

IBM Insight v6
for **SAP Netweaver**

~~AR~~ Results of Analysis for $\hat{O} \cdot \{ \wedge$
SAP System: P01

Wednesday, January 04, 2012 (UTC) -
Thursday, January 05, 2012 (UTC)

Insight for SAP Reporter v6

"IBM Insight for SAP" is a free service offering provided by IBM's ATS and Techline. Insight has been validated to run against production SAP landscapes comprised of systems based on the x86 and x86-64 architecture, AIX and Linux on System p, i5/OS (System i), z/OS (System z), and non-IBM UNIX® and x86 servers.

The Insight software is packaged in a Microsoft Windows® install image, ready for installation on any customer's Windows® PC that is networked to communicate with a production SAP system.



Insight uses SAP's NetWeaver remote function call (RFC) library to collect data from a target SAP system. It is designed to run with minimal impact on the target system.

The Insight Report provides high-level workload and utilization analysis for an in-production SAP system. The report is composed of three main groupings of information, charts, and tables:

- System-wide information and statistics for the SAP system as a whole.
- Application Server information and statistics for each active application server (instance) in the SAP system.
- Host information and statistics for each application server and database host in the SAP system.

A more detailed description of the contents of this document can be found in the Insight for SAP v5 White Paper at <http://www.ibm.com/erp/sap/insight>.

For a more detailed analysis than provided here, please contact IBM Global Services (IGS). IGS is responsible for providing service offerings for client/server capacity analysis and modeling.

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Contact Information

IBM Insight for SAP - v6.0.9 (January 2012)

For a more detailed analysis than provided here, please contact IBM Global Services (IGS). IGS is responsible for providing service offerings for client/server capacity analysis and modeling.

Customer Contact

Name:
e-mail:
Telephone:
Country

IBM/Partner Contact

Name:
e-mail:
Telephone:
Country:

Techline Contact

Name:
e-mail:
Telephone:
Dataset:
Report Reason:
Considerations:

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System Information

Customer Information

Name:
Industry:
Address:
City, State, ZIP:
Country:

SAP System

System ID:	P01	
Install Date:	26/12/2011	<customer provided>
System Release:	702	
Addressability:	64-bit	<customer provided>
Central Monitoring:	No	<customer provided>
Total Users:	500	
Network	Giga Ethernet	<customer provided>

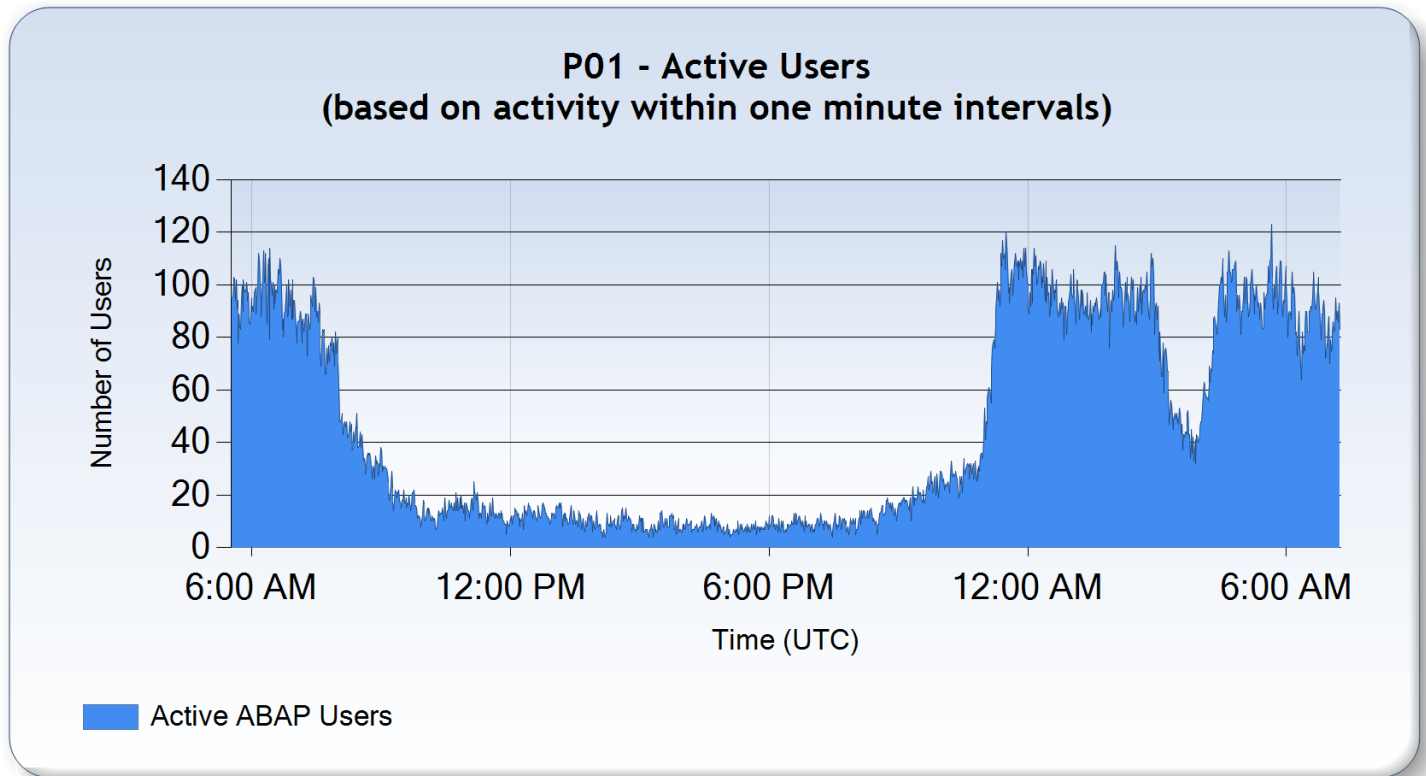
Database

Database System:	Oracle	
DB Size:	355 GB	
Database Release:	11.2.0.2.0	
Addressability:	64-bit	<customer provided>

Personal Computer (Insight Collector)

Collector Version:	6000
Operating System:	Microsoft Windows XP Service Pack 3 (Build: 2600)
Processor Type:	Intel Pentium
CPU Cores:	2
Processor Speed:	2104 MHz
Physical Memory:	1004 MB
Start Time:	1/4/2012 5:33:00 AM
End Time:	1/5/2012 7:20:00 AM
Time Zone	3600

Active Users



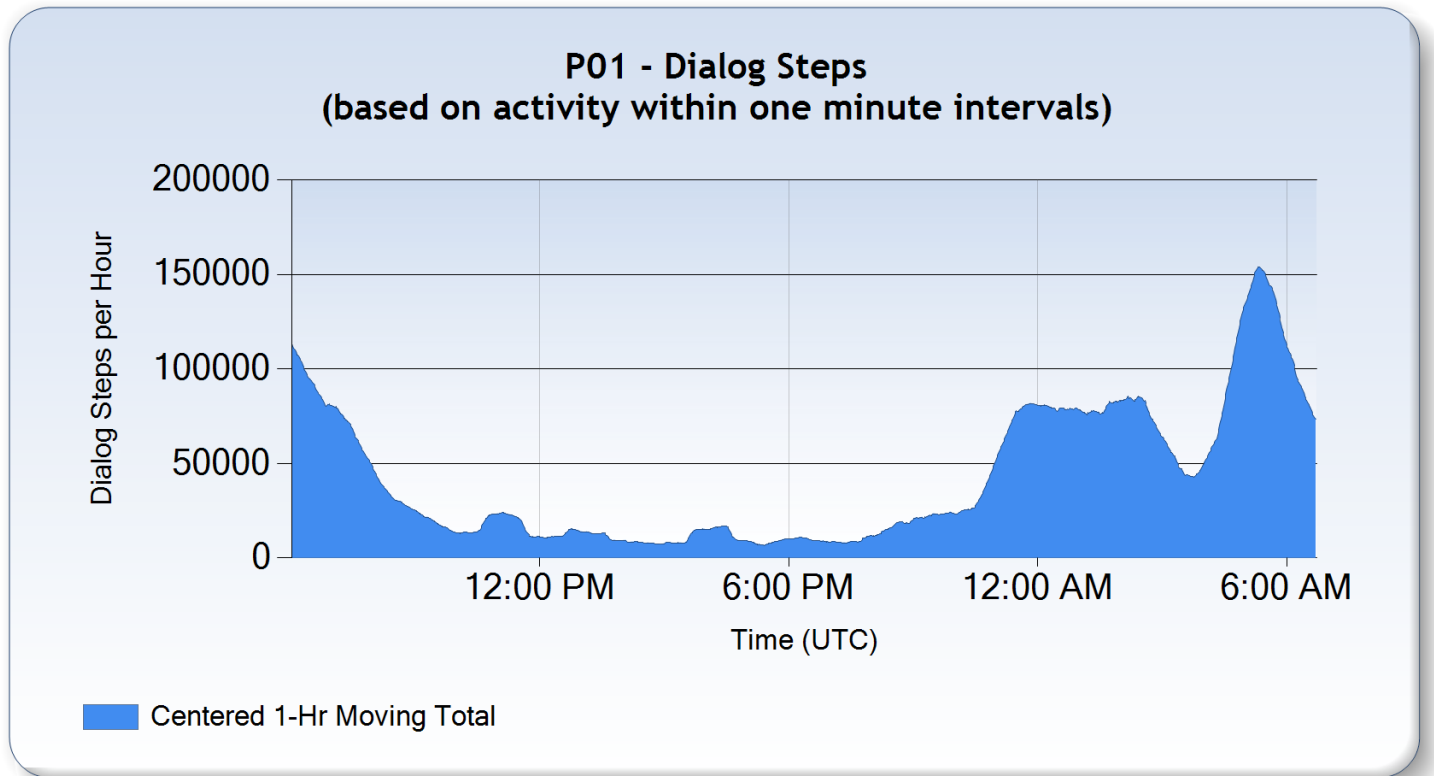
Summary

This graph displays the number of SAP users actively working in SAP during each one minute time interval. Any active user creating an SAP workload necessarily generates dialog steps. If a dialog step executes within a given one minute interval, the dialog step is considered active within that interval.

Statistics

123.0	Highest number of active ABAP users per minute at 1/5/2012 5:39:00 AM
45.5	Average number of active ABAP users per minute within the monitoring period.
685	Number of unique ABAP user IDs active during the monitoring period.

Dialog Steps



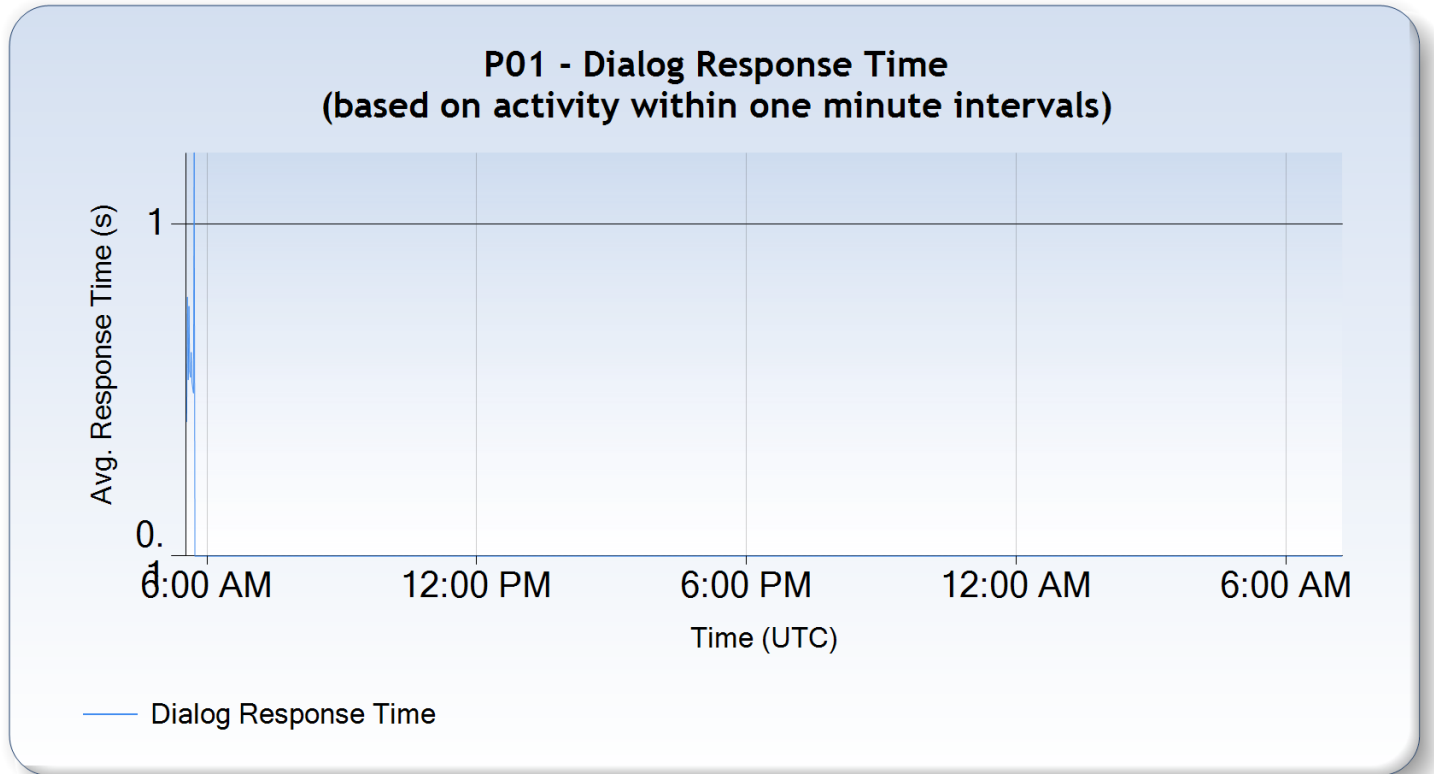
Summary

This chart plots the number of dialog steps executing within moving, one-hour intervals. If any part of a dialog step executes within an interval, the dialog step is counted in that interval. Dialog step execution is determined by analyzing SAP application server 'stat' file records.

