch_Unread_Ratio	The percentage of pages read asynchronously from disk, but never accessed by a query.	DB2SPI Details-> Tablespaces+ Bufferpools	no	n/a	Buffer Pool		

Metric Number	DB2 SPI Metric	Description	Policy group	Available for DB2 V9.5 and earlier	Pre 4.0 Metric Number	Metric Level	Report	Graph
62103	BP_Data_Hit_Ratio	The data hit ratio, that is, the percentage of time that the database manager did not need to load a page from disk to service a data page request. (DATA_HIT_RATIO_PERCENT)	DB2SPI Details-> Tablespaces+ Bufferpools	yes	n/a	Buffer Pool		
62104	BP_Index_Hit_Ratio	The index hit ratio, that is, the percentage of time that the database manager did not need to load a page from disk to service an index data page request. (INDEX_HIT_RATIO_PERCENT)	DB2SPI Details-> Tablespaces+ Bufferpools	yes	0085	Buffer Pool		
	not used for alarming ASCII Report PM	The metric is used for performance monitoring, DB2SPI ASCII Report HP Reporter Report HP Performance Manager	reporting or as a roll-up	source for o	other metr	ics.		

		Auto		Min /	Initial		
Policy Name	Policy Group	deploy	Туре	Max	Threshold	Unit	Schedule
							DB2DPI_Collect_5m
DB2_10100_DBM_Status			Measurement				DB2SPI_Collect_30m
	DB2SPI Core	yes	Threshold	Max	0, 1, 2, 90	Status	DB2SPI_Collect_60m
DB2_10101_DBM_Agents_Created_Due_to_			Measurement				DROCRI College 60m
Empty_Pool_Percent	DB2SPI Core	yes	Threshold	Max	200	%	DB2SPI_Collect_60m
DB2_10102_DBM_Connections_Configured_			Measurement				DB2SPI Collect 60m
Percent	DB2SPI Core	yes	Threshold	Max	80	%	DB23F1_Collect_coll1
DB2_10107_DBM_Post_Threshold_Sorts			Measurement			Number of	DB2SPI Collect 60m
DB2_10107_DBINI_1 03t_11iic3iioid_00it3	DB2SPI Core	yes	Threshold	Max	50	sorts	DB261 1_661166t_66111
DB2_12600_DBM_Memory_Full_Percent			Measurement				DB2SPI Collect 60m
552_12666_55m_memory_r an_r 6166111	DB2SPI Core	yes	Threshold	Max	90	%	
DB2_20501_DB_Last_Backup			Measurement				DB2SPI Collect 60m
	DB2SPI Core	yes	Threshold	Max	10	Hours	
							DB2DPI_Collect_5m
DB2_20503_DB_Status	DD00D10		Measurement		3.5 4.4 9 19	.	DB2SPI_Collect_30m
	DB2SPI Core	yes	Threshold	Min	29 90	Status	DB2SPI_Collect_60m
DB2_20505_DB_Apps_Connected_Percent	DD00DL0		Measurement	B.4 -	00	0/	DB2SPI_Collect_30m
	DB2SPI Core	yes	Threshold	Max	80	%	DB2SPI_Collect_60m
DB2_20506_DB_Apps_Waiting_Percent	DD00DL0		Measurement	Mari	40	0/	DB2SPI_Collect_30m
	DB2SPI Core	yes	Threshold	Max	10	%	DB2SPI_Collect_60m
DB2_20507_DB_Avg_BP_Read_Time	DD00DL0		Measurement	Mari	000	Millianananala	DB2SPI_Collect_30m
	DB2SPI Core	yes	Threshold	Max	200	Milliseconds	DB2SPI_Collect_60m
DB2_20508_DB_Avg_BP_Write_Time	DD2CDI Coro	1/00	Measurement	Mov	200	Milliagganda	DB2SPI_Collect_30m
	DB2SPI Core	yes	Threshold	Max	200	Milliseconds	DB2SPI_Collect_60m
DB2_20509_DB_Data_Hit_Ratio	DD2CDI Coro	1/00	Measurement	Min	70	%	DB2SPI_Collect_60m
	DB2SPI Core	yes	Threshold	Min	70	% Number of	
DD2 20540 DD Diety Stools			Measurement			dirty steal	DD2CDL Colloct COm
DB2_20510_DB_Dirty_Steals	DB2SPI Core	VOC	Threshold	Max	5	cleans	DB2SPI_Collect_60m
	DDZSFICUIE	yes	Measurement	iviax	J	CICALIS	
DB2_20511_DB_Index_Hit_Ratio	DB2SPI Core	V00	Threshold	Min	80	%	DB2SPI_Collect_60m
	DDZSFI COIE	yes	THESHOU	IVIII I	00	/0	

