

Insight network and other 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_OTSG_SERVER_GRP

The other server group table.

Column Name	Column Description
OTSG_INSM_ID	The ID of the servers.
OTSG_INGD_ID	The ID of the server group running the Other Application Tier network requests.

PW_NTVN_SERVER_IP_N

The Insight network and other server IP normalization table.

Column Name	Column Description
NTVM_ID	The ID of the server IP.
NTVM_STRING_VALUE	The name of the server IP.

PW_NTCN_CONSUMER_IP_N

The Insight network and other client IP normalization table.

Column Name	Column Description
NTCN_ID	The ID of the client IP.
NTCN_STRING_VALUE	The name of the client IP.

PW_OTAC_VIEW_T

The other AppTier network activity summarized by each aggregated invocation.

Column Name	Column Description
OTAC_TIMESTAMP	The time summary.
OTAC_PWII_INSTANCE_ID	The ID of the instance running the Other Application Tier network requests.
OTAC_CONSUMER_IP	The ID of the client IP running the Other Application Tier network requests.
OTAC_CONSUMER_IP_GID	The ID of the client IP group running the Other Application Tier network requests.
OTAC_ID1	The ID of the server IP running the Other Application Tier network requests.
OTAC_NETWORK_TIME_SUM	Round-trip Other Application Tier activity network time between the Other Application Tier client and the Application server.
OTAC_STAT1_SUM	Total number of network packets, transferred while running the Other Application Tier network requests.

OTAC_STAT2_SUM	Total number of network bytes, transferred while running the Other Application Tier network requests.
OTAC_TIME1_SUM	Total Other application tier activity processing time. This time includes the time the Other Application Tier waited for other Other Application Tiers.
OTAC_REQUESTS_SUM	Total number of Other Application Tier network requests.
OTAC_RED_SUM	Total number of Other Application Tier activity executions, which Breached their SLA.
OTAC_YELLOW_SUM	Total number of Other Application Tier activity executions, which Near Breached their SLA.
OTAC_GREEN_SUM	Total number of Other Application Tier activity executions, which did Not Breach their SLA.