Statistics

154067	Highest number of dialog steps per hour at 1/5/2012 5:19:00 AM
42593	Average number of dialog steps per hour within the monitoring period.

Dialog Response Time



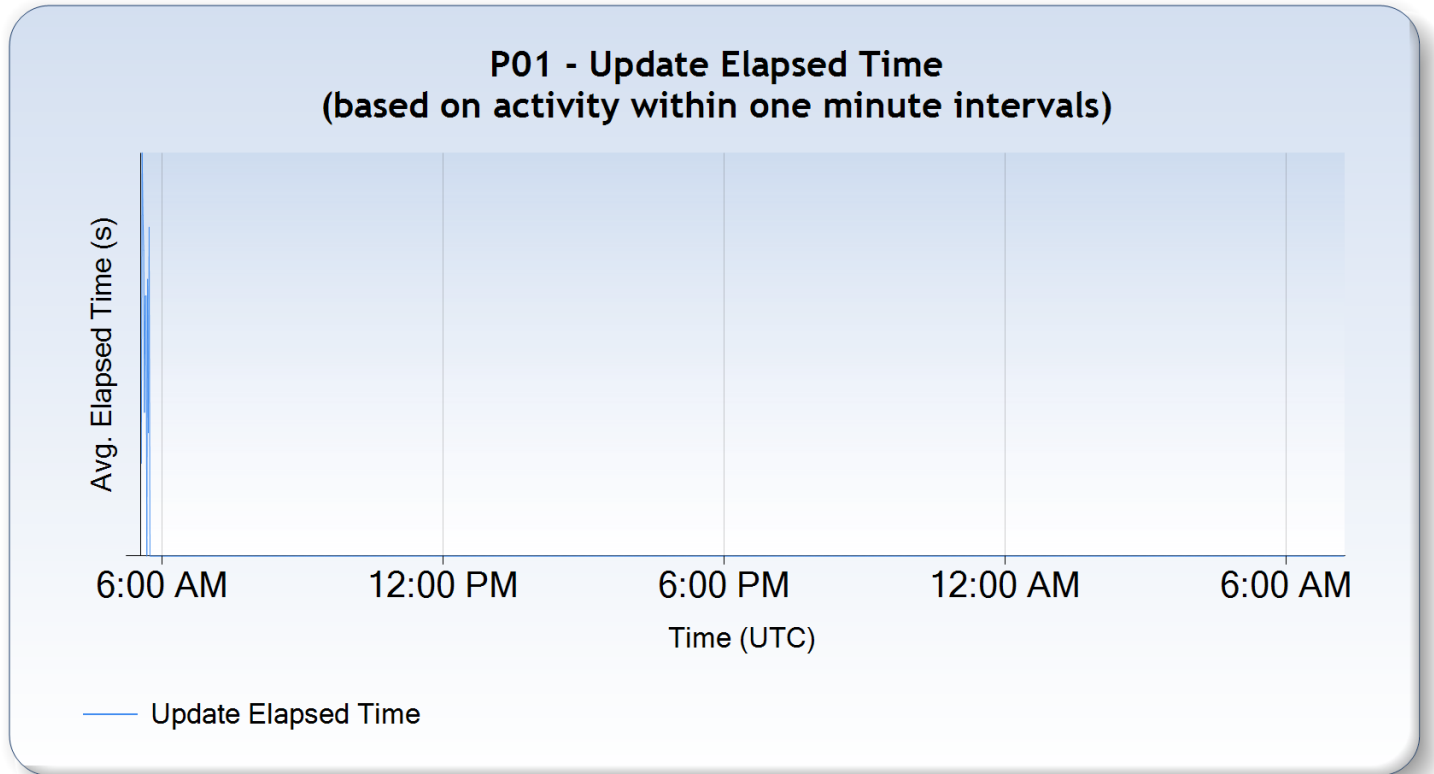
Summary

This graph displays the average response time of all dialog steps, of task type 'DIALOG', occurring within each one minute interval. The end-to-end response times of all dialog steps ending within each interval are summed and then averaged, including SAPGUI time, thus showing overall response time as observed by a user. Dialog step response time is determined by analyzing SAP application server 'stat' file records.

Statistics

1.6 s	Highest average response time per interval at 1/4/2012 5:43:00 AM
0.0 s	Average response time within the monitoring period.

Update Elapsed Time



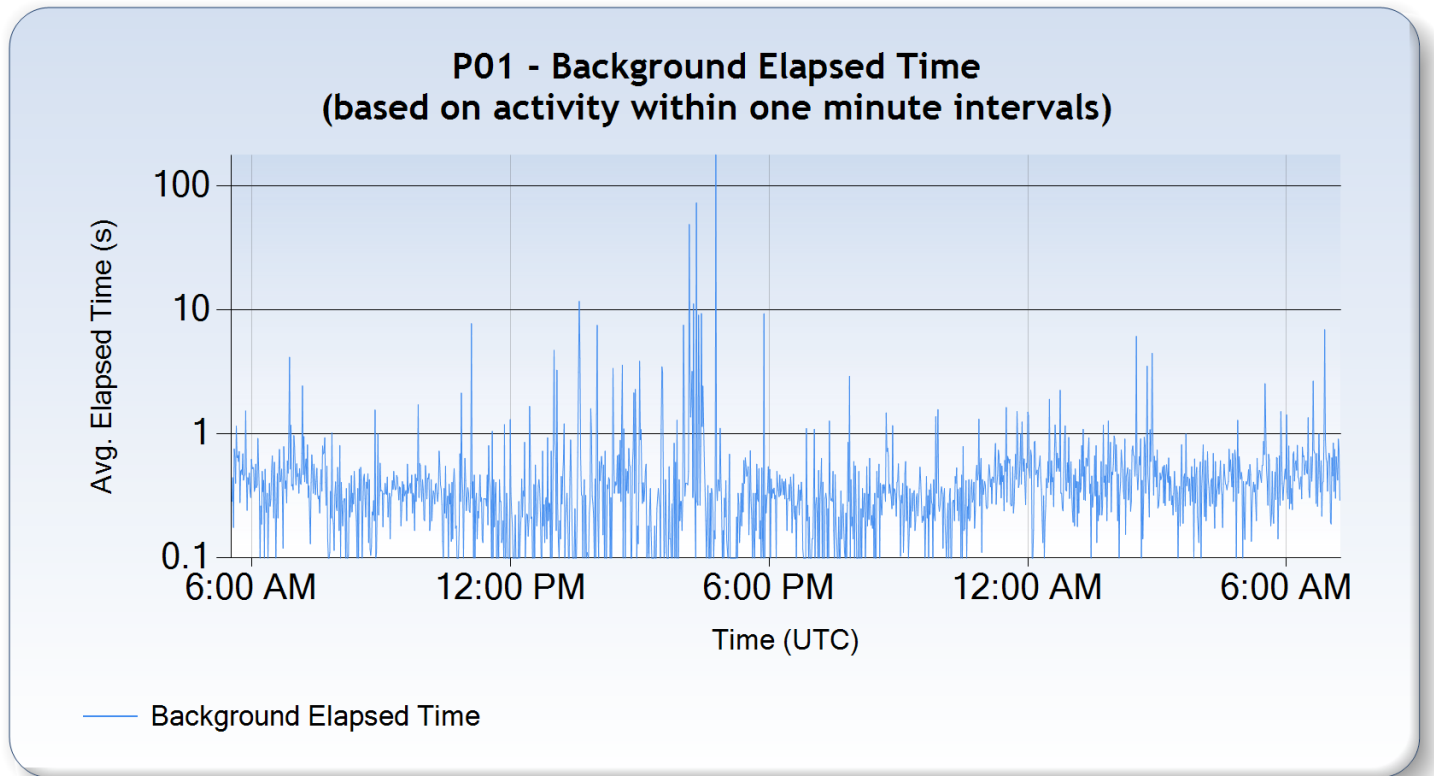
Summary

This graph displays the average elapsed time of all dialog steps, of task type 'UPDATE1', occurring within each one minute interval. The elapsed times of all dialog steps ending within each interval are summed and then averaged. Dialog step elapsed time is determined by analyzing SAP application server 'stat' file records.

Statistics

0.4 s Highest average elapsed time per interval at 1/4/2012 5:34:00 AM
0.0 s Average elapsed time within the monitoring period.

Background Elapsed Time



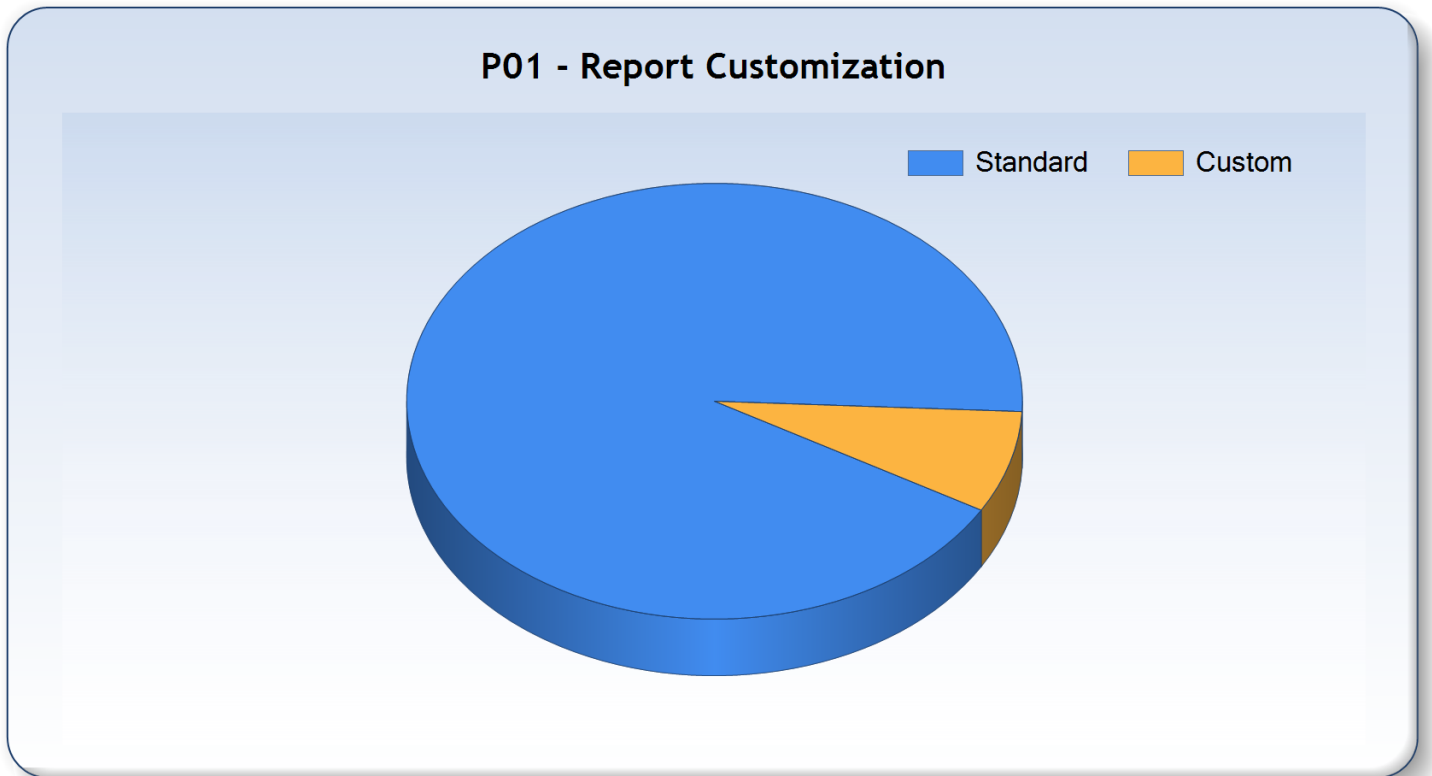
Summary

This graph displays the average elapsed time of all dialog steps, of task type 'BACKGROUND', occurring within each one minute interval. The elapsed times of all dialog steps ending within each interval are summed and then averaged. Dialog step elapsed time is determined by analyzing SAP application server 'stat' file records.

Statistics

177.2 s	Highest average elapsed time per interval at 1/4/2012 4:46:00 PM
0.7 s	Average elapsed time within the monitoring period.