		Auto		Min /	Initial		
Policy Name	Policy Group	deploy	Туре	Max	Threshold	Unit	Schedule
DB2_20514_DB_Catalog_Cache_Hit_Ratio	DB2SPI Core	yes	Measurement Threshold	Min	80	%	DB2SPI_Collect_60m
DB2_20515_DB_Package_Cache_Hit_Ratio	DB2SPI Core	yes	Measurement Threshold	Min	80	%	DB2SPI_Collect_60m
DB2_20516_DB_Package_Cache_Inserts	DB2SPI Core	yes	Measurement Threshold	Max	50	Number of insertions	DB2SPI_Collect_60m
DB2_20517_DB_Sort_Heap_Space	DB2SPI Core	yes	Measurement Threshold	Max	230	Number of sort heap pages	DB2SPI_Collect_30m DB2SPI_Collect_60m
DB2_20518_DB_Sort_Overflow_Percent	DB2SPI Core	yes	Measurement Threshold	Max	3	%	DB2SPI_Collect_60m
DB2_20519_DB_Sort_Time	DB2SPI Core	yes	Measurement Threshold	Max	100	Milliseconds	DB2SPI_Collect_60m
DB2_20520_DB_Transaction_Sort_Time	DB2SPI Core	yes	Measurement Threshold	Max	2	Milliseconds	DB2SPI_Collect_60m
DB2_20521_DB_Deadlocks	DB2SPI Core	yes	Measurement Threshold	Max	1	Number of deadlocks	DB2SPI_Collect_60m
DB2_20522_DB_Lock_Escalations	DB2SPI Core	yes	Measurement Threshold	Max	5	Number of escalations	DB2SPI_Collect_60m
DB2_20523_DB_Lock_List_Percent_Used	DB2SPI Core	yes	Measurement Threshold	Max	75	%	DB2SPI_Collect_60m
DB2_20524_DB_Lock_Timeouts	DB2SPI Core	yes	Measurement Threshold	Max	5	Number of timeouts	DB2SPI_Collect_60m
DB2_20526_DB_Locks_Held_Percent	DB2SPI Core	yes	Measurement Threshold	Max	90	%	DB2SPI_Collect_60m
DB2_20528_DB_Log_Space_Available_Perce	DB2SPI Core	yes	Measurement Threshold	Min	20	%	DB2DPI_Collect_5m DB2SPI_Collect_30m DB2SPI_Collect_60m
DB2_20529_DB_Log_Space_Growth_Percent	DB2SPI Core	yes	Measurement Threshold	Max	10	%	DB2DPI_Collect_5m DB2SPI_Collect_30m DB2SPI_Collect_60m

		Auto		Min /	Initial		
Policy Name	Policy Group	deploy	Туре	Max	Threshold	Unit	Schedule
DB2_20530_DB_Log_Space_Used_Percent			Measurement				DB2DPI_Collect_5m DB2SPI_Collect_30m
	DB2SPI Core	yes	Threshold	Max	80	%	DB2SPI_Collect_60m
DB2_20531_DB_Log_Write_Time	DB2SPI Core	yes	Measurement Threshold	Max	1500	Microsecond s	DB2SPI_Collect_60m
DB2_20533_DB_Secondary_Logs_Available	DB2SPI Core	yes	Measurement Threshold	Min	15	%	DB2DPI_Collect_5m DB2SPI_Collect_30m DB2SPI_Collect_60m
DB2_20534_DB_Secondary_Logs_Used	DB2SPI Core	yes	Measurement Threshold	Max	10	Number of log files	DB2SPI_Collect_60m
DB2_20535_DB_Direct_Read_Time	DB2SPI Core	yes	Measurement Threshold	Max	500	Milliseconds	DB2DPI_Collect_5m DB2SPI_Collect_30m DB2SPI_Collect_60m
DB2_20537_DB_Direct_Write_Time	DB2SPI Core	yes	Measurement Threshold	Max	500	Milliseconds	DB2DPI_Collect_5m DB2SPI_Collect_30m DB2SPI_Collect_60m
DB2_20539_DB_Physical_Reads_Transaction	DB2SPI Core	yes	Measurement Threshold	Max	5	Number of reads	DB2SPI_Collect_60m
DB2_20540_DB_Physical_Writes_Transaction	DB2SPI Core	yes	Measurement Threshold	Max	5	Number of writes	DB2SPI_Collect_60m
DB2_20601_DB_HADR_Connect_Status_Aler t	DB2SPI Details-> HADR	no	Measurement Threshold	Min	1	Status	not scheduled
DB2_20603_DB_HADR_Heartbeat	DB2SPI Details-> HADR	no	Measurement Threshold	Max	10	Number of heartbeats	DB2DPI_Collect_5m DB2SPI_Collect_30m DB2SPI_Collect_60m
DB2_20606_DB_HADR_Log_Gap	DB2SPI Details-> HADR	no	Measurement Threshold	Max	10000	Bytes	DB2DPI_Collect_5m DB2SPI_Collect_30m DB2SPI_Collect_60m
DB2_20611_DB_HADR_Status_Alert	DB2SPI Details-> HADR	no	Measurement Threshold	Min	4,5	Status	not scheduled

