

## Solution: Oracle

Versions supported: Oracle 9, 10g, 11g

Description: The Longitude Oracle solution provides comprehensive out-of-the-box monitoring for your database environment. Longitude proactively monitors key performance metrics to ensure that your Oracle databases are running optimally and alerts you when there is a problem. Longitude also provides pre-configured, on-demand reports and graphs of key performance metrics to help you proactively take action and ensure maximum availability.

### Rules:

Rule	Description
Ora_CtrlFileStatus	Reports on the status of the control files for the database.
Ora_DictCacheHitRatio	Reports poor dictionary cache efficiency.
Ora_InstanceStatus	Reports Oracle instances that are down.
Ora_LongQueries	Reports long running queries.
Ora_ConnectionRate	Reports high connection rates.
Ora_DbCacheHitRatio	Reports poor database cache efficiency.
Ora_RedoLogBufferWaits	Reports excessive transactions waiting for a redo log buffer.
Ora_SortsInMemory	Reports database instances with not enough sorts performed in memory.
Ora_TablespaceStatus	Reports the status of tablespaces on the database.
Ora_TablespaceFull	Reports the amount of free space available to tablespaces on the database.

### Reports:

Report Type	Groupings Available	Data Shown
<b>Oracle</b>		
Block Changes	Summary, Hourly Detail	Block Change Rate per instance
Cache	Summary, Hourly Detail	Database Cache Hit %/Ratio, Physical Reads, Block Gets, Consistent Gets, Dictionary Cache Hit %, Cache Gets, Cache Misses
Connections	Summary, Hourly Detail	Connection Rate per instance, Current Connections per instance
CPU Usage	Summary, Hourly Detail	Total CPU %, Parse CPU % per instance
Executions	Summary, Hourly Detail	Execution Rate per instance
Instance Space	Summary, Hourly Detail	Free Space, Used Space, Total Space per instance
Logical Reads	Summary, Hourly Detail	Logical Read Rate per instance

## Reports (cont'd):

Report Type	Groupings Available	Data Shown
Long Queries	N/A	Units Completed, Elapsed Time, Time Remaining, Message for longest running queries on each computer
Memory	Summary, Hourly Detail	Sorts In Memory, Disk Sorts, Sorts In Memory % per instance
Parse Calls	Summary, Hourly Detail	Hard Parses, Total Parses, Hard Parse % per instance
Physical I/O	Summary, Hourly Detail	Physical Read Rate, Physical Write Rate per instance
Redo Log	Summary, Hourly Detail	Redo Generated Rate, Redo Log Space Wait Request, Redo Log Space Wait Time per instance
Tablespace	Summary, Hourly Detail	Total Tablespace (Kb), Total Free Tablespace (Kb), Tablespace Free % per table/instance
User Transactions	Summary, Hourly Detail	User Commit Rate, User Rollback Rate per instance



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