Report Customization



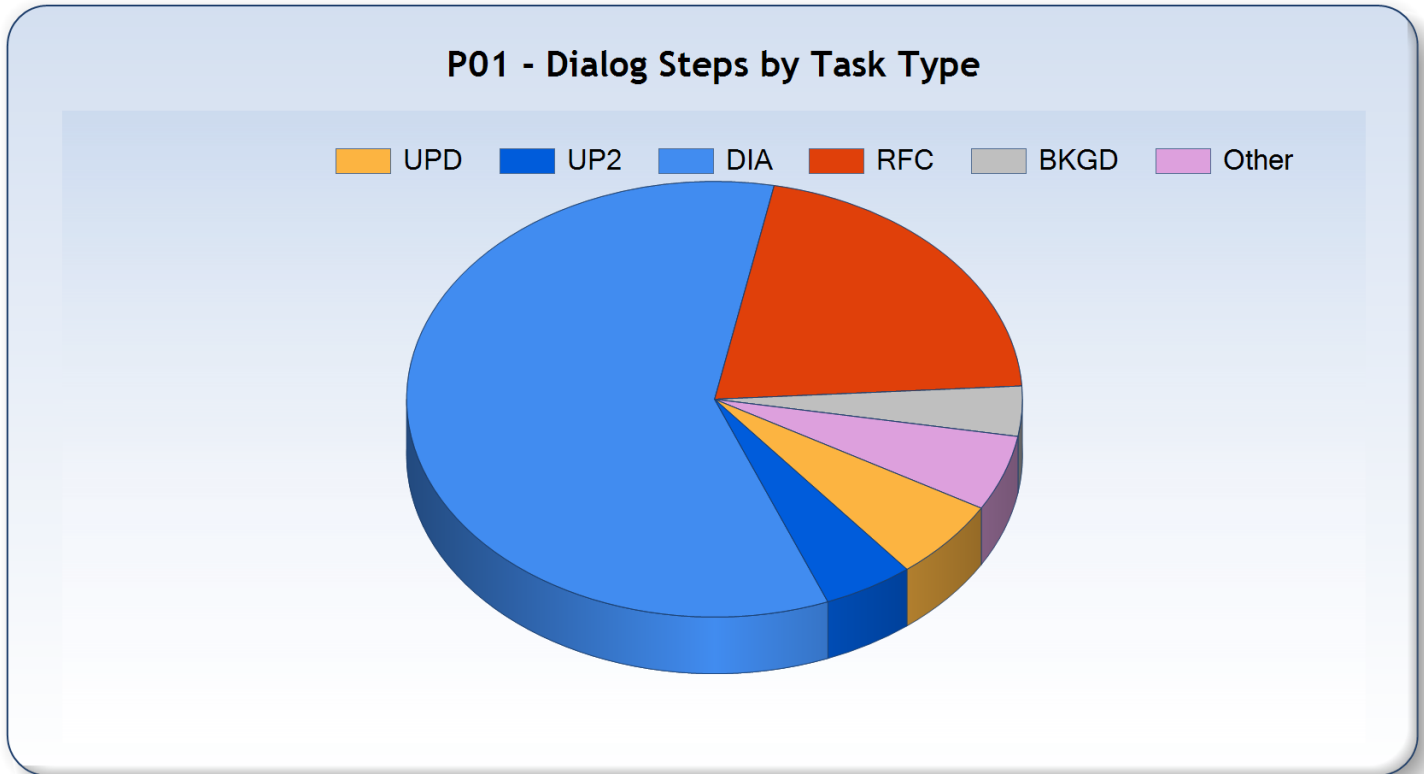
Summary

This chart represents the total number of standard and customized reports installed on the SAP system.

Statistics

Standard	793 (92 %)
Customized	65 (8 %)

Dialog Steps by Task Type



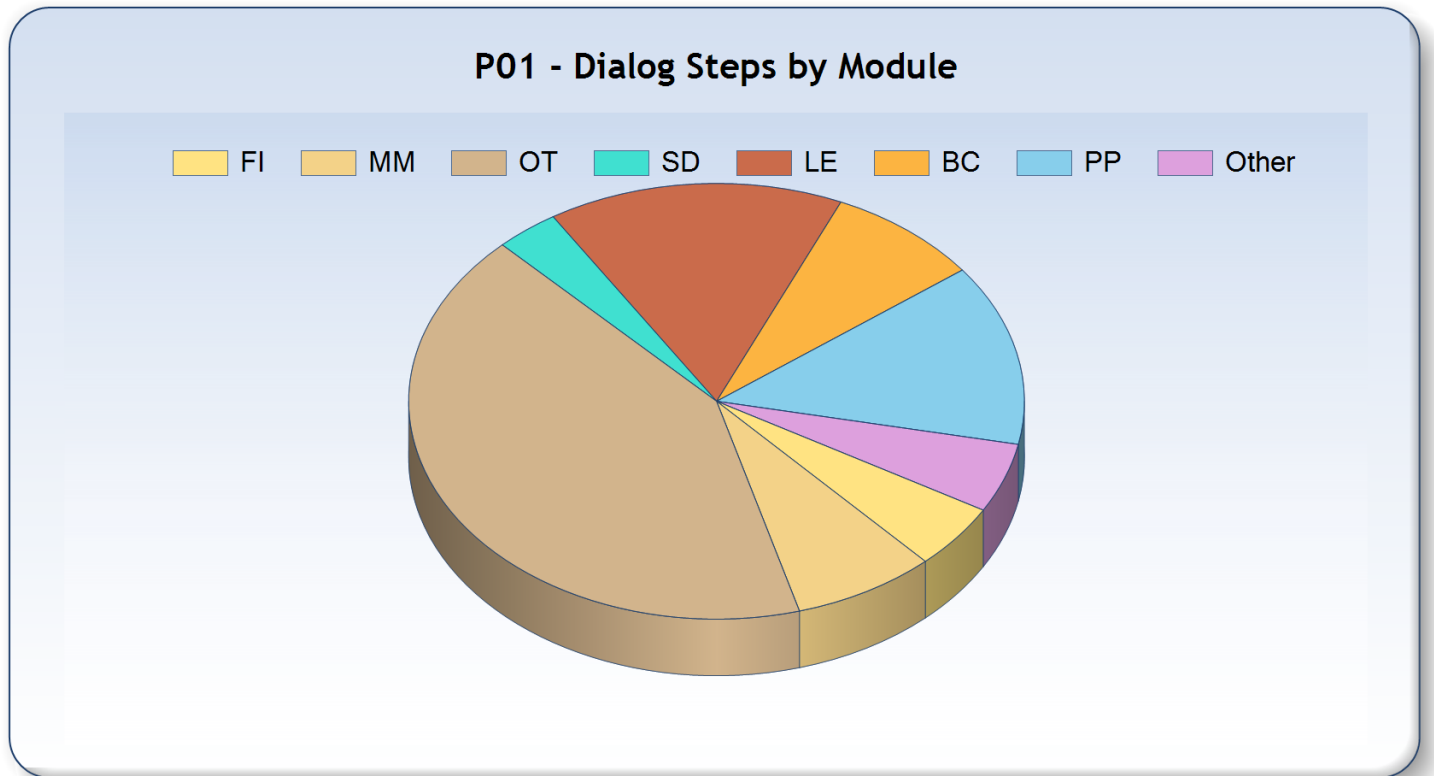
Summary

This chart represents the total number of dialog steps executed during the collection period, grouped by task type.

Statistics

DIA	670838 (59 %)
RFC	237550 (21 %)
UPD	67265 (6 %)
UP2	53842 (5 %)
BKGD	42061 (4 %)
Undefined	31774 (3 %)
ALE	16793 (1 %)
SPO	10648 (1 %)
BUF	3084 (0 %)
CYCL	1234 (0 %)

Dialog Steps by Module



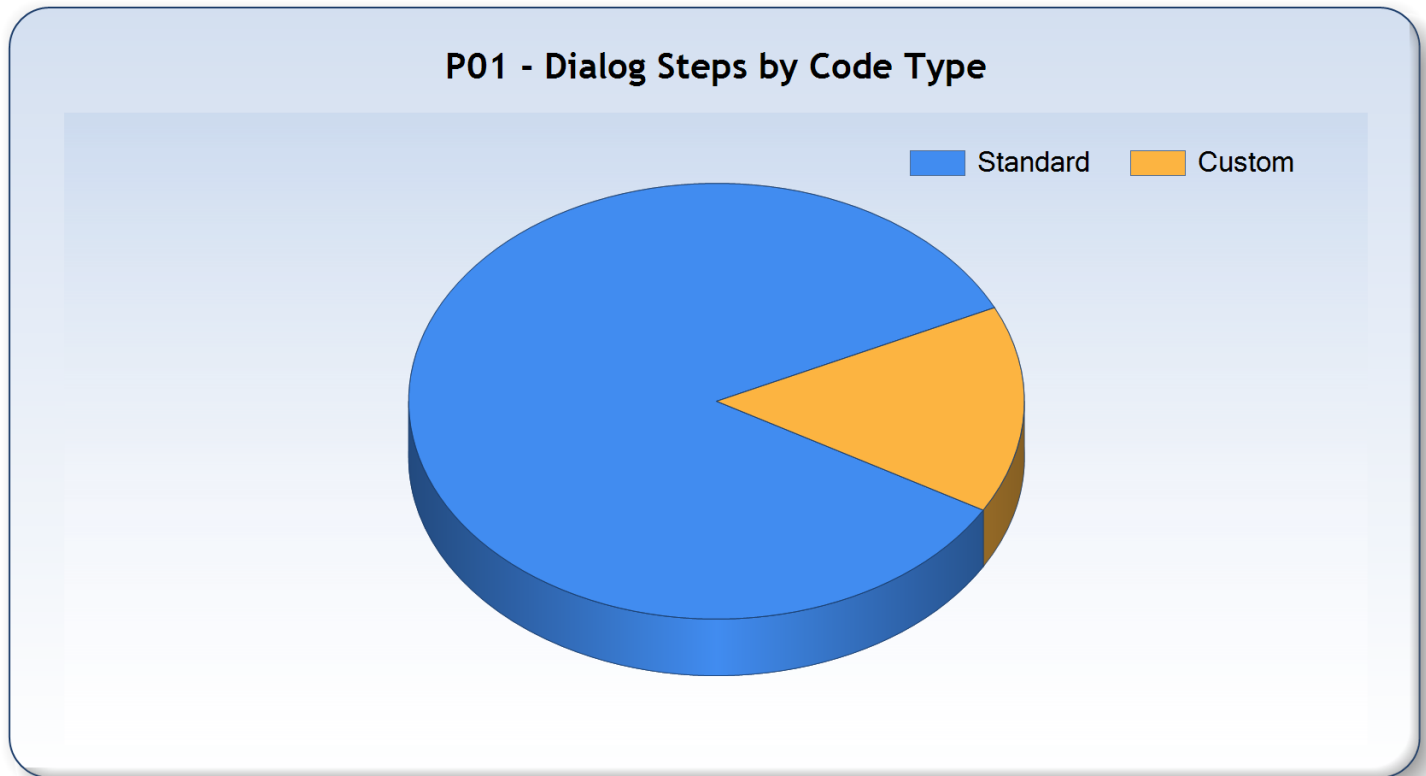
Summary

This chart represents the total number of dialog steps executed during the collection period, grouped by SAP application module.

Statistics

OT	477732 (42 %)
LE	176318 (16 %)
PP	152819 (13 %)
BC	91876 (8 %)
MM	85331 (8 %)
FI	54569 (5 %)
SD	37929 (3 %)
CO	23065 (2 %)
LO	17959 (2 %)
PM	12179 (1 %)
PS	3843 (0 %)
EC	983 (0 %)
QM	480 (0 %)
SV	5 (0 %)
PE	1 (0 %)

Dialog Steps by Code Type



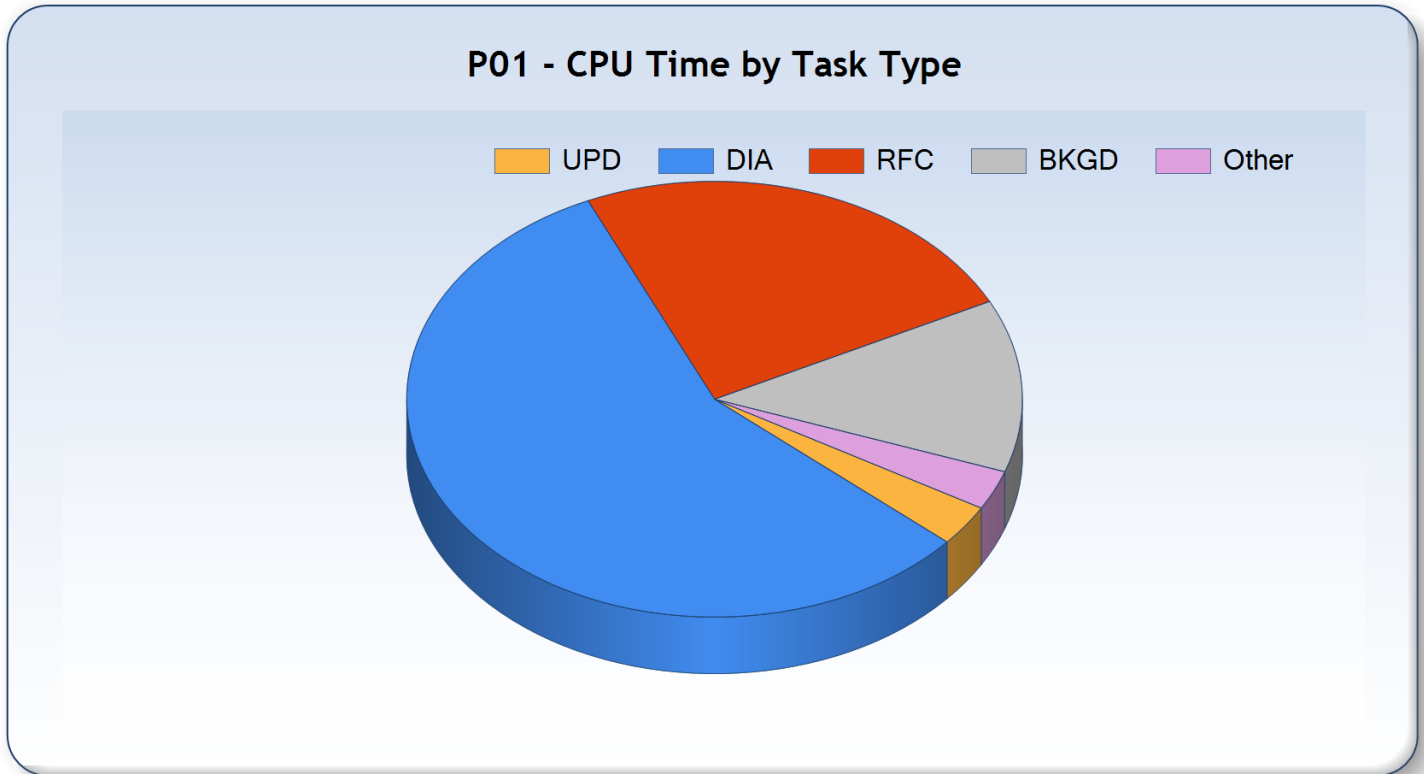
Summary

This chart represents the total number of dialog steps executed during the collection period, grouped by code type.

