Insight MQ tables

PW_PWII_INSTANCE_ID

Defines the instances in the Precise installation.

Column Name	Column Description
PWII_ID	ID of the instance. Columns of XXXX_PWII_INSTANCE_ID have values from the column.
PWII_INSTANCE_NAME	Name of the instance.
PWII_TECHNOLOGY	Two characters defining the technology of the instance (such as OR for Oracle and JE for J2EE).
PWII_SERVER	Name of the server on which the instance is installed.

PW_MQBD_BODY_N

The WebSphere message body normalization table.

Column Name	Column Description
MQBD_ID	The ID of the WebSphere message body.
MQBD_STRING_VALUE	The name of the WebSphere message body.

PW_MQAT_ATTRIBUTES_N

The WebSphere message header fields normalization table.

Column Name	Column Description
MQAT_ID	The ID of the WebSphere message header fields.
MQAT_STRING_VALUE	The name of the WebSphere message header fields.

PW_MQMT_MSG_TYPES

The WebSphere message type normalization table.

Column Name	Column Description
MQMT_ID	The ID of the WebSphere message type.
MQMT_TYPE	The name of the WebSphere message type.

PW_MQSG_SERVER_GRP

The WebSphere server group table.

Column Name	Column Description
MQSG_INSM_ID	The ID of servers passing the WebSphere message.
MQSG_INGD_ID	The ID of the servers group passing the WebSphere message.

PW_MQMG_QUEUE_MGR_NAME_GRP

The WebSphere queue manager group table.

Column Name	Column Description
MQMG_MQMN_ID	The ID of queue manager passing the WebSphere message.
MQMG_INGD_ID	The ID of the queue manager group passing the WebSphere message.

PW_MQUG_USER_GRP

The WebSphere user group table.

Column Name	Column Description
MQUG_MQUN_ID	The ID of user passing the WebSphere message.
MQUG_INGD_ID	The ID of the user group passing the WebSphere message.

PW_MQQG_QUEUE_NAME_GRP

The WebSphere queue group table.

Column Name	Column Description
MQQG_MQQN_ID	The ID of queue passing the WebSphere message.
MQQG_INGD_ID	The ID of the queue group passing the WebSphere message.

PW_MQLG_APPLICATION_GRP

The WebSphere reader and writer applications group table.

Column Name	Column Description
MQLG_MQLN_ID	The ID of reader or writer applications passing the WebSphere message.
MQLG_INGD_ID	The ID of the reader or writer applications group passing the WebSphere message.

PW_MQUN_USER_N

The WebSphere user normalization table.

Column Name	Column Description
MQUN_ID	The ID of user passing the WebSphere message.
MQUN_STRING_VALUE	The name of the user passing the WebSphere message.

PW_MQLN_APPLICATION_N

The WebSphere application normalization table.

Column Name	Column Description
MQLN_ID	The ID of application passing the WebSphere message.

| MQLN_STRING_VALUE | The name of the application passing the WebSphere message. |

PW_MQMN_QUEUE_MGR_NAME_N

The WebSphere queue manager normalization table.

Column Name	Column Description
MQMN_ID	The ID of queue manager passing the WebSphere message.
MQMN_STRING_VALUE	The name of the queue manager passing the WebSphere message.

PW_MQQN_QUEUE_NAME_N

The WebSphere queue name normalization table.

Column Name	Column Description
MQQN_ID	The ID of queue passing the WebSphere message.
MQQN_STRING_VALUE	The name of the queue passing the WebSphere message.

PW_MQAC_ACTIONS_T

The WebSphere message activity summarized by each aggregated invocation.

Column Name	Column Description
MQAC_PWII_INSTANCE_ID	The ID of the instance passing the WebSphere message.
MQAC_TIMESTAMP	The time summary.
MQAC_MAJOR_MSG_ID	The ID of the WebSphere message.
MQAC_QUEUE_NAME	The ID of the queue passing the WebSphere message.
MQAC_QUEUE_MGR_NAME	The ID of the queue manager passing the WebSphere message.
MQAC_MSG_TYPE	The ID of the WebSphere message type.
MQAC_USER	The ID of the user passing the WebSphere message.
MQAC_RD_APPLICATION	The ID of the reader application passing the WebSphere message.
MQAC_WR_APPLICATION	The ID of the writer application passing the WebSphere message.
MQAC_ATTRIBUTES	The ID of the WebSphere message header fields.
MQAC_BODY	The ID of the WebSphere message body.
MQAC_STAT1_SUM	The number of message bytes, transferred while passing the WebSphere message.
MQAC_TIME1_SUM	Total time the WebSphere message waited in a queue.
MQAC_TIME2_SUM	Total WebSphere message processing time. This time includes the time the message was processed till it was placed in another queue.
MQAC_REQUESTS_SUM	Total number of WebSphere message executions.
MQAC_RED_SUM	Total number of WebSphere message executions, which Breached their SLA.
MQAC_YELLOW_SUM	Total number of WebSphere message executions, which Near Breached their SLA.
MQAC_GREEN_SUM	Total number of WebSphere message executions, which did Not Breach their SLA.