Expressions

Oracle	SQL Server	Expression Depression
sum (OTAC_NETWORK_TIME_SUM+OTAC_TIME1_SUM)	sum (OTAC_NETWORK_TIME_SUM+OTAC_TIME1_SUM)	Total Other Application Tier activity processing time. This time includes network and all other times, which sum the Other Application Tier response time.
sum(OTAC_NETWORK_TIME_SUM)/sum (decode(OTAC_REQUESTS_SUM,0,1,OTAC_REQUESTS_SUM))	sum(OTAC_NETWORK_TIME_SUM)/sum (decode(OTAC_REQUESTS_SUM,0,1,OTAC_REQUESTS_SUM))	Average round-trip Other Application Tier activity network time between the Other Application Tier client and the Application server.
sum(OTAC_TIME1_TIME_SUM)/sum (decode(OTAC_REQUESTS_SUM,0,1,OTAC_REQUESTS_SUM))	sum(OTAC_TIME1_TIME_SUM)/sum (decode(OTAC_REQUESTS_SUM,0,1,OTAC_REQUESTS_SUM))	Average Other Application Tier activity processing time. This time includes the time the Other Application Tier waited for other Other Application Tiers.
sum (OTAC_NETWORK_TIME_SUM+OTAC_TIME1_SUM)/ sum(decode (OTAC_REQUESTS_SUM,0,1,OTAC_REQUESTS_SUM))	sum (OTAC_NETWORK_TIME_SUM+OTAC_TIME1_SUM)/ sum(decode (OTAC_REQUESTS_SUM,0,1,OTAC_REQUESTS_SUM))	Average Other Application Tier activity processing time. This time includes network and all other times, which sum the Other Application Tier response time.
sum(OTAC_REQUESTS_SUM- OTAC_RED_SUM-OTAC_YELLOW_SUM- OTAC_GREEN_SUM)	sum(OTAC_REQUESTS_SUM- OTAC_RED_SUM-OTAC_YELLOW_SUM- OTAC_GREEN_SUM)	Total number of Other Application Tier activity executions, for which the SLA was not defined.
sum(OTAC_RED_SUM)/sum(decode (OTAC_RED_SUM+ OTAC_YELLOW_SUM+OTAC_GREEN_SUM, 0,1,OTAC_RED_SUM+ OTAC_YELLOW_SUM+OTAC_GREEN)))*100	sum(OTAC_RED_SUM)/sum(decode (OTAC_RED_SUM+ OTAC_YELLOW_SUM+OTAC_GREEN_SUM, 0,1, OTAC_RED_SUM+OTAC_YELLOW_SUM+OTAC_GREEN))*100	Percentage of Other Application Tier activity executions, which Breached their SLA. The percentage is calculated out of the Other Application Tier activities, for which the SLA was established.
sum(OTAC_YELLOW_SUM)/sum(decode (OTAC_RED_SUM+OTAC_YELLOW_SUM+OTAC_GREEN_SUM,0,1, OTAC_RED_SUM+OTAC_YELLOW_SUM+OTAC_GREEN))*100	sum(OTAC_YELLOW_SUM)/sum(decode (OTAC_RED_SUM+OTAC_YELLOW_SUM+OTAC_GREEN_SUM,0,1, OTAC_RED_SUM+OTAC_YELLOW_SUM+OTAC_GREEN))*100	Percentage of Other Application Tier activity executions, which Near Breached their SLA. The percentage is calculated out of the Other Application Tier activities, for which the SLA was established.
sum(OTAC_GREEN_SUM)/sum(decode (OTAC_RED_SUM+OTAC_YELLOW_SUM+OTAC_GREEN_SUM,0,1, OTAC_RED_SUM+OTAC_YELLOW_SUM+OTAC_GREEN))*100	sum(OTAC_GREEN_SUM)/sum(decode (OTAC_RED_SUM+OTAC_YELLOW_SUM+OTAC_GREEN_SUM,0,1, OTAC_RED_SUM+OTAC_YELLOW_SUM+OTAC_GREEN))*100	Percentage of Other Application Tier activity executions, which Not Breached their SLA. The percentage is calculated out of the Other Application Tier activities, for which the SLA was established.

PW_NTAC_VIEW_T

The network activity summarized by each aggregated invocation.

Column Name	Column Description
NTAC_TIMESTAMP	The time summary.
NTAC_PWII_INSTANCE_ID	The ID of the AppTier instance running the network requests.
OTAC_CONSUMER_IP	The ID of the client IP running the network requests.
NTAC_CONSUMER_IP_GID	The ID of the client IP group running the network requests.
NTAC_ID1	The ID of the server IP running the network requests.

NTAC_NETWORK_TIME_SUM	Round-trip network time between the Application client and the Application server.
NTAC_STAT1_SUM	Total number of network packets, transferred while running the network requests.
NTAC_STAT2_SUM	Total number of network bytes, transferred while running the network requests.
NTAC_REQUESTS_SUM	Total number of network requests.

Expressions

Oracle	SQL Server	Expression Description
$\frac{\text{sum}(\text{NTAC_NETWORK_TIME_SUM})}{\text{sum}(\text{decode}(\text{NTAC_REQUESTS_SUM}, 0, 1, \text{NTAC_REQUESTS_SUM}))}$ $\frac{\text{sum}(\text{NTAC_NETWORK_TIME_SUM} + \text{NTAC_TIME1_SUM})}{\text{sum}(\text{NTAC_REQUESTS_SUM} + \text{NTAC_TIME1_SUM})}$	$\frac{\text{sum}(\text{NTAC_NETWORK_TIME_SUM})}{\text{sum}(\text{decode}(\text{NTAC_REQUESTS_SUM}, 0, 1, \text{NTAC_REQUESTS_SUM}))}$ $\frac{\text{sum}(\text{NTAC_NETWORK_TIME_SUM} + \text{NTAC_TIME1_SUM})}{\text{sum}(\text{NTAC_REQUESTS_SUM} + \text{NTAC_TIME1_SUM})}$	Average round-trip network time between the Application client and the Application server.