Statistics

Standard	960234 (85 %)
Custom	174855 (15 %)

CPU Time by Task Type



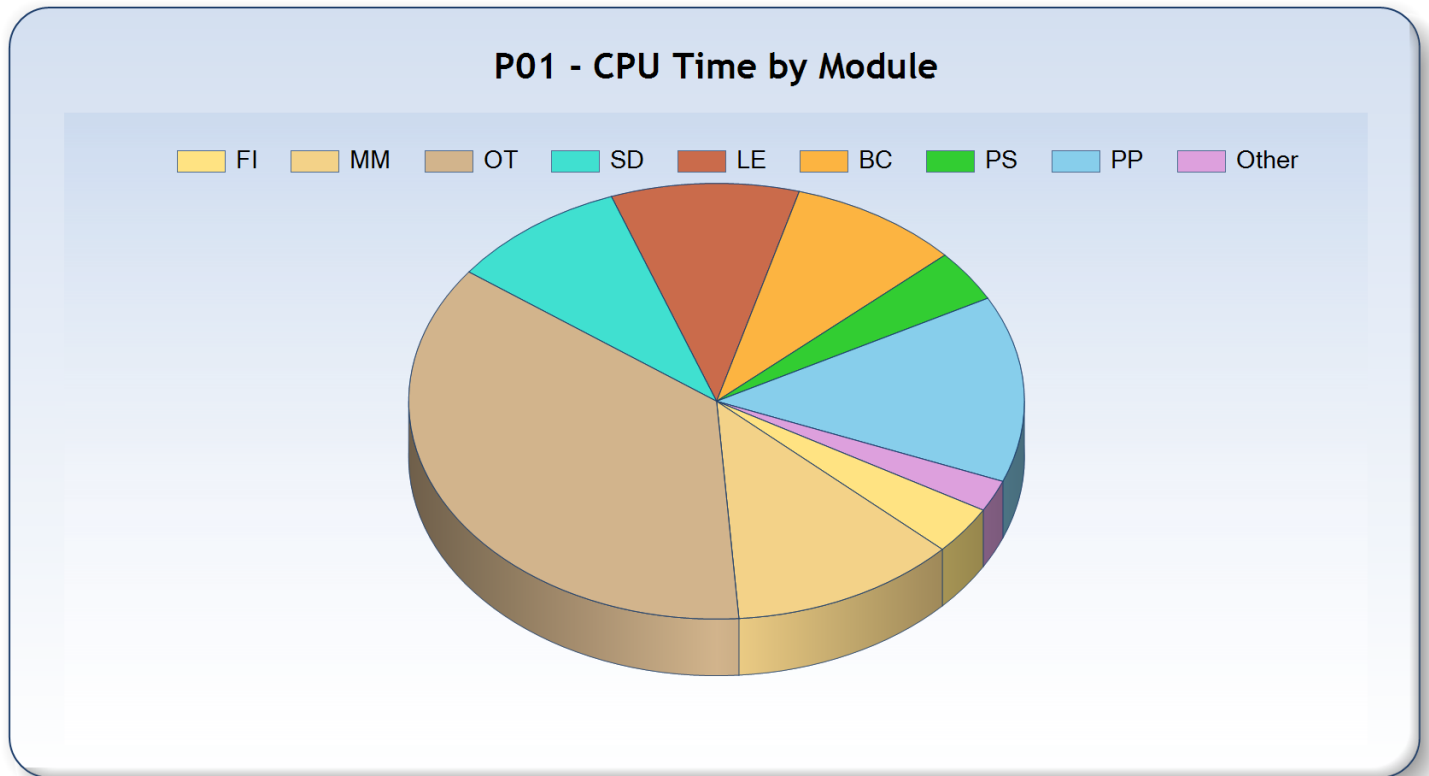
Summary

This chart represents the total application server CPU time of dialog steps executed during the collection period, grouped by task type.

Statistics

DIA	28660890 (57 %)
RFC	12264672 (24 %)
BKGD	6454497 (13 %)
UPD	1533500 (3 %)
UP2	521320 (1 %)
CYCL	450070 (1 %)
ALE	240540 (0 %)
SPO	134170 (0 %)
Undefined	122555 (0 %)
BUF	7700 (0 %)

CPU Time by Module



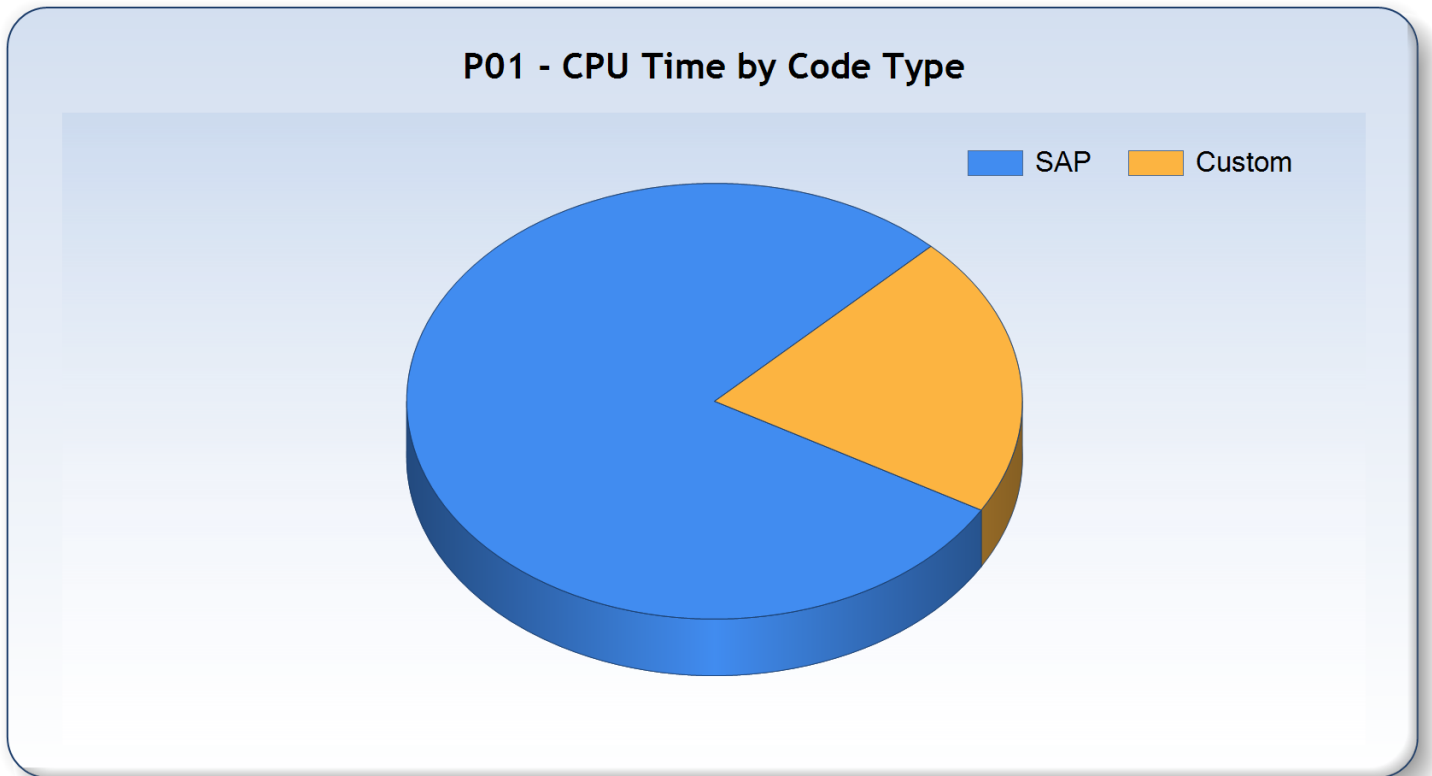
Summary

This chart represents the total application server CPU time of dialog steps executed during the collection period, grouped by SAP application module.

Statistics

OT	18278067 (36 %)
PP	6971690 (14 %)
MM	6017710 (12 %)
LE	4977900 (10 %)
SD	4703280 (9 %)
BC	4519907 (9 %)
PS	1945960 (4 %)
FI	1797250 (4 %)
PM	385840 (1 %)
CO	385810 (1 %)
LO	347890 (1 %)
EC	34490 (0 %)
QM	24060 (0 %)
SV	40 (0 %)
PE	20 (0 %)

CPU Time by Code Type



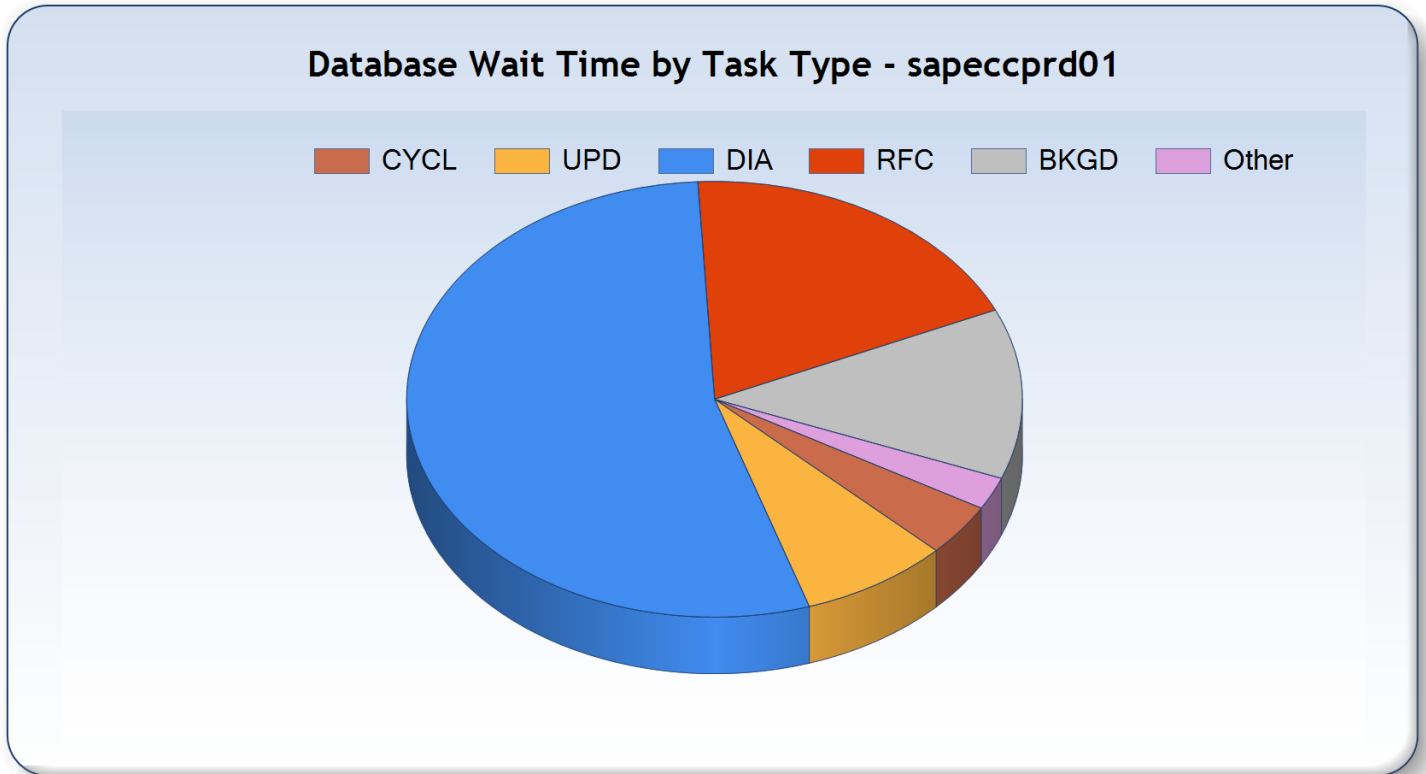
Summary

This chart represents the total application server CPU time of dialog steps executed during the collection period, grouped by code type.

