

ASH Report For ACMDB/acmdb1

DB Name	DB Id	Instance	Inst num	Release	RAC	Host
ACMDB	1194016625	acmdb1	1	10.2.0.1.0	YES	acmds1

CPUs	SGA Size	Buffer Cache	Shared Pool	ASH Buffer Size
4	2,048M (100%)	1,680M (82.0%)	272M (13.3%)	8.0M (0.4%)

	Sample Time	Data Source
Analysis Begin Time:	09-Aug-08 00:51:18	V\$ACTIVE_SESSION_HISTORY
Analysis End Time:	09-Aug-08 00:56:18	V\$ACTIVE_SESSION_HISTORY
Elapsed Time:	5.0 (mins)	
Sample Count:	316	
Average Active Sessions:	1.05	
Avg. Active Session per CPU:	0.26	
Report Target:	None specified	

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Top User Events

Event	Event Class	% Activity	Avg Active Sessions
CPU + Wait for CPU	CPU	96.84	1.02

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Top Background Events

Event	Event Class	% Activity	Avg Active Sessions

Event	Event Class	% Activity	Avg Active Sessions
reliable message	Other	3.16	0.03

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Top Event P1/P2/P3 Values

Event	% Event	P1 Value, P2 Value, P3 Value	% Activity	Parameter 1	Parameter 2	Parameter 3
reliable message	3.16	"2672665160", "2672638452", "2673293800"	0.63	channel context	channel handle	broadcast message

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Top Service/Module

Service	Module	% Activity	Action	% Action
SYS\$USERS	UNNAMED	94.94	UNNAMED	94.94
SYS\$BACKGROUND	UNNAMED	3.16	UNNAMED	3.16
acmdb	Realtime Connection	1.58	UNNAMED	1.58

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Top Client IDs

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Top SQL Command Types

- | 'Distinct SQLIDs' is the count of the distinct number of SQLIDs with the given SQL Command Type found over all the ASH samples in the analysis period

SQL Command Type	Distinct SQLIDs	% Activity	Avg Active Sessions
SELECT	4	96.84	1.02

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Top SQL Statements

SQL ID	Planhash	% Activity	Event	% Event	SQL Text
9a9jqj7ybgx6t	1409387379	94.94	CPU + Wait for CPU	94.94	SELECT SUM(AMOUNT) FROM (SELE...
4gd6b1r53yt88		3.16	reliable message	3.16	** SQL Text Not Available **