		Auto		Min /	Initial		
Policy Name	Policy Group	deploy	Туре	Max	Threshold	Unit	Schedule
	DB2SPI Details->						DB2SPI Collect TBSP+B
DB2_21000_DB_Free_Space	Tablespaces+		Measurement				F_daily
	Bufferpools	no	Threshold	Max	80	%	1 _uany
	DB2SPI Details->						DB2SPI Collect TBSP+B
DB2_21002_DB_Tbsp_Size_Growth_Rate	Tablespaces+		Measurement				F_daily
	Bufferpools	no	Threshold	Max	50	%	uany
	DB2SPI Details->						DB2SPI Collect TBSP+B
DB2_21003_DB_Tbsp_Percent_Free_Space	Tablespaces+		Measurement			0.4	F daily
	Bufferpools	no	Threshold	Max	10	%	
DDG GAGGA DD TI	DB2SPI Details->						DB2SPI Collect TBSP+B
DB2_21004_DB_Tbsp_State	Tablespaces+		Measurement		0.5	0	F daily
	Bufferpools	no	Threshold	Max	0,5	Status	_ ,
DB2_22000_DB_CPU_Average_Time	DD00DL0		Measurement	N.4	0500	Microsecond	
	DB2SPI Core	yes	Threshold	Max	2500	S	DB2SPI_Collect_60m
DB2_22001_DB_Lock_Wait_Time_Percent	DB2SPI Core	V00	Measurement Threshold	Max	20	%	DB2SPI_Collect_60m
	DB23F1 Cole	yes	Measurement	IVIAX	20	Number of	DB23F1_Collect_60III
DB2_22002_DB_Index_Efficiency	DB2SPI Core	yes	Threshold	Max	5	rows	DB2SPI_Collect_60m
	DD23F1 Cole	усз	Measurement	IVIAX	<u> </u>	10W5	DB23F1_Collect_colli
DB2_22003_DB_Activity_Wait_Time_Percent	DB2SPI Core	yes	Threshold	Max	0	%	DB2SPI_Collect_60m
	DD20110010	yco	Measurement	WIGA		70	BB2011_00iicot_00iii
DB2_22004_DB_Agent_Wait_Time_Percent	DB2SPI Core	yes	Threshold	Max	0	%	DB2SPI_Collect_60m
	DD20110010	you	Measurement	Max		70	BB261 1_6611660(_66111
DB2_22005_DB_Commit_Time_Percent	DB2SPI Core	yes	Threshold	Max	0	%	DB2SPI_Collect_60m
		,	Measurement				
DB2_22006_DB_Compile_Time_Percent	DB2SPI Core	yes	Threshold	Max	0	%	DB2SPI_Collect_60m
DDG GGGGT DD IQ W '' T'			Measurement				
DB2_22007_DB_IO_Wait_Time_Percent	DB2SPI Core	yes	Threshold	Max	0	%	DB2SPI_Collect_60m
DB2_22008_DB_Network_Wait_Time_Percen			Measurement				_ _
t	DB2SPI Core	yes	Threshold	Max	0	%	DB2SPI_Collect_60m