Statistics

SAP	39846574 (79 %)
Custom	10543340 (21 %)

Database Wait Time by Task Type - sapecprd01



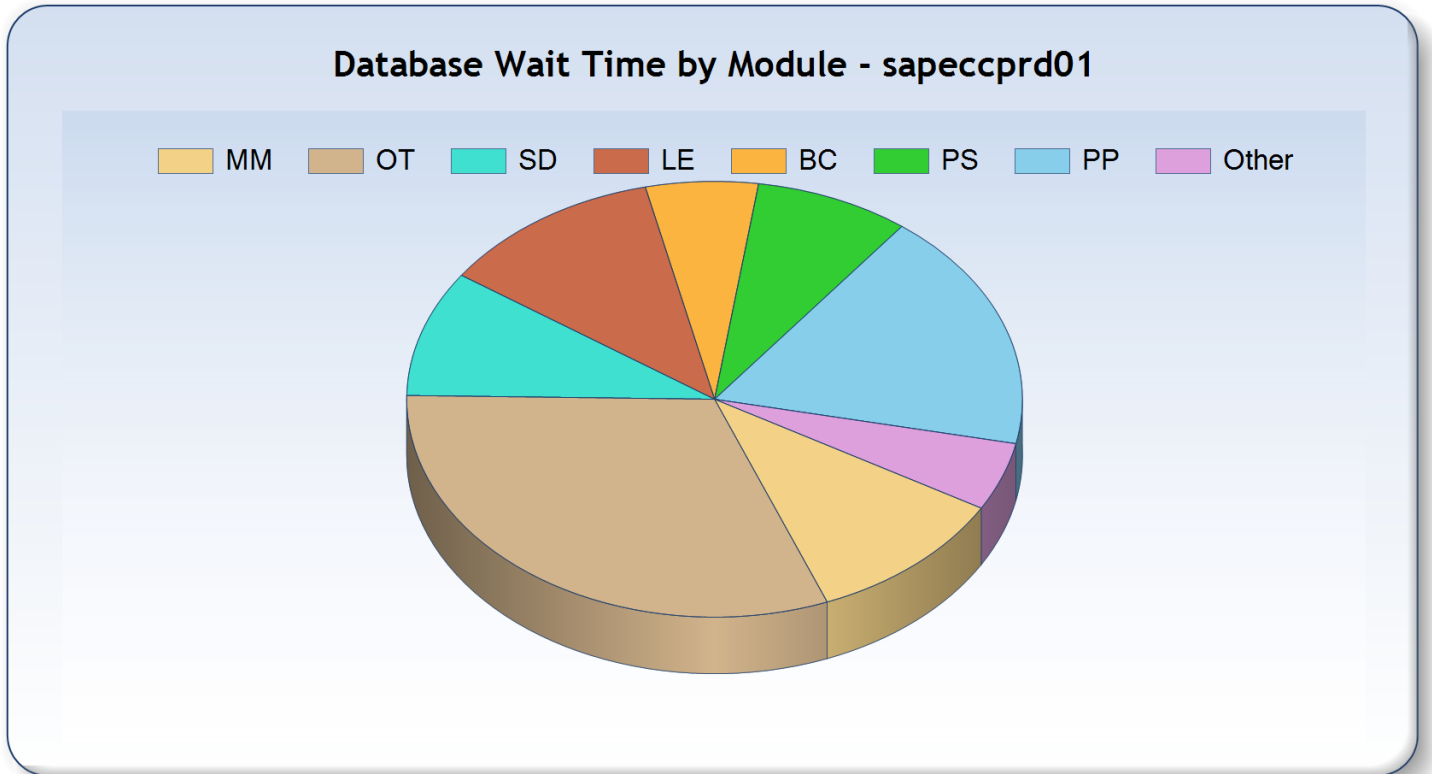
Summary

This chart represents the total database wait time of dialog steps executed during the collection period, grouped by task type.

Statistics

DIA	37569398 (54 %)
RFC	13298125 (19 %)
BKGD	8772365 (13 %)
UPD	5419577 (8 %)
CYCL	2697504 (4 %)
UP2	798553 (1 %)
Undefined	569157 (1 %)
ALE	184521 (0 %)
SPO	108443 (0 %)
BUF	17354 (0 %)

Database Wait Time by Module - sapeccprd01



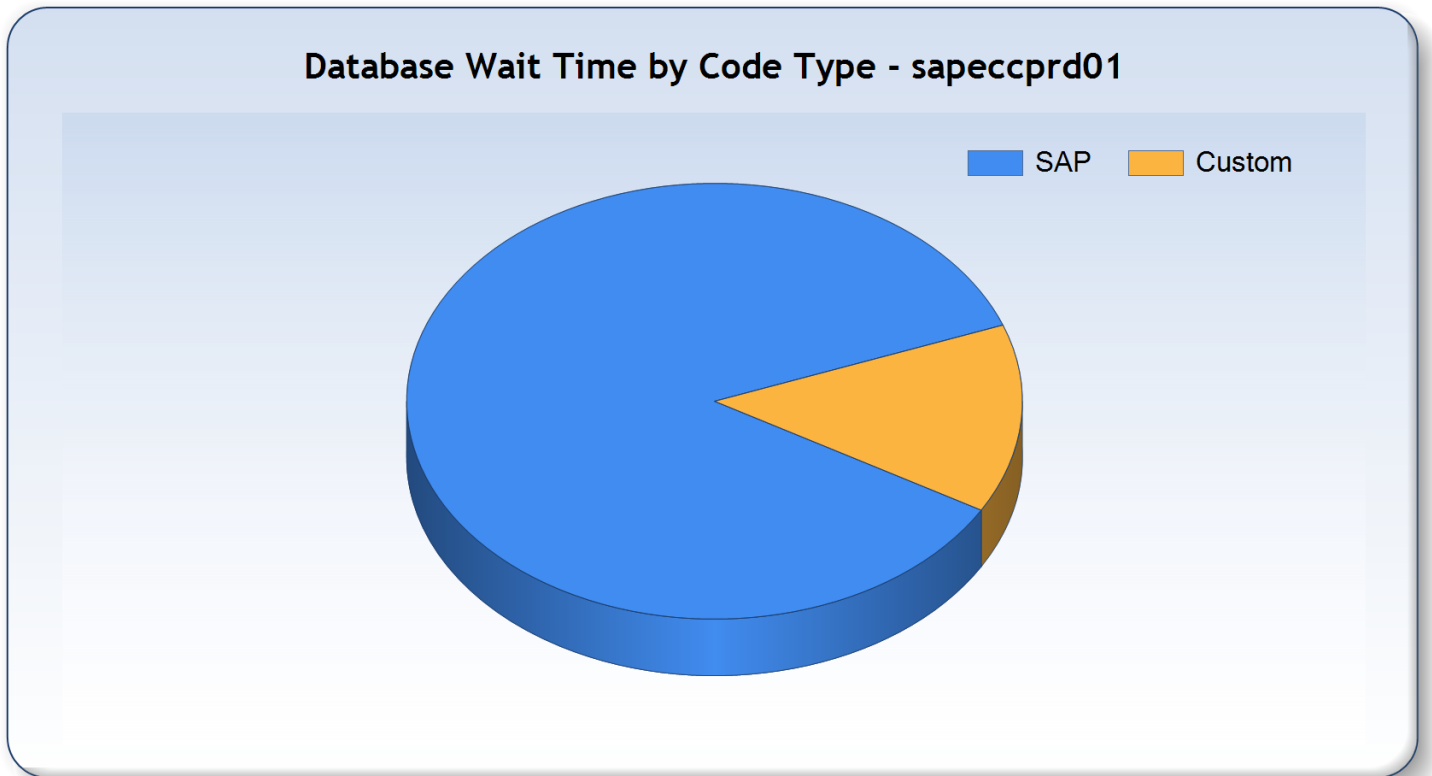
Summary

This chart represents the total database wait time of dialog steps executed during the collection period, grouped by SAP application module.

Statistics

OT	21686879 (31 %)
PP	12398823 (18 %)
LE	8162166 (12 %)
MM	7433635 (11 %)
SD	6496725 (9 %)
PS	5640488 (8 %)
BC	4101391 (6 %)
FI	1481980 (2 %)
PM	742448 (1 %)
CO	618700 (1 %)
LO	379876 (1 %)
EC	232659 (0 %)
QM	58602 (0 %)
PE	448 (0 %)
SV	177 (0 %)

Database Wait Time by Code Type - sapecprd01



Summary

This chart represents the total database wait time of dialog steps executed during the collection period, grouped by code type.

Statistics

SAP	59700693 (86 %)
Custom	9734304 (14 %)

Top Transactions by Number of Dialog Steps

Steps	%	Module	TCode/Report
214960	12.1	OT	RFC
128530	7.2	OT	ZM21
73100	4.1	PP	MD04
38541	2.2	BC	SESSION_MANAGER
26526	1.5	LE	VL10E
23833	1.3	LE	LT01
20891	1.2	LE	LS26
20253	1.1	CO	KB21N
16853	0.9	OT	<NUMBER RANGE BUFFER>
16793	0.9	OT	ALE
16514	0.9	LE	LT09
16027	0.9	MM	ME38
15999	0.9	PP	MD07
14745	0.8	OT	(BATCH)
14377	0.8	LE	LP12
13555	0.8	SD	VA32
12641	0.7	PP	CO11
10606	0.6	BC	RSPOWP00
10281	0.6	BC	SQ00
10059	0.6	BC	RSBTCRTE
9936	0.6	MM	MB51
9603	0.5	OT	<DELAYED FUNCTION CALL>
9190	0.5	LE	VL02N
8656	0.5	MM	MIRO
8213	0.5	OT	ZLT11
7857	0.4	OT	ZM28
7326	0.4	FI	FBL1N
7218	0.4	OT	ZMTGEB01
7216	0.4	OT	ZMTGEI02
7166	0.4	SD	VA01
6694	0.4	FI	FBL5N
6684	0.4	FI	FBL3N
6226	0.4	LO	MM03
6218	0.3	PP	CO02
6168	0.3	OT	<AUTO CCMS PROCESSING>
5873	0.3	PP	MD06
5559	0.3	PP	CR12
5555	0.3	PP	MD41
5136	0.3	SD	VA02
5078	0.3	BC	SBWP
5074	0.3	LE	VT01N

Top Transactions by Number of Dialog Steps (Dialog Tasks Only)

Steps	%	Module	TCode/Report
128530	7.2	OT	ZM21
73100	4.1	PP	MD04
38541	2.2	BC	SESSION_MANAGER
26526	1.5	LE	VL10E
20891	1.2	LE	LS26
16853	0.9	OT	<NUMBER RANGE BUFFER>
14377	0.8	LE	LP12
13555	0.8	SD	VA32
12641	0.7	PP	CO11
10281	0.6	BC	SQ00
9936	0.6	MM	MB51
9190	0.5	LE	VL02N
8656	0.5	MM	MIRO
6694	0.4	FI	FBL5N
6684	0.4	FI	FBL3N
6226	0.4	LO	MM03
6218	0.3	PP	CO02
5873	0.3	PP	MD06
5559	0.3	PP	CR12
5555	0.3	PP	MD41
5078	0.3	BC	SBWP
4505	0.3	LE	VL10I
4274	0.2	LE	LT15
4174	0.2	LE	VL03N
4171	0.2	MM	ME32L
4077	0.2	LE	VL06P
4072	0.2	FI	FS10N
4023	0.2	MM	MB01
3880	0.2	PP	CO40
3819	0.2	PM	IW21
3679	0.2	FI	F-28
3430	0.2	LO	MM02
3231	0.2	LE	LT24
3219	0.2	OT	LOGIN_PW
3117	0.2	MM	ME33L
3105	0.2	MM	ME84
2973	0.2	FI	F110
2876	0.2	PP	MC94
2833	0.2	MM	ME2L
2802	0.2	LE	VL02
2678	0.2	PP	MD12

Top Transactions by Application Server CPU Time

Time (s)	%	Steps	Avg (s)	Module	TCode/Report
6545	8.2	214960	0.0	OT	RFC
3077	3.9	7216	0.4	OT	ZMTGEI02
2944	3.7	13555	0.2	SD	VA32
2585	3.3	246	10.5	OT	ZSAISIE
2081	2.6	73100	0.0	PP	MD04
1766	2.2	38541	0.0	BC	SESSION_MANAGER
1605	2.0	8656	0.2	MM	MIRO
1408	1.8	5555	0.3	PP	MD41
1342	1.7	7857	0.2	OT	ZM28
1240	1.6	1397	0.9	OT	ZM20
1156	1.5	345	3.4	PS	CJI3
905	1.1	10281	0.1	BC	SQ00
774	1.0	26526	0.0	LE	VL10E
682	0.9	35	19.5	MM	MR02
645	0.8	7218	0.1	OT	ZMTGEB01
550	0.7	2312	0.2	LE	VT12
549	0.7	9936	0.1	MM	MB51
515	0.6	15999	0.0	PP	MD07
489	0.6	1	489.2	PP	RMMPS000
482	0.6	1118	0.4	MM	MRN9
466	0.6	128530	0.0	OT	ZM21
458	0.6	10059	0.0	BC	RSBTCRTE
458	0.6	16514	0.0	LE	LT09
450	0.6	1234	0.4	OT	AUTOABAP
446	0.6	6694	0.1	FI	FBL5N
414	0.5	1038	0.4	MM	ME23
409	0.5	12641	0.0	PP	CO11
364	0.5	16027	0.0	MM	ME38
342	0.4	1252	0.3	PS	S_ALR_87013558
335	0.4	1	335.5	SD	SDV03V02
329	0.4	20891	0.0	LE	LS26
321	0.4	1472	0.2	PP	CM01
321	0.4	14745	0.0	OT	(BATCH)
319	0.4	4077	0.1	LE	VL06P
314	0.4	4	78.6	PP	RMCP6BIN
296	0.4	7166	0.0	SD	VA01
294	0.4	9190	0.0	LE	VL02N
288	0.4	1399	0.2	SD	VA33
286	0.4	5136	0.1	SD	VA02
275	0.3	5074	0.1	LE	VT01N
249	0.3	8213	0.0	OT	ZLT11

Top Transactions by Application Server CPU Time (Dialog Tasks Only)

Time (s)	%	Steps	Avg (s)	Module	TCode/Report
2944	3.7	13555	0.2	SD	VA32
2585	3.3	246	10.5	OT	ZSAISIE
2081	2.6	73100	0.0	PP	MD04
1766	2.2	38541	0.0	BC	SESSION_MANAGER
1605	2.0	8656	0.2	MM	MIRO
1408	1.8	5555	0.3	PP	MD41
1156	1.5	345	3.4	PS	CJI3
905	1.1	10281	0.1	BC	SQ00
774	1.0	26526	0.0	LE	VL10E
550	0.7	2312	0.2	LE	VT12
549	0.7	9936	0.1	MM	MB51
482	0.6	1118	0.4	MM	MRN9
466	0.6	128530	0.0	OT	ZM21
446	0.6	6694	0.1	FI	FBL5N
414	0.5	1038	0.4	MM	ME23
409	0.5	12641	0.0	PP	CO11
342	0.4	1252	0.3	PS	S_ALR_87013558
329	0.4	20891	0.0	LE	LS26
321	0.4	1472	0.2	PP	CM01
319	0.4	4077	0.1	LE	VL06P
294	0.4	9190	0.0	LE	VL02N
288	0.4	1399	0.2	SD	VA33
238	0.3	579	0.4	BC	STMS
226	0.3	6684	0.0	FI	FBL3N
224	0.3	4023	0.1	MM	MB01
220	0.3	4505	0.0	LE	VL10I
194	0.2	3105	0.1	MM	ME84
172	0.2	4174	0.0	LE	VL03N
172	0.2	1035	0.2	PP	CO26
170	0.2	5078	0.0	BC	SBWP
170	0.2	2633	0.1	LE	LX03
167	0.2	71	2.4	PS	CJEN
161	0.2	6218	0.0	PP	CO02
159	0.2	14377	0.0	LE	LP12
152	0.2	78	2.0	MM	MC47
146	0.2	3880	0.0	PP	CO40
144	0.2	248	0.6	PS	S_ALR_87013563
141	0.2	929	0.2	MM	MC.9
126	0.2	295	0.4	OT	ZZM20
119	0.1	4274	0.0	LE	LT15
115	0.1	3819	0.0	PM	IW21