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Complete List of SQL Text

SQL Id	SQL Text
4gd6b1r53yt88	** SQL Text Not Available **
9a9jqj7ybgx6t	SELECT SUM(AMOUNT) FROM (SELECT ET.CLIENT_CODE CLIENT_CODE, ET.ISIN ISIN, CC.FUTURE_PERIOD_DESC, SUM(DECODE(ET.BUY_OR_SELL, 'B', ET.VOLUME, -ET.VOLUME)) QUANTITY, SUM(DECODE(ET.BUY_OR_SELL, 'B', ((ET.VOLUME*ET.RATE)+(ET.BRK_AMOUNT + NVL(ETI.CVT, 0) + NVL(ETI.WHT, 0) + NVL(ETI.WHT_COT, 0))), -((ET.VOLUME*ET.RATE)-(ET.BRK_AMOUNT + NVL(ETI.CVT, 0) + NVL(ETI.WHT, 0)+NVL(ETI.WHT_COT, 0)))) AMOUNT FROM EQUITY_TRADE ET, CLEARING_CALENDAR CC, SECURITY SC, EQUITY_TRADE_INFO ETI WHERE ET.TRADE_DATE <=:B2 AND NVL(ET.BILL_NUMBER, 0) = 0 AND ET.CLIENT_CODE= :B1 AND ET.CLEARING_NO=CC.CLEARING_NO AND ET.ISIN=SC.ISIN AND (NVL(CC.FUTURE_PERIOD_DESC, 'N') <> 'N' OR SC.SYMBOL LIKE '%PRO') AND ET.POST=1 AND ET.TRADE_NUMBER = ETI.TRADE_NUMBER(+) GROUP BY ET.CLIENT_CODE, ET.ISIN, CC.FUTURE_PERIOD_DESC, SC.SYMBOL HAVING SUM(DECODE(ET.BUY_OR_SELL, 'B', ET.VOLUME, -ET.VOLUME)) = 0 UNION ALL SELECT ET.CLIENT_CODE CLIENT_CODE, ET.ISIN ISIN, CC.FUTURE_PERIOD_DESC, SUM(DECODE(ET.BUY_OR_SELL, 'B', ET.VOLUME, -ET.VOLUME)) QUANTITY, SUM(DECODE(ET.BUY_OR_SELL, 'B', ((ET.VOLUME*ET.RATE)+(ET.BRK_AMOUNT + NVL(ETI.CVT, 0) + NVL(ETI.WHT, 0) + NVL(ETI.WHT_COT, 0))), -((ET.VOLUME*ET.RATE)-(ET.BRK_AMOUNT + NVL(ETI.CVT, 0) + NVL(ETI.WHT, 0)+NVL(ETI.WHT_COT, 0)))) AMOUNT FROM EQUITY_TRADE ET, CLEARING_CALENDAR CC, EQUITY_TRADE_INFO ETI WHERE ET.TRADE_DATE > :B2 AND NVL(ET.BILL_NUMBER, 0) = 0 AND ET.CLIENT_CODE= :B1 AND ET.CLEARING_NO=CC.CLEARING_NO AND CC.FUTURE_PERIOD_DESC IS NOT NULL AND ET. TICKET_NUMBER LIKE 'FTR%' AND ET.POST=1 AND ET.TRADE_NUMBER = ETI.TRADE_NUMBER(+) GROUP BY ET.CLIENT_CODE, ET.ISIN, CC.FUTURE_PERIOD_DESC HAVING SUM(DECODE(ET.BUY_OR_SELL, 'B', ET.VOLUME, -ET.VOLUME)) = 0 UNION ALL SELECT ET.CLIENT_CODE CLIENT_CODE, ET.ISIN ISIN, NULL FUTURE_PERIOD_DESC, SUM(DECODE(ET.BUY_OR_SELL, 'B', ET.VOLUME, -ET.VOLUME)) QUANTITY, SUM(DECODE(ET.BUY_OR_SELL, 'B', ((ET.VOLUME*ET.RATE)+(ET.BRK_AMOUNT + NVL(ETI.CVT, 0) + NVL(ETI.WHT, 0) + NVL(ETI.WHT_COT, 0))), -((ET.VOLUME*ET.RATE)-(ET.BRK_AMOUNT + NVL(ETI.CVT, 0) + NVL(ETI.WHT, 0)+NVL(ETI.WHT_COT, 0)))) AMOUNT FROM EQUITY_TRADE ET, SECURITY SC, EQUITY_TRADE_INFO ETI WHERE ET.TRADE_DATE > :B2 AND NVL(ET.BILL_NUMBER, 0) = 0 AND ET.CLIENT_CODE= :B1 AND ET.TICKET_NUMBER LIKE 'FTR%' AND ET.ISIN = SC.ISIN AND SC.SYMBOL LIKE '%PRO' AND ET.POST=1 AND ET.TRADE_NUMBER = ETI.TRADE_NUMBER(+) GROUP BY ET.CLIENT_CODE, ET.ISIN HAVING SUM(DECODE(ET.BUY_OR_SELL, 'B', ET.VOLUME, -ET.VOLUME)) = 0)

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Top Sessions

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Top Sessions

- | '# Samples Active' shows the number of ASH samples in which the session was found waiting for that particular event. The percentage shown in this column is calculated with respect to wall clock time and not total database activity.
- | 'XIDs' shows the number of distinct transaction IDs sampled in ASH when the session was waiting for that particular event
- | For sessions running Parallel Queries, this section will NOT aggregate the PQ slave activity into the session issuing the PQ. Refer to the 'Top Sessions running PQs' section for such statistics.

Sid, Serial#	% Activity	Event	% Event	User	Program	# Samples Active	XIDs
107,17804	94.94	CPU + Wait for CPU	94.94	ACMKHI		300/300 [100%]	1
154, 1	3.16	reliable message	3.16	SYS	oracle@acmds1 (MMON)	10/300 [3%]	0

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Top Blocking Sessions

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Top Sessions running PQs

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Top DB Objects

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Top DB Files

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Top Latches

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Activity Over Time

- | Analysis period is divided into smaller time slots
- | Top 3 events are reported in each of those slots
- | 'Slot Count' shows the number of ASH samples in that slot
- | 'Event Count' shows the number of ASH samples waiting for that event in that slot
- | '% Event' is 'Event Count' over all ASH samples in the analysis period

Slot Time (Duration)	Slot Count	Event	Event Count	% Event
00:51:18 (42 secs)	49	CPU + Wait for CPU	46	14.56
		reliable message	3	0.95
00:52:00 (1.0 min)	62	CPU + Wait for CPU	61	19.30
		reliable message	1	0.32
00:53:00 (1.0 min)	62	CPU + Wait for CPU	60	18.99
		reliable message	2	0.63
00:54:00 (1.0 min)	63	CPU + Wait for CPU	61	19.30
		reliable message	2	0.63
00:55:00 (1.0 min)	59	CPU + Wait for CPU	59	18.67
00:56:00 (18 secs)	21	CPU + Wait for CPU	19	6.01
		reliable message	2	0.63

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End of Report