Expressions

Oracle	SQL Server	Expression Description

SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)	SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)	Total time WebSphere message was between two queue inserts.
SUM(MQAC_TIME1_TIME_SUM)/sum(decode (MQAC_REQUESTS_SUM,0,1, MQAC_REQUESTS_SUM))	SUM(MQAC_TIME1_TIME_SUM)/sum(decode (MQAC_REQUESTS_SUM,0,1, MQAC_REQUESTS_SUM))	Average time the WebSphere message waited in a queue.
SUM(MQAC_TIME2_TIME_SUM)/sum(decode (MAAC_REQUESTS_SUM,0,1, MQAC_REQUESTS_SUM))	SUM(MQAC_TIME2_TIME_SUM)/sum(decode (MAAC_REQUESTS_SUM,0,1, MQAC_REQUESTS_SUM))	Average WebSphere message processing time. This time includes the time the message was processed until it was placed in another queue.
SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)/sum (decode(MQAC_REQUESTS_SUM ,0,1, MQAC_REQUESTS_SUM))	SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)/sum (decode(MQAC_REQUESTS_SUM ,0,1, MQAC_REQUESTS_SUM))	Average time the WebSphere message was between two queues inserts.
SUM(MQAC_REQUESTS_SUM-MQAC_RED_SUM- MQAC_YELLOW_SUM-MQAC_GREEN_SUM)	SUM(MQAC_REQUESTS_SUM-MQAC_RED_SUM- MQAC_YELLOW_SUM-MQAC_GREEN_SUM)	Total number of WebSphere service executions, for which the SLA was not defined.
SUM(MQAC_RED_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	SUM(MQAC_RED_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	Percentage of WebSphere message executions, which Breached their SLA. The percentage is calculated out of the WebSphere messages, for which SLA was established.
SUM(MQAC_YELLOW_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	SUM(MQAC_YELLOW_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	Percentage of WebSphere message executions, which Near Breached their SLA. The percentage is calculated out of the WebSphere messages, for which SLA was established.
SUM(MQAC_GREEN_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	SUM(MQAC_GREEN_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	Percentage of WebSphere message executions, which Not Breached their SLA. The percentage is calculated out of the WebSphere messages, for which SLA was established.

PW_MQAC_ACTIONS_QMUAT_T

The WebSphere message activity summarized by each aggregated invocation.

Column Name	Column Description
MQAC_PWII_INSTANCE_ID	The ID of the instance passing the WebSphere message.
MQAC_TIMESTAMP	The time summary.
MQAC_QUEUE_NAME	The ID of the queue passing the WebSphere message.
MQAC_QUEUE_MGR_NAME	The ID of the queue manager passing the WebSphere message.
MQAC_MSG_TYPE	The ID of the WebSphere message type.
MQAC_USER	The ID of the user passing the WebSphere message.
MQAC_RD_APPLICATION	The ID of the reader application passing the WebSphere message.
MQAC_WR_APPLICATION	The ID of the writer application passing the WebSphere message.
MQAC_STAT1_SUM	The number of message bytes, transferred while passing the WebSphere message.
MQAC_TIME1_SUM	Total time the WebSphere message waited in a queue.

MQAC_TIME2_SUM	Total WebSphere message processing time. This time includes the time the message was processed till it was placed in another queue.
MQAC_REQUESTS_SUM	Total number of WebSphere message executions.
MQAC_RED_SUM	Total number of WebSphere message executions, which Breached their SLA.
MQAC_YELLOW_SUM	Total number of WebSphere message executions, which Near Breached their SLA.
MQAC_GREEN_SUM	Total number of WebSphere message executions, which did Not Breach their SLA.

Expressions

Oracle	SQL Server	Expression Description
SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)	SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)	Total time WebSphere message was between two queue inserts.
SUM(MQAC_TIME1_TIME_SUM)/sum(decode (MQAC_REQUESTS_SUM,0,1, MQAC_REQUESTS_SUM))	SUM(MQAC_TIME1_TIME_SUM)/sum(decode (MQAC_REQUESTS_SUM,0,1, MQAC_REQUESTS_SUM))	Average time the WebSphere message waited in a queue.
SUM(MQAC_TIME2_TIME_SUM)/sum(decode (MAAC_REQUESTS_SUM,0,1, MQAC_REQUESTS_SUM))	SUM(MQAC_TIME2_TIME_SUM)/sum(decode (MAAC_REQUESTS_SUM,0,1, MQAC_REQUESTS_SUM))	Average WebSphere message processing time. This time includes the time the message was processed until it was placed in another queue.
SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)/sum (decode(MQAC_REQUESTS_SUM ,0,1, MQAC_REQUESTS_SUM))	SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)/sum (decode(MQAC_REQUESTS_SUM ,0,1, MQAC_REQUESTS_SUM))	Average time the WebSphere message was between two queues inserts.
SUM(MQAC_REQUESTS_SUM-MQAC_RED_SUM- MQAC_YELLOW_SUM-MQAC_GREEN_SUM)	SUM(MQAC_REQUESTS_SUM-MQAC_RED_SUM- MQAC_YELLOW_SUM-MQAC_GREEN_SUM)	Total number of WebSphere service executions, for which the SLA was not defined.
SUM(MQAC_RED_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	SUM(MQAC_RED_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	Percentage of WebSphere message executions, which Breached their SLA. The percentage is calculated out of the WebSphere messages, for which SLA was established.
SUM(MQAC_YELLOW_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	SUM(MQAC_YELLOW_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	Percentage of WebSphere message executions, which Near Breached their SLA. The percentage is calculated out of the WebSphere messages, for which SLA was established.
SUM(MQAC_GREEN_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	SUM(MQAC_GREEN_SUM)/sum(decode (MQAC_RED_SUM+MQAC_YELLOW_SUM+ MQAC_GREEN_SUM,0,1, MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN)) *100	Percentage of WebSphere message executions, which Not Breached their SLA. The percentage is calculated out of the WebSphere messages, for which SLA was established.