Top Transactions by Average Application Server CPU Time

Avg (s)	Steps	Time (s)	%	Module	TCode/Report
489.2	1	489	0.6	PP	RMMP5000
335.5	1	335	0.4	SD	SDV03V02
81.0	1	81	0.1	OT	Z_FACT
78.6	4	314	0.4	PP	RMCP6BIN
46.8	1	46	0.1	BC	RSBTCDEL2
28.3	1	28	0.0	OT	ZP_FICO_PUSHNUMBER
21.5	1	21	0.0	OT	ZMVEX002
21.0	1	21	0.0	OT	Z_FACT_ZM03_IV
19.5	35	682	0.9	MM	MR02
17.0	1	16	0.0	MM	RM06ENP1
16.0	1	15	0.0	BC	RSPO1043
14.1	9	127	0.2	PP	RMMRP000
14.0	1	13	0.0	OT	Z_FACT_ZM05
10.5	246	2585	3.3	OT	ZSAISIE
9.0	1	9	0.0	OT	Z_FACT_C3
8.4	3	25	0.0	OT	ZMOLEPEX02
7.4	6	44	0.1	MM	RM06EFLB
6.8	1	6	0.0	BC	RSBDCBTC
6.5	1	6	0.0	BC	RSBPCOLL
5.7	1	5	0.0	OT	Z_FACT_ZM03
4.9	26	126	0.2	BC	RSCOLL00
4.7	22	102	0.1	OT	ZFACTAD
3.9	4	15	0.0	BC	RSDB0005
3.4	345	1156	1.5	PS	CJI3
3.0	6	17	0.0	PP	MD01
2.6	4	10	0.0	PP	RM60RR20
2.5	1	2	0.0	BC	RSPO0041
2.4	71	167	0.2	PS	CJEN
2.1	1	2	0.0	CA	S_ALR_87013646
2.0	78	152	0.2	MM	MC47
1.9	32	62	0.1	MM	MC50
1.9	1	1	0.0	FI	RFFOD__S
1.8	1	1	0.0	OT	Z_FACT_ZM06
1.7	1	1	0.0	OT	AQDCDIR_PROD====DRU-REBUTS====
1.4	70	96	0.1	OT	Z_ECLAT_NOMEN
1.1	1	1	0.0	OT	ZP_SD_PEX_2_LIV
1.1	15	16	0.0	BC	RDDEXECL
1.1	3	3	0.0	OT	<RPC(GENERATE ABAP (CLI WP 12))>
0.9	1397	1240	1.6	OT	ZM20
0.9	26	23	0.0	BC	RSAL_BATCH_TOOL_DISPATCHING
0.9	3	2	0.0	FI	RFFOF__T

Top Transactions by Average Application Server CPU Time (Dialog Tasks Only)

Avg (s)	Steps	Time (s)	%	Module	TCode/Report
10.5	246	2585	3.3	OT	ZSAISIE
4.7	22	102	0.1	OT	ZFACTAD
3.4	345	1156	1.5	PS	CJI3
3.0	6	17	0.0	PP	MD01
2.4	71	167	0.2	PS	CJEN
2.1	1	2	0.0	CA	S_ALR_87013646
2.0	78	152	0.2	MM	MC47
1.9	32	62	0.1	MM	MC50
1.4	70	96	0.1	OT	Z_ECLAT_NOMEN
0.6	10	6	0.0	OT	ZECRITURES
0.6	248	144	0.2	PS	S_ALR_87013563
0.5	144	73	0.1	SD	VDH1
0.5	88	44	0.1	CO	S_ALR_87099930
0.4	1118	482	0.6	MM	MRN9
0.4	295	126	0.2	OT	ZZM20
0.4	86	36	0.0	SD	VDH2
0.4	579	238	0.3	BC	STMS
0.4	1038	414	0.5	MM	ME23
0.4	238	86	0.1	CA	S_ALR_87012083
0.3	6	1	0.0	BC	S_BCE_68001400
0.3	332	92	0.1	FI	GR55
0.3	1252	342	0.4	PS	S_ALR_87013558
0.3	57	15	0.0	MM	MKVZ
0.3	12	3	0.0	PM	IH09
0.3	5555	1408	1.8	PP	MD41
0.2	25	6	0.0	BC	ST03
0.2	10	2	0.0	FI	F_76
0.2	2312	550	0.7	LE	VT12
0.2	188	44	0.1	BC	WE19
0.2	3	0	0.0	CA	S_ALR_87012168
0.2	34	7	0.0	CO	KP26
0.2	1	0	0.0	CA	S_ALR_87013598
0.2	76	16	0.0	PS	CN41N
0.2	1472	321	0.4	PP	CM01
0.2	65	14	0.0	FI	F.13
0.2	13555	2944	3.7	SD	VA32
0.2	86	18	0.0	PS	CN41
0.2	2	0	0.0	BC	SU03
0.2	1399	288	0.4	SD	VA33
0.2	59	11	0.0	MM	MCBZ
0.2	16	3	0.0	MM	MB58

Top Transactions by Database Wait Time

Time (s)	%	Steps	Avg (s)	Module	TCode/Report
7055	6.4	214960	0.0	OT	RFC
3833	3.5	13555	0.3	SD	VA32
3178	2.9	7216	0.4	OT	ZMTGEI02
2697	2.5	1234	2.2	OT	AUTOABAP
2401	2.2	73100	0.0	PP	MD04
2103	1.9	5555	0.4	PP	MD41
2052	1.9	7857	0.3	OT	ZM28
1993	1.8	345	5.8	PS	CJI3
1746	1.6	12641	0.1	PP	CO11
1575	1.4	9936	0.2	MM	MB51
1528	1.4	1252	1.2	PS	S_ALR_87013558
1445	1.3	10281	0.1	BC	SQ00
1370	1.2	2312	0.6	LE	VT12
1243	1.1	14745	0.1	OT	(BATCH)
1214	1.1	418	2.9	PP	COOIS
1163	1.1	26526	0.0	LE	VL10E
1138	1.0	246	4.6	OT	ZSAISIE
989	0.9	8656	0.1	MM	MIRO
909	0.8	128530	0.0	OT	ZM21
742	0.7	71	10.5	PS	CJEN
727	0.7	248	2.9	PS	S_ALR_87013563
672	0.6	16514	0.0	LE	LT09
651	0.6	15999	0.0	PP	MD07
618	0.6	35	17.7	MM	MR02
612	0.6	14377	0.0	LE	LP12
595	0.5	5074	0.1	LE	VT01N
580	0.5	1	580.6	SD	SDV03V02
546	0.5	16027	0.0	MM	ME38
505	0.5	5136	0.1	SD	VA02
502	0.5	1472	0.3	PP	CM01
480	0.4	1397	0.3	OT	ZM20
457	0.4	1399	0.3	SD	VA33
448	0.4	1035	0.4	PP	CO26
448	0.4	162	2.8	LE	RLLL01SE
438	0.4	2467	0.2	MM	ME20
433	0.4	78	5.6	MM	MC47
423	0.4	1	423.8	PP	RMMPS000
400	0.4	1118	0.4	MM	MRN9
390	0.4	7166	0.1	SD	VA01
390	0.4	6218	0.1	PP	CO02
386	0.4	9	43.0	PP	RMMRP000

Top Transactions by Database Wait Time (Dialog Tasks Only)

Time (s)	%	Steps	Avg (s)	Module	TCode/Report
3833	3.5	13555	0.3	SD	VA32
2401	2.2	73100	0.0	PP	MD04
2103	1.9	5555	0.4	PP	MD41
1993	1.8	345	5.8	PS	CJI3
1746	1.6	12641	0.1	PP	CO11
1575	1.4	9936	0.2	MM	MB51
1528	1.4	1252	1.2	PS	S_ALR_87013558
1445	1.3	10281	0.1	BC	SQ00
1370	1.2	2312	0.6	LE	VT12
1214	1.1	418	2.9	PP	COOIS
1163	1.1	26526	0.0	LE	VL10E
1138	1.0	246	4.6	OT	ZSAISIE
989	0.9	8656	0.1	MM	MIRO
909	0.8	128530	0.0	OT	ZM21
742	0.7	71	10.5	PS	CJEN
727	0.7	248	2.9	PS	S_ALR_87013563
612	0.6	14377	0.0	LE	LP12
502	0.5	1472	0.3	PP	CM01
457	0.4	1399	0.3	SD	VA33
448	0.4	1035	0.4	PP	CO26
438	0.4	2467	0.2	MM	ME20
433	0.4	78	5.6	MM	MC47
400	0.4	1118	0.4	MM	MRN9
390	0.4	6218	0.1	PP	CO02
377	0.3	38541	0.0	BC	SESSION_MANAGER
377	0.3	9190	0.0	LE	VL02N
360	0.3	1037	0.3	PP	CO04
357	0.3	4023	0.1	MM	MB01
355	0.3	86	4.1	PS	CN41
343	0.3	3880	0.1	PP	CO40
341	0.3	4505	0.1	LE	VL10I
341	0.3	32	10.7	MM	MC50
335	0.3	335	1.0	OT	ZEMANQNEW
321	0.3	3105	0.1	MM	ME84
296	0.3	3819	0.1	PM	IW21
239	0.2	4174	0.1	LE	VL03N
222	0.2	5078	0.0	BC	SBWP
222	0.2	982	0.2	EC	KE5Z
219	0.2	4077	0.1	LE	VL06P
207	0.2	949	0.2	PP	CO05
201	0.2	6694	0.0	FI	FBL5N

Top Transactions by Average Database Wait Time

Avg (s)	Steps	Time (s)	%	Module	TCode/Report
580.6	1	580	0.5	SD	SDV03V02
423.8	1	423	0.4	PP	RMMP5000
147.3	1	147	0.1	BC	RSBTCDEL2
117.3	1	117	0.1	OT	ZP_FICO_PUSHNUMBER
88.2	1	88	0.1	OT	Z_FACT
55.2	1	55	0.1	BC	RSPO1043
43.0	9	386	0.4	PP	RMMRP000
42.3	1	42	0.0	BC	RSWWCLEAR
29.3	1	29	0.0	MM	RM06ENP1
27.9	3	83	0.1	OT	ZMOLEPEX02
26.8	1	26	0.0	BC	RSPO0041
26.3	6	157	0.1	MM	RM06EFLB
24.7	1	24	0.0	OT	Z_FACT_ZM05
23.1	1	23	0.0	BC	RSBPCOLL
19.5	4	77	0.1	PP	RMCP6BIN
17.7	35	618	0.6	MM	MR02
17.5	1	17	0.0	OT	Z_FACT_ZM03_IV
14.4	26	373	0.3	BC	RSCOLL00
14.3	1	14	0.0	OT	ZP_SD_PEX_2_LIV
10.7	32	341	0.3	MM	MC50
10.7	1	10	0.0	PP	RMCP6FLS
10.5	71	742	0.7	PS	CJEN
10.3	6	61	0.1	PP	MD01
10.3	1	10	0.0	CA	S_ALR_87013646
9.6	1	9	0.0	OT	Z_FACT_C3
9.1	1	9	0.0	OT	ZMVEX002
8.9	4	35	0.0	PP	RM60RR20
8.8	1	8	0.0	OT	AQDCINDIC_PROD==ZPP_EFFIC_VGO=
8.2	1	8	0.0	BC	DB01
8.0	3	24	0.0	OT	AQDCADV=====LIVRAISONSQA==
7.4	3	22	0.0	OT	<RPC(GENERATE ABAP (CLI WP 12))>
7.2	1	7	0.0	OT	Z_FACT_ZM03
7.0	26	181	0.2	BC	RSAL_BATCH_TOOL_DISPATCHING
6.6	3	19	0.0	OT	AQDCINDIC_PROD==ZPP_EFFICIENCE
6.1	1	6	0.0	OT	AQDCDIR_PROD====REBUT_951-552=
6.0	1	6	0.0	BC	RSBDCBTC
5.8	8	46	0.0	OT	AQDCAPPRO=====APPRO_FUTUR_CH
5.8	345	1993	1.8	PS	CJI3
5.6	78	433	0.4	MM	MC47
5.5	3	16	0.0	CA	S_ALR_87012168
5.5	4	21	0.0	BC	RSDB0005

Top Transactions by Average Database Wait Time (Dialog Tasks Only)