		Auto		Min /	Initial		
Policy Name	Policy Group	deploy	Туре	Max	Threshold	Unit	Schedule
DB2_22009_DB_Request_Wait_Time_Percen			Measurement				
t	DB2SPI Core	yes	Threshold	Max	30	%	DB2SPI_Collect_60m
DB2_22011_DB_Section_Processing_Time_P			Measurement				
ercent	DB2SPI Core	yes	Threshold	Max	0	%	DB2SPI_Collect_60m
DB2_22012_DB_Utility_Run_Time_Percent	DB2SPI Core	ves	Measurement Threshold	Max	0	%	DB2SPI Collect 60m
	DDZGI T GGIC	ycs	Measurement	IVIAX	0	70	DB2011_00ilcet_00ill
DB2_22013_DB_BP_Hit_Ratio	DB2SPI Core	ves	Threshold	Min	70	%	DB2SPI Collect 60m
	DB2SPI Details->	jee			. 0	70	
DB2 22101 DB BP Prefetch Ratio	Tablespaces+		Measurement				DB2SPI Collect TBSP+B
	Bufferpools	no	Threshold	Min	85	%	F daily
	DB2SPI Details->						
DB2_22102_DB_BP_Prefetch_Unread_Ratio	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Max	5	%	F_daily
DB2 22202 DB CPU Time			Measurement				
DB2_22202_DB_CF O_TIME	DB2SPI Core	yes	Threshold	Max	10000	Milliseconds	DB2SPI_Collect_60m
DB2_22603_DB_Memory_Usage			Measurement				
DB2_22003_DB_Wefflory_03age	DB2SPI Core	yes	Threshold	Max	85	%	DB2SPI_Collect_60m
DB2 22700 DB SQL Overflown Sorts	DB2SPI Details->		Measurement			Number of	
552_22766_55_642_6766661.6	SQL Queries	no	Threshold	Max	1	overflows	not scheduled
DB2_22701_DB_SQL_Sort_Time	DB2SPI Details->		Measurement		_		
	SQL Queries	no	Threshold	Max	5		not scheduled
DB2_22702_DB_SQL_Deadlocks	DB2SPI Details->	20	Measurement	Mov	0	Number of	not cobodulad
_	SQL Queries DB2SPI Details->	no	Threshold Measurement	Max	0	deadlocks Number of	not scheduled
DB2_22703_DB_SQL_Lock_Escalations	SQL Queries	no	Threshold	Max	0	escalations	not scheduled
	DB2SPI Details->	110	Measurement	IVIAX	U	escalations	not scrieduled
DB2_22704_DB_SQL_Lock_Wait_Time	SQL Queries	no	Threshold	Max	0	Milliseconds	not scheduled
	DB2SPI Details->	110	Measurement	IVIAA	<u> </u>	Number of	not solieudied
DB2_22705_DB_SQL_Table_Scans	SQL Queries	no	Threshold	Max	5	rows	not scheduled
	CGE GUOTIOS	1.0	THOUND	IVIUA	•	· OVVO	not conocaloa

		Auto		Min /	Initial		
Policy Name	Policy Group	deploy	Туре	Max	Threshold	Unit	Schedule
DB2_22706_DB_SQL_Direct_Read_Time	DB2SPI Details-> SQL Queries	no	Measurement Threshold	Max	10	Milliseconds	not scheduled
DB2_22707_DB_SQL_Physical_Read_Time	DB2SPI Details-> SQL Queries	no	Measurement Threshold	Max	20	Milliseconds	not scheduled
DB2_22708_DB_SQL_Rows_Read	DB2SPI Details-> SQL Queries	no	Measurement Threshold	Max	10000	Number of rows	not scheduled
DB2_22709_DB_SQL_CPU_Time	DB2SPI Details-> SQL Queries	no	Measurement Threshold	Max	10	microsecond s	not scheduled
DB2_22710_DB_SQL_Elapsed_Time	DB2SPI Details-> SQL Queries	no	Measurement Threshold	Max	30	Milliseconds	not scheduled
DB2_22711_DB_SQL_Wait_Time	DB2SPI Details-> SQL Queries	no	Measurement Threshold	Max	20	Milliseconds	not scheduled
DB2_42300_FCM_Buffer_Free_Percent	DB2SPI Details-> FCM	no	Measurement Threshold	Min	100	%	not scheduled
DB2_42301_FCM_Channels_Free_Percent	DB2SPI Details-> FCM	no	Measurement Threshold	Min	100	%	not scheduled
DB2_42400_FCM_Connection_Status	DB2SPI Details-> FCM	no	Measurement Threshold	Min	4	Status	not scheduled
DB2_42401_FCM_Connections_Lost	DB2SPI Details-> FCM	no	Measurement Threshold	Max	0	Number of disconnects	not scheduled
DB2_51002_TBSP_Size_Growth_Rate	DB2SPI Details-> Tablespaces+ Bufferpools	no	Measurement Threshold	Max	10	%	DB2SPI_Collect_TBSP+E F_daily
DB2_51003_TBSP_Percent_Free_Space	DB2SPI Details-> Tablespaces+ Bufferpools	no	Measurement Threshold	Min	50	%	DB2SPI_Collect_TBSP+EF_daily
DB2_51004_TBSP_State	DB2SPI Details-> Tablespaces+ Bufferpools	no	Measurement Threshold	Max	1	State	DB2SPI_Collect_TBSP+EF_daily