PW_MQAC_ACTIONS_UAT_T

The WebSphere message activity summarized by each aggregated invocation.

Column Name	Column Description
MQAC_PWII_INSTANCE_ID	The ID of the instance passing the WebSphere message.
MQAC_TIMESTAMP	The time summary.

MQAC_MSG_TYPE	The ID of the WebSphere message type.
MQAC_USER	The ID of the user passing the WebSphere message.
MQAC_RD_APPLICATION	The ID of the reader application passing the WebSphere message.
MQAC_WR_APPLICATION	The ID of the writer application passing the WebSphere message.
MQAC_STAT1_SUM	The number of message bytes, transferred while passing the WebSphere message.
MQAC_TIME1_SUM	Total time the WebSphere message waited in a queue.
MQAC_TIME2_SUM	Total WebSphere message processing time. This time includes the time the message was processed till it was placed in another queue.
MQAC_REQUESTS_SUM	Total number of WebSphere message executions.
MQAC_RED_SUM	Total number of WebSphere message executions, which Breached their SLA.
MQAC_YELLOW_SUM	Total number of WebSphere message executions, which Near Breached their SLA.
MQAC_GREEN_SUM	Total number of WebSphere message executions, which did Not Breach their SLA.

Expressions

Oracle	SQL Server	Expression Description
SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)	SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)	Total time WebSphere message was between two queue inserts.
SUM(MQAC_TIME1_TIME_SUM)/sum(decode(MQAC_REQUESTS_SUM,0,1,MQAC_REQUESTS_SUM))	SUM(MQAC_TIME1_TIME_SUM)/sum(decode(MQAC_REQUESTS_SUM,0,1,MQAC_REQUESTS_SUM))	Average time the WebSphere message waited in a queue.
SUM(MQAC_TIME2_TIME_SUM)/sum(decode(MAAC_REQUESTS_SUM,0,1,MQAC_REQUESTS_SUM))	SUM(MQAC_TIME2_TIME_SUM)/sum(decode(MAAC_REQUESTS_SUM,0,1,MQAC_REQUESTS_SUM))	Average WebSphere message processing time. This time includes the time the message was processed until it was placed in another queue.
SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)/sum(decode(MQAC_REQUESTS_SUM ,0,1,MQAC_REQUESTS_SUM))	SUM(MQAC_TIME1_SUM+MQAC_TIME2_SUM)/sum(decode(MQAC_REQUESTS_SUM ,0,1,MQAC_REQUESTS_SUM))	Average time the WebSphere message was between two queues inserts.
SUM(MQAC_REQUESTS_SUM-MQAC_RED_SUM-MQAC_YELLOW_SUM-MQAC_GREEN_SUM)	SUM(MQAC_REQUESTS_SUM-MQAC_RED_SUM-MQAC_YELLOW_SUM-MQAC_GREEN_SUM)	Total number of WebSphere service executions, for which the SLA was not defined.
SUM(MQAC_RED_SUM)/sum(decode(MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN_SUM,0,1,MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN))*100	SUM(MQAC_RED_SUM)/sum(decode(MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN_SUM,0,1,MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN))*100	Percentage of WebSphere message executions, which Breached their SLA. The percentage is calculated out of the WebSphere messages, for which SLA was established.
SUM(MQAC_YELLOW_SUM)/sum(decode(MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN_SUM,0,1,MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN))*100	SUM(MQAC_YELLOW_SUM)/sum(decode(MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN_SUM,0,1,MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN))*100	Percentage of WebSphere message executions, which Near Breached their SLA. The percentage is calculated out of the WebSphere messages, for which SLA was established.
SUM(MQAC_GREEN_SUM)/sum(decode(MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN_SUM,0,1,MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN))*100	SUM(MQAC_GREEN_SUM)/sum(decode(MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN_SUM,0,1,MQAC_RED_SUM+MQAC_YELLOW_SUM+MQAC_GREEN))*100	Percentage of WebSphere message executions, which Not Breached their SLA. The percentage is calculated out of the WebSphere messages, for which SLA was established.