Avg (s)	Steps	Time (s)	%	Module	TCode/Report
10.7	32	341	0.3	MM	MC50
10.5	71	742	0.7	PS	CJEN
10.3	6	61	0.1	PP	MD01
10.3	1	10	0.0	CA	S_ALR_87013646
8.2	1	8	0.0	BC	DB01
5.8	345	1993	1.8	PS	CJI3
5.6	78	433	0.4	MM	MC47
5.5	3	16	0.0	CA	S_ALR_87012168
4.6	246	1138	1.0	OT	ZSAISIE
4.1	86	355	0.3	PS	CN41
2.9	248	727	0.7	PS	S_ALR_87013563
2.9	418	1214	1.1	PP	COOIS
2.1	1	2	0.0	FI	OBVCU
1.7	70	117	0.1	OT	Z_ECLAT_NOMEN
1.5	34	51	0.0	OT	ZVGOPP27
1.5	22	32	0.0	OT	ZFACTAD
1.2	1252	1528	1.4	PS	S_ALR_87013558
1.2	41	49	0.0	OT	ZEDI
1.1	1	1	0.0	CA	S_ALR_87012249
1.1	1	1	0.0	FI	FBL1
1.0	335	335	0.3	OT	ZEMANQNEW
1.0	10	9	0.0	FI	F_76
0.9	2	1	0.0	CA	S_ALR_87012081
0.9	7	6	0.0	PP	MF47
0.9	59	51	0.0	MM	MCBZ
0.7	210	151	0.1	PS	CJI5
0.7	1	0	0.0	CA	OS54
0.7	25	17	0.0	BC	ST03
0.7	2	1	0.0	BC	SU03
0.7	1	0	0.0	CA	S_ALR_87013598
0.7	3	1	0.0	FI	FDKUSER
0.6	2	1	0.0	PM	OID3
0.6	2312	1370	1.2	LE	VT12
0.5	8	3	0.0	PM	IW28
0.5	4	1	0.0	BC	SE93
0.5	1	0	0.0	BC	SCAT
0.5	9	4	0.0	BC	SE12
0.5	76	35	0.0	PS	CN41N
0.5	10	4	0.0	CO	KKF8
0.5	3	1	0.0	BC	SE13
0.5	24	10	0.0	SD	V.23

Top Transactions by Memory Consumption

Memory (MB)	%	Steps	Avg (MB)	Module	TCode/Report
4293	8.7	128530	0.0	OT	ZM21
3075	6.2	73100	0.0	PP	MD04
1302	2.6	214960	0.0	OT	RFC
1272	2.6	26526	0.0	LE	VL10E
1022	2.1	38541	0.0	BC	SESSION_MANAGER
853	1.7	15999	0.1	PP	MD07
826	1.7	20891	0.0	LE	LS26
653	1.3	16027	0.0	MM	ME38
537	1.1	13555	0.0	SD	VA32
528	1.1	9936	0.1	MM	MB51
504	1.0	10281	0.0	BC	SQ00
424	0.9	6694	0.1	FI	FBL5N
354	0.7	6684	0.1	FI	FBL3N
305	0.6	14377	0.0	LE	LP12
291	0.6	7326	0.0	FI	FBL1N
273	0.6	5078	0.1	BC	SBWP
271	0.6	4505	0.1	LE	VL10I
245	0.5	5873	0.0	PP	MD06
232	0.5	8656	0.0	MM	MIRO
217	0.4	6226	0.0	LO	MM03
201	0.4	6218	0.0	PP	CO02
199	0.4	5136	0.0	SD	VA02
189	0.4	9190	0.0	LE	VL02N
179	0.4	4174	0.0	LE	VL03N
166	0.3	5074	0.0	LE	VT01N
161	0.3	1035	0.2	PP	CO26
159	0.3	4077	0.0	LE	VL06P
153	0.3	3231	0.0	LE	LT24
151	0.3	3880	0.0	PP	CO40
141	0.3	7166	0.0	SD	VA01
140	0.3	3105	0.0	MM	ME84
139	0.3	345	0.4	PS	CJI3
136	0.3	12641	0.0	PP	CO11
127	0.3	4072	0.0	FI	FS10N
123	0.3	3819	0.0	PM	IW21
122	0.2	2633	0.0	LE	LX03
121	0.2	5555	0.0	PP	MD41
120	0.2	3117	0.0	MM	ME33L
117	0.2	2243	0.1	LE	LL01
114	0.2	2071	0.1	LE	VL10F
112	0.2	3679	0.0	FI	F-28

Top Transactions by Memory Consumption (Dialog Tasks Only)

Memory (MB)	%	Steps	Avg (MB)	Module	TCode/Report
4293	8.7	128530	0.0	OT	ZM21
3075	6.2	73100	0.0	PP	MD04
1272	2.6	26526	0.0	LE	VL10E
1022	2.1	38541	0.0	BC	SESSION_MANAGER
826	1.7	20891	0.0	LE	LS26
537	1.1	13555	0.0	SD	VA32
528	1.1	9936	0.1	MM	MB51
504	1.0	10281	0.0	BC	SQ00
424	0.9	6694	0.1	FI	FBL5N
354	0.7	6684	0.1	FI	FBL3N
305	0.6	14377	0.0	LE	LP12
273	0.6	5078	0.1	BC	SBWP
271	0.6	4505	0.1	LE	VL10I
245	0.5	5873	0.0	PP	MD06
232	0.5	8656	0.0	MM	MIRO
217	0.4	6226	0.0	LO	MM03
201	0.4	6218	0.0	PP	CO02
189	0.4	9190	0.0	LE	VL02N
179	0.4	4174	0.0	LE	VL03N
161	0.3	1035	0.2	PP	CO26
159	0.3	4077	0.0	LE	VL06P
153	0.3	3231	0.0	LE	LT24
151	0.3	3880	0.0	PP	CO40
140	0.3	3105	0.0	MM	ME84
139	0.3	345	0.4	PS	CJI3
136	0.3	12641	0.0	PP	CO11
127	0.3	4072	0.0	FI	FS10N
123	0.3	3819	0.0	PM	IW21
122	0.2	2633	0.0	LE	LX03
121	0.2	5555	0.0	PP	MD41
120	0.2	3117	0.0	MM	ME33L
117	0.2	2243	0.1	LE	LL01
114	0.2	2071	0.1	LE	VL10F
112	0.2	3679	0.0	FI	F-28
112	0.2	2150	0.1	FI	F-36
101	0.2	2876	0.0	PP	MC94
100	0.2	3430	0.0	LO	MM02
96	0.2	4171	0.0	MM	ME32L
96	0.2	2802	0.0	LE	VL02
95	0.2	2312	0.0	LE	VT12
93	0.2	2833	0.0	MM	ME2L

Top Transactions by Average Dialog Response Time

Avg (s)	Steps	Time (s)	Module	TCode/Report
70.5	10	704	OT	ZECRITURES
38.8	34	1317	MM	MR02
28.2	246	6926	OT	ZSAISIE
20.6	22	453	OT	ZFACTAD
15.8	1	15	CA	S_ALR_87013646
15.5	6	93	PP	MD01
13.3	71	944	PS	CJEN
12.3	32	394	MM	MC50
9.4	1	9	BC	DB01
9.3	345	3221	PS	CJI3
9.1	126	1145	OT	ZVGOPP13
9.1	3	27	CA	S_ALR_87012168
8.7	78	675	MM	MC47
7.9	1	7	LE	VL31
7.9	1	7	MM	MEKA
7.1	70	499	OT	Z_ECLAT_NOMEN
6.7	1	6	CA	OS54
5.7	1	5	FI	F.64
5.1	248	1272	PS	S_ALR_87013563
4.9	1	4	FI	FD33
4.9	1	4	FI	OBVCU
4.6	86	395	PS	CN41
3.8	41	155	OT	ZEDI
3.7	418	1553	PP	COOIS
3.7	4	14	LE	LX23
3.5	57	197	MM	MKVZ
3.4	3	10	FI	FDKUSER
3.2	332	1063	FI	GR55
2.7	192	523	CO	CK24
2.7	1	2	BC	SWUS
2.6	88	227	CO	S_ALR_87099930
2.5	16	40	CO	KB23N
2.5	12	30	PM	IH09
2.4	12	29	FI	F_90
2.4	19	45	BC	ST03
2.3	1252	2941	PS	S_ALR_87013558
2.3	4	9	CA	S_ALR_87012175
2.2	204	456	PP	CO28
2.1	125	263	FI	CJCO
2.1	1	2	LE	LX15
2.1	2	4	QM	QA13

Top Transactions by Average Dialog Response Time (Dialog Tasks Only)

Avg (s)	Steps	Time (s)	Module	TCode/Report
70.5	10	704	OT	ZECRITURES
28.2	246	6926	OT	ZSAISIE
20.6	22	453	OT	ZFACTAD
15.8	1	15	CA	S_ALR_87013646
15.5	6	93	PP	MD01
13.3	71	944	PS	CJEN
12.3	32	394	MM	MC50
9.4	1	9	BC	DB01
9.3	345	3221	PS	CJI3
9.1	126	1145	OT	ZVGOPP13
9.1	3	27	CA	S_ALR_87012168
8.7	78	675	MM	MC47
7.9	1	7	LE	VL31
7.9	1	7	MM	MEKA
7.1	70	499	OT	Z_ECLAT_NOMEN
6.7	1	6	CA	OS54
5.7	1	5	FI	F.64
5.1	248	1272	PS	S_ALR_87013563
4.9	1	4	FI	FD33
4.9	1	4	FI	OBVCU
4.6	86	395	PS	CN41
3.8	41	155	OT	ZEDI
3.7	418	1553	PP	COOIS
3.7	4	14	LE	LX23
3.5	57	197	MM	MKVZ
3.4	3	10	FI	FDKUSER
3.2	332	1063	FI	GR55
2.7	192	523	CO	CK24
2.7	1	2	BC	SWUS
2.6	88	227	CO	S_ALR_87099930
2.5	16	40	CO	KB23N
2.5	12	30	PM	IH09
2.4	12	29	FI	F_90
2.4	19	45	BC	ST03
2.3	1252	2941	PS	S_ALR_87013558
2.3	4	9	CA	S_ALR_87012175
2.2	204	456	PP	CO28
2.1	1	2	LE	LX15
2.1	2	4	QM	QA13
2.0	5	10	BC	SMT1
2.0	467	954	FI	FD10N

Top Users by Number of Dialog Steps

Steps	%	User ID
201044	17.7	TEKLOGI2
78088	6.9	SAPSYS
61356	5.4	WVANHORE
58661	5.2	SJEAN
40913	3.6	GIS_USER
27310	2.4	INSIGHT
18041	1.6	CCHALAME
13736	1.2	CPS
11162	1.0	JMO
11070	1.0	WF-BATCH
8366	0.7	LABERNAR
7871	0.7	OCHOVET
7774	0.7	RABALDE
7124	0.6	VFOUQUE
6998	0.6	FBAHAR
6857	0.6	CLOPES
6571	0.6	CBOURSIN
5840	0.5	ETORRES
5780	0.5	SKARADEN
5501	0.5	CRAMOS
5302	0.5	LINVERSO
5152	0.5	JFRANDON
4814	0.4	MLABOULA
4766	0.4	SOVALMAR
4757	0.4	DMENDEZ
4649	0.4	ALEFORT
4560	0.4	ILERROY
4497	0.4	FDUCRET
4467	0.4	MDEKANI
4447	0.4	IDETAL
4395	0.4	LCORNA
4297	0.4	SVIOLINI
4159	0.4	PBARRUYE
4148	0.4	HCAMDERE
4131	0.4	OGARGOUB
4113	0.4	SFOYARD
4014	0.4	JCOSTA
3879	0.3	JGONZALE
3855	0.3	JLESAULN
3854	0.3	JHUSSON
3836	0.3	NCHOYER

Top Users by Number of Dialog Steps (Dialog Tasks Only)

Steps	%	User ID
61314	5.4	WVANHORE
58649	5.2	SJEAN
17740	1.6	SAPSYS
8849	0.8	JMO
7526	0.7	RABALDE
6610	0.6	CLOPES
6426	0.6	VFOUQUE
6416	0.6	LABERNAR
6386	0.6	FBAHAR
5569	0.5	ETORRES
5465	0.5	SKARADEN
5387	0.5	CBOURSIN
5280	0.5	LINVERSO
4521	0.4	SOVALMAR
4239	0.4	FDUCRET
4232	0.4	DMENDEZ
4067	0.4	MLABOULA
4050	0.4	CRAMOS
3998	0.4	ALEFORT
3993	0.4	MDEKANI
3918	0.3	IDETAL
3900	0.3	JFRANDON
3804	0.3	ILERROY
3754	0.3	LCORNA
3692	0.3	JLESAULN
3625	0.3	HCAMDERE
3512	0.3	JCOSTA
3474	0.3	NCHOYER
3467	0.3	SFOYARD
3453	0.3	FLEUVREY
3369	0.3	OGARGOUB
3358	0.3	PBARRUYE
3349	0.3	JPCHAGNE
3186	0.3	RROCHA
3154	0.3	JHUSSON
3134	0.3	EPITHIOU
3107	0.3	CMOCHET
3065	0.3	GOSTERNA
3028	0.3	AAJABI
3000	0.3	SCUELLO
2985	0.3	JGONZALE

Top Users by Application Server CPU Time

Time (s)	%	Steps	Avg (s)	User ID
8417	10.6	201044	0.0	TEKLOGI2
3174	4.0	27310	0.1	INSIGHT
3056	3.9	40913	0.1	GIS_USER
2090	2.6	18041	0.1	CCHALAME
1909	2.4	2394	0.8	DDIC
1898	2.4	13736	0.1	CPS
1802	2.3	7871	0.2	OCHOVET
1057	1.3	78088	0.0	SAPSYS
1028	1.3	4757	0.2	DMENDEZ
541	0.7	11070	0.0	WF-BATCH
505	0.6	5501	0.1	CRAMOS
481	0.6	11162	0.0	JMO
464	0.6	1722	0.3	ALRODRIG
447	0.6	3086	0.1	CROBINET
445	0.6	367	1.2	ANICOSIA
407	0.5	1587	0.3	LCOLAS
394	0.5	8366	0.0	LABERNAR
376	0.5	3410	0.1	HMBAREK
350	0.4	3854	0.1	JHUSSON
338	0.4	1569	0.2	DSEGUIN
336	0.4	506	0.7	ADARRAS
308	0.4	4814	0.1	MLABOULA
290	0.4	441	0.7	LNETENS
273	0.3	7124	0.0	VFOUQUE
270	0.3	3695	0.1	CROCHAIX
265	0.3	4560	0.1	ILERROY
264	0.3	605	0.4	VPRINCE
248	0.3	3056	0.1	CQUINTAN
245	0.3	4148	0.1	HCAMDERE
201	0.3	61356	0.0	WVANHORE
196	0.2	5302	0.0	LINVERSO
192	0.2	2097	0.1	JBLONDEA
192	0.2	2030	0.1	SLUBREZ
184	0.2	3177	0.1	FSANCHEZ
180	0.2	2854	0.1	PSOCOL
179	0.2	1220	0.1	TLEMONNI
176	0.2	1477	0.1	JFEYBESS
175	0.2	6571	0.0	CBOURSIN
174	0.2	5152	0.0	JFRANDON
173	0.2	3855	0.0	JLESAULN
169	0.2	666	0.3	NDUFOUR