		Auto		Min /	Initial		
Policy Name	Policy Group	deploy	Туре	Max	Threshold	Unit	Schedule
	DB2SPI Details->						
DB2_51005_TBSP_Avg_BP_Read_Time	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
, and the second	Bufferpools	no	Threshold	Max	200	Milliseconds	F_daily
	DB2SPI Details->						
DB2_51006_TBSP_Avg_BP_Write_Time	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Max	200	Milliseconds	F_daily
	DB2SPI Details->						
DB2_51007_TBSP_BP_Hit_Ratio	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Min	90	%	F_daily
	DB2SPI Details->						
DB2_52800_TBSP_Data_Hit_Ratio	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Min	60	%	F_daily
	DB2SPI Details->						
DB2_52801_TBSP_Index_Hit_Ratio	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Min	60	%	F_daily
	DB2SPI Details->						
DB2_61100_BP_Hit_Ratio	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Min	80	%	F_daily
	DB2SPI Details->						
DB2_62101_BP_Prefetch_Ratio	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Min	85	%	F_daily
	DB2SPI Details->						
DB2_62102_BP_Prefetch_Unread_Ratio	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Max	5	%	F_daily
	DB2SPI Details->						
DB2_62103_BP_Data_Hit_Ratio	Tablespaces+		Measurement				DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Min	80	%	F_daily
	DB2SPI Details->						DD00DL 0 II . TD00 -
DB2_62104_BP_Index_Hit_Ratio	Tablespaces+		Measurement		0.0	0.4	DB2SPI_Collect_TBSP+B
	Bufferpools	no	Threshold	Min	80	%	F_daily

		Auto		Min /	Initial		
Policy Name	Policy Group	deploy	Туре	Max	Threshold	Unit	Schedule
	DB2SPI Details->						
DB2SPI_Collect_TBSP+BF_daily	Tablespaces+						
	Bufferpools	no	Scheduled Task	n/a	n/a	n/a	daily
DB2SPI_Collect_5m	DB2SPI Core	yes	Scheduled Task	n/a	n/a	n/a	every 5 min
DB2SPI_Collect_30m	DB2SPI Core	yes	Scheduled Task	n/a	n/a	n/a	every 30 min
DB2SPI_Collect_60m	DB2SPI Core	yes	Scheduled Task	n/a	n/a	n/a	every 60 min
DB2_opcmsg	DB2SPI Core	yes	Message Interface	n/a	n/a	n/a	not scheduled
DB2_procmon	DB2SPI Core	yes	Scheduled Task	n/a	n/a	n/a	every 10 min
DB2SPI_discover	DB2SPI Core	yes	Scheduled Task	n/a	n/a	n/a	every 60 min
DB2SPI_discover_svctree	DB2SPI Core	yes	Scheduled Task	n/a	n/a	n/a	daily
DB2SPI fsize *			Measurement		100000-		
DB23F1_ISIZE	DB2SPI Core	yes	Threshold	Max	500000	Bytes	not scheduled yet
DB2SPI_ownlog1	DB2SPI Core	yes	Logfile Entry	n/a	n/a	n/a	every 3 min
DB2SPI_PerfLogger	DB2SPI Core	yes	Scheduled Task	n/a	n/a	n/a	every 5 min
DB2SPI_tracemon	DB2SPI Core	yes	Scheduled Task	n/a	n/a	n/a	every 60 min

NOTE *

DB2SPI_fsize for diag log works only for old style, non-rolling log. Rolling log are start a new log as soon as the old one reaches a predefined size.