Top Users by Application Server CPU Time (Dialog Tasks Only)

Time (s)	%	Steps	Avg (s)	User ID
2011	2.5	838	2.4	CCHALAME
1765	2.2	814	2.2	OCHOVET
1022	1.3	4232	0.2	DMENDEZ
497	0.6	4050	0.1	CRAMOS
459	0.6	1581	0.3	ALRODRIG
445	0.6	360	1.2	ANICOSIA
444	0.6	2679	0.2	CROBINET
426	0.5	8849	0.0	JMO
405	0.5	1438	0.3	LCOLAS
371	0.5	6416	0.1	LABERNAR
370	0.5	2901	0.1	HMBAREK
337	0.4	3154	0.1	JHUSSON
336	0.4	501	0.7	ADARRAS
335	0.4	1107	0.3	DSEGUIN
302	0.4	4067	0.1	MLABOULA
289	0.4	395	0.7	LNETENS
262	0.3	490	0.5	VPRINCE
256	0.3	6426	0.0	VFOUQUE
247	0.3	3804	0.1	ILERROY
241	0.3	3625	0.1	HCAMDERE
235	0.3	2128	0.1	CQUINTAN
231	0.3	2620	0.1	CROCHAIX
201	0.3	61314	0.0	WVANHORE
195	0.2	5280	0.0	LINVERSO
191	0.2	2027	0.1	SLUBREZ
190	0.2	1798	0.1	JBLONDEA
176	0.2	1160	0.2	TLEMONNI
176	0.2	1448	0.1	JFEYBESS
174	0.2	2644	0.1	FSANCHEZ
169	0.2	3692	0.0	JLESAULN
169	0.2	2042	0.1	PSOCOL
168	0.2	658	0.3	NDUFOUR
167	0.2	2647	0.1	LMEFFRE
165	0.2	3028	0.1	AAJABI
160	0.2	5387	0.0	CBOURSIN
160	0.2	3474	0.0	NCHOYER
159	0.2	3900	0.0	JFRANDON
155	0.2	2663	0.1	MGARCIAR
153	0.2	2240	0.1	AAVELEIR
151	0.2	3918	0.0	IDETAL
149	0.2	3349	0.0	JPCHAGNE

Top Users by Average Application Server CPU Time

Avg (s)	Steps	Time (s)	%	User ID
1.2	367	445	0.6	ANICOSIA
1.0	15	15	0.0	VMATHIEU
0.8	2394	1909	2.4	DDIC
0.7	506	336	0.4	ADARRAS
0.7	441	290	0.4	LNETENS
0.5	275	141	0.2	TMSADM
0.5	92	44	0.1	UFERE
0.4	605	264	0.3	VPRINCE
0.3	2	0	0.0	BBALAIR
0.3	441	135	0.2	MARAUJO
0.3	1722	464	0.6	ALRODRIG
0.3	1587	407	0.5	LCOLAS
0.3	666	169	0.2	NDUFOUR
0.2	368	88	0.1	CFAIJAN
0.2	7871	1802	2.3	OCHOVET
0.2	4757	1028	1.3	DMENDEZ
0.2	1569	338	0.4	DSEGUIN
0.2	13	2	0.0	DLENEVEU
0.2	6	1	0.0	KMARTIN
0.2	152	30	0.0	HDRIDI
0.2	2	0	0.0	SFERREIR
0.2	8	1	0.0	CGIULIAN
0.2	158	27	0.0	GQUATREF
0.2	626	101	0.1	DVILLALA
0.2	427	68	0.1	CHMARTIN
0.1	1220	179	0.2	TLEMONNI
0.1	3086	447	0.6	CROBINET
0.1	39	5	0.0	CBERNIER
0.1	13736	1898	2.4	CPS
0.1	21	2	0.0	CROMAN
0.1	116	15	0.0	ODUDRAGN
0.1	496	62	0.1	CLEIRAS
0.1	63	7	0.0	EREYNAUD
0.1	1477	176	0.2	JFEYBESS
0.1	28	3	0.0	ELERUYET
0.1	27310	3174	4.0	INSIGHT
0.1	18041	2090	2.6	CCHALAME
0.1	128	14	0.0	CCOUTIER
0.1	298	33	0.0	FGAFFODI
0.1	413	46	0.1	SCHEDHOM
0.1	3410	376	0.5	HMBAREK

Top Users by Average Application Server CPU Time (Dialog Tasks Only)

Avg (s)	Steps	Time (s)	%	User ID
2.4	838	2011	2.5	CCHALAME
2.2	814	1765	2.2	OCHOVET
1.2	360	445	0.6	ANICOSIA
1.0	15	15	0.0	VMATHIEU
0.7	395	289	0.4	LNETENS
0.7	188	134	0.2	MARAUJO
0.7	501	336	0.4	ADARRAS
0.5	490	262	0.3	VPRINCE
0.5	92	44	0.1	UFERE
0.3	8	2	0.0	DLENEVEU
0.3	1107	335	0.4	DSEGUIN
0.3	1581	459	0.6	ALRODRIG
0.3	1438	405	0.5	LCOLAS
0.3	236	65	0.1	CHMARTIN
0.3	658	168	0.2	NDUFOUR
0.2	4232	1022	1.3	DMENDEZ
0.2	368	88	0.1	CFAIJAN
0.2	139	30	0.0	HDRIDI
0.2	7	1	0.0	CGIULIAN
0.2	6	1	0.0	KMARTIN
0.2	158	27	0.0	GQUATREF
0.2	2679	444	0.6	CROBINET
0.2	11	1	0.0	VPHONGCH
0.2	12	1	0.0	FCLEMENT
0.2	621	101	0.1	DVILLALA
0.2	17	2	0.0	CROMAN
0.2	37	5	0.0	CBERNIER
0.2	1160	176	0.2	TLEMONNI
0.2	100	15	0.0	ODUDRAGN
0.1	302	44	0.1	SCHEDHOM
0.1	24	3	0.0	ELERUYET
0.1	2901	370	0.5	HMBAREK
0.1	492	62	0.1	CLEIRAS
0.1	63	7	0.0	EREYNAUD
0.1	4050	497	0.6	CRAMOS
0.1	1448	176	0.2	JFEYBESS
0.1	5	0	0.0	LBACCAUD
0.1	969	114	0.1	PMARTIN
0.1	73	8	0.0	STRAMONT
0.1	128	14	0.0	CCOUTIER
0.1	298	33	0.0	FGAFFODI

Top Users by Database Wait Time

Time (s)	%	Steps	Avg (s)	User ID
10920	10.2	201044	0.1	TEKLOGI2
4651	4.3	78088	0.1	SAPSYS
3591	3.4	40913	0.1	GIS_USER
3121	2.9	13736	0.2	CPS
3086	2.9	27310	0.1	INSIGHT
2338	2.2	7871	0.3	OCHOVET
1686	1.6	2394	0.7	DDIC
1316	1.2	441	3.0	LNETENS
1174	1.1	1789	0.7	CRODRIGU
1157	1.1	18041	0.1	CCHALAME
1100	1.0	1587	0.7	LCOLAS
946	0.9	5501	0.2	CRAMOS
875	0.8	1271	0.7	FFLECHAI
761	0.7	4814	0.2	MLABOULA
627	0.6	11070	0.1	WF-BATCH
514	0.5	11162	0.0	JMO
442	0.4	4148	0.1	HCAMDERE
436	0.4	61356	0.0	WVANHORE
423	0.4	1569	0.3	DSEGUIN
418	0.4	3410	0.1	HMBAREK
411	0.4	2546	0.2	DDUBREUI
403	0.4	4297	0.1	SVIOLINI
375	0.4	5152	0.1	JFRANDON
356	0.3	2718	0.1	LMEFFRE
354	0.3	367	1.0	ANICOSIA
353	0.3	3854	0.1	JHUSSON
345	0.3	6571	0.1	CBOURSIN
334	0.3	3695	0.1	CROCHAIX
325	0.3	4757	0.1	DMENDEZ
303	0.3	605	0.5	VPRINCE
296	0.3	3086	0.1	CROBINET
293	0.3	3879	0.1	JGONZALE
269	0.3	4113	0.1	SFOYARD
263	0.2	3243	0.1	MCAVALEI
263	0.2	1968	0.1	SMICHEL
262	0.2	2120	0.1	JBARBOSA
261	0.2	1867	0.1	ADENIER
248	0.2	679	0.4	CBOURDIN
243	0.2	1477	0.2	JFEYBESS
238	0.2	4560	0.1	ILERROY
237	0.2	58661	0.0	SJEAN

Top Users by Database Wait Time (Dialog Tasks Only)

Time (s)	%	Steps	Avg (s)	User ID
2242	2.1	814	2.8	OCHOVET
1315	1.2	395	3.3	LNETENS
1159	1.1	1513	0.8	CRODRIGU
1091	1.0	1438	0.8	LCOLAS
953	0.9	838	1.1	CCHALAME
915	0.9	4050	0.2	CRAMOS
867	0.8	1057	0.8	FFLECHAI
732	0.7	4067	0.2	MLABOULA
436	0.4	61314	0.0	WVANHORE
428	0.4	8849	0.0	JMO
418	0.4	3625	0.1	HCAMDERE
414	0.4	1107	0.4	DSEGUIN
400	0.4	2173	0.2	DDUBREUI
386	0.4	2901	0.1	HMBAREK
354	0.3	360	1.0	ANICOSIA
350	0.3	2647	0.1	LMEFFRE
328	0.3	2908	0.1	SVIOLINI
327	0.3	3900	0.1	JFRANDON
323	0.3	3154	0.1	JHUSSON
303	0.3	5387	0.1	CBOURSIN
293	0.3	490	0.6	VPRINCE
283	0.3	4232	0.1	DMENDEZ
274	0.3	2620	0.1	CROCHAIX
274	0.3	2679	0.1	CROBINET
250	0.2	1986	0.1	JBARBOSA
250	0.2	1750	0.1	ADENIER
248	0.2	2985	0.1	JGONZALE
248	0.2	3467	0.1	SFOYARD
248	0.2	677	0.4	CBOURDIN
240	0.2	1448	0.2	JFEYBESS
237	0.2	58649	0.0	SJEAN
232	0.2	2866	0.1	MCAVALEI
226	0.2	560	0.4	KRODRIGU
222	0.2	1584	0.1	SMICHEL
221	0.2	3804	0.1	ILERROY
212	0.2	3918	0.1	IDETAL
207	0.2	3186	0.1	RROCHA
201	0.2	3107	0.1	CMOCHET
197	0.2	1798	0.1	JBLONDEA
196	0.2	2830	0.1	IMEJRI
195	0.2	1923	0.1	SGARON

Top Users by Average Database Wait Time

Avg (s)	Steps	Time (s)	%	User ID
5.0	2	10	0.0	BBALAIR
3.0	441	1316	1.2	LNETENS
1.7	2	3	0.0	SFERREIR
1.7	51	85	0.1	LERDEMIR
1.7	92	152	0.1	UFERE
1.0	367	354	0.3	ANICOSIA
0.8	2	1	0.0	VBLANC
0.7	2394	1686	1.6	DDIC
0.7	1587	1100	1.0	LCOLAS
0.7	1271	875	0.8	FFLECHAI
0.7	1789	1174	1.1	CRODRIGU
0.6	15	9	0.0	VMATHIEU
0.5	605	303	0.3	VPRINCE
0.5	78	37	0.0	AMACEIRA
0.4	564	228	0.2	KRODRIGU
0.4	679	248	0.2	CBOURDIN
0.4	506	181	0.2	ADARRAS
0.3	92	27	0.0	OSANTOS
0.3	7871	2338	2.2	OCHOVET
0.3	89	26	0.0	STRAMONT
0.3	39	11	0.0	CBERNIER
0.3	1569	423	0.4	DSEGUIN
0.3	248	65	0.1	EHACILAR
0.2	368	90	0.1	CFAIJAN
0.2	4	0	0.0	PREPUSSE
0.2	13736	3121	2.9	CPS
0.2	496	108	0.1	CLEIRAS
0.2	626	136	0.1	DVILLALA
0.2	7	1	0.0	SAPADMIN
0.2	298	61	0.1	FGAFFODI
0.2	413	81	0.1	SCHEDHOM
0.2	65	12	0.0	POYER
0.2	128	24	0.0	CCOUTIER
0.2	441	82	0.1	MARAUJO
0.2	5501	946	0.9	CRAMOS
0.2	1477	243	0.2	JFEYBESS
0.2	2546	411	0.4	DDUBREUI
0.2	800	127	0.1	CPORQUIE
0.2	1089	173	0.2	CLEOTHAU
0.2	4814	761	0.7	MLABOULA
0.2	352	54	0.1	NPOUILLE

Top Users by Average Database Wait Time (Dialog Tasks Only)

Avg (s)	Steps	Time (s)	%	User ID
3.3	395	1315	1.2	LNETENS
2.8	814	2242	2.1	OCHOVET
1.9	45	85	0.1	LERDEMIR
1.7	92	152	0.1	UFERE
1.