DB2SPI predefined **PM** graphs

Category	Graph name	Metrics
Agents and Applications	Applications	DB2_20504_DB_Apps_Connected
		DB2_20505_DB_Apps_Connected_Percent
		DB2_20506_DB_Apps_Waiting_Percent
Agents and Applications	Current Applications	DB2_10102_DBM_Connections_Configured_Percent
Buffer pools	Buffer pool hit ratio	DB2_20509_DB_Data_Hit_Ratio
		DB2_20511_DB_Index_Hit_Ratio
Buffer pools	Bufferpool Read/Writes per Transaction	DB2_20539_DB_Physical_Reads_Transaction
		DB2_20540_DB_Physical_Writes_Transaction
Buffer pools	Average Read/Write Times	DB2_20507_DB_Avg_BP_Read_Time
		DB2_20508_DB_Avg_BP_Write_Time
Connections	Connections executing in the database manager	DB2_10104_DBM_Local_Connections_Executing
		DB2_10106_DBM_Remote_Connections_Executing
Connections	Connections to the database manager	DB2_10103_DBM_Local_Connections
		DB2_10105_DBM_Remote_Connections
Database	Database Status	DB2_20503_DB_Status
Direct I/O	Average direct read/write time for an application	DB2_20535_DB_Direct_Read_Time
		DB2_20537_DB_Direct_Write_Time
Direct I/O	Direct read/writes in the database	DB2_20536_DB_Direct_Reads
		DB2_20538_DB_Direct_Writes
Locks and deadlocks	Lock list	DB2_20523_DB_Lock_List_Percent_Used
		DB2_20526_DB_Locks_Held_Percent
Sorts	Sort heap	DB2_20517_DB_Sort_Heap_Space
Sorts	Sort time	DB2_20519_DB_Sort_Time
Transaction logging	Log space usage	DB2_20529_DB_Log_Space_Growth_Percent
Transaction logging	Secondary Logs	DB2_20534_DB_Secondary_Logs_Used
Transaction logging	Log space in the database	DB2_20528_DB_Log_Space_Available_Percent
		DB2_20530_DB_Log_Space_Used_Percent
Locks and deadlocks	Escalated Locks and Lock Waits	DB2_20525_DB_Lock_Waits
		DB2_20522_DB_Lock_Escalations
Locks and deadlocks	Number of locks/deadlocks	DB2_20525_DB_Lock_Waits
		DB2_20524_DB_Lock_Timeouts

DB2SPI predefined PM graphs

Category	Grap	h name Metrics
		DB2_20521_DB_Deadlocks
Performance	Wait times	DB2_22001_DB_Lock_Wait_Time_Percent
		DB2_22003_DB_Activity_Wait_Time_Percent
		DB2_22004_DB_Agent_Wait_Time_Percent
		DB2_22007_DB_IO_Wait_Time_Percent
		DB2_22008_DB_Network_Wait_Time_Percent
		DB2_22009_DB_Request_Wait_Time_Percent
Performance	Processing times	DB2_22005_DB_Commit_Time_Percent
		DB2_22006_DB_Compile_Time_Percent
		DB2_22010_DB_Run_Routine_Time_Percent
		DB2_22011_DB_Section_Processing_Time_Percent
		DB2_22012_DB_Utility_Run_Time_Percent

DB2SPI Tools

Tool	Toolgroup	Running on	Description	
	3 2 4			
DB2 CLP	DB2	Node	Starts the command line processor	
Show DB Config	DB2	Node	Show the database configuration	
Replication Status	DB2	Node	Check the status of DB2 Replication	
ASCII Report	DB2	Node	Starts the ASCII Reports selection/creation	
Show Mgr Config	DB2	Node	Displays the DB2 manager configuration data	
Show Snapshot	DB2	Node	Show snapshot data for a selected database	
Instance List	DB2	Node	Lists instances	
Instance Stop	DB2	Node	Stops a DB2 instance	
Instance Start	DB2	Node	Starts a DB2 instance	
Tablespace Mgmt	DB2 Management	Node	Manages Database Tablespaces	
Data Mgmt	DB2 Management	Node	Import and Export Data	
Instance Mgmt	DB2 Management	Node	Manages Database Instances	
Table Mgmt	DB2 Management	Node	Manages Database Tables	
Database Mgmt	DB2 Management	Node	Manages Database	
Applic Mgmt	DB2 Management	Node	Manages Applications	
Node Mgmt	DB2 Management	Node	Manages Node and Node Groups	
Miscellaneous	DB2 Management	Node	List Monitor Switches, Prune History/Logfile	
Database Migr	DB2 Management	Node	Migrates Database	
Backup/Restore	DB2 Management	Node	Backup and Restore Database	
Config Setup	DB2SPI Admin	Node	Initializes settings on selected node	
Config Delete	DB2SPI Admin	Node	Erase settings on selected node	
DB2SPI Test	DB2SPI Admin	Node	Tests the DB2SPI operation and returns database status	
Discovery Filter	DB2SPI Admin	Node	Define which DB2 instances are visible to DB2SPI discovery	
			Trigger the discovery of new DB2 elements and set newly discovered DB2	
Discovery Trigger	DB2SPI Admin	Node	instances and databases to 'monitored'	
License Check	DB2SPI Admin	Node	Check the DB2SPI licenses for managed nodes	
License List	DB2SPI Admin	Server	List all DB2SPI licenses added on the MgmtSvr	
License Add	DB2SPI Admin	Server	Install new DB2SPI licenses	
Entity Filter	DB2SPI Admin	Node	Define the list of entities to be monitored	
Datastore Delete	DB2SPI Admin	Node	Delete the metric stores	
Datastore Setup	DB2SPI Admin	Node	Set up the metric stores	

DB2SPI Tools

Tool	Toolgroup	Running on	Description	
DB2SPI Enable	DB2SPI Admin	Node	Enables the monitoring capability of the DB2SPI	
DB2SPI Disable	DB2SPI Admin	Node Disables monitoring capability of the DB2SPI		
PerfRep Enable	DB2SPI Admin	Node	Enables the forwarding of metric data to performance agents	
PerfRep Disable	DB2SPI Admin	Node	Disables the forwarding of metric data to performance agents	
OPCMON Enable	DB2SPI Admin	Node	Enables the metric forwarding to OVO via opcmon	
OPCMON Disable	DB2SPI Admin	Node	Disables metric forwarding to OVO via opcmon	
Snapshot Enable	DB2SPI Admin	Node	Starts the DB2 snapshots to be created	
Snapshot Disable	DB2SPI Admin	Node	Stops the DB2 snapshots from being created	
Trace Define	DB2SPI Maintenance	Node	Defines tracing of the DB2SPI	
Show DB2SPI Version	DB2SPI Maintenance	Node	Show the DB2SPI version string	
Self-Healing Info DB2 Server	DB2SPI Maintenance	Node	Runs SHS data collector on the DB2 server	
Rebind DB2SPI	DB2SPI Maintenance	Node	Rebind the DB2SPI applications to the DB2 databases	
Export DB2SPI Config	DB2SPI Maintenance	Node	Export the DB2SPI configuration to an XML file	
Import DB2SPI Config	DB2SPI Maintenance	Node	Import the DB2SPI configuration from an XML file	
Self-Healing Info OVO Server	DB2SPI Maintenance	Server	Runs SHS data collector on the OVO server	
Show DB2SPI Log	DB2SPI Maintenance	Node	Shows the DB2SPI log file	
ServiceTree Update	DB2SPI Maintenance	Node	Enforce update of the DB2 service tree	

DB2SPI Reports

Report name	Templates	Yesterday	Last Week	Last Month	All	DB2SPI Metrics used
DB2 Availability	All	у	у	у	у	20503
	Group	У	У	У	У	
	System	n	n	n	n	
DB2 Availability Details	All	у	У	у	у	20503
	Group	у	У	у	у	
	System	n	n	n	n	
Top 20 Physical I/O	All	у	У	у	у	20536, 20538
	Group	у	у	у	у	
	System	n	n	n	n	
Physical I/O Details	All	у	У	у	у	20536, 20538
	Group	у	У	у	у	
	System	n	n	n	n	
DB2 Top Connections	All	у	у	у	у	10103, 10105
	Group	у	у	у	у	
	System	n	n	n	n	
Top Tablespaces	All	n	У	у	у	DrillDown metric: 51002
	Group	n	У	у	у	
	System	n	У	у	у	
Tablespace Usage Trends	All	n	у	у	У	DrillDown metric: 51002
	Group	n	У	у	У	
	System	n	У	у	У	
Tablespace Details	All	n	у	у	У	DrillDown metric: 51002
	Group	n	У	у	У	
	System	n	У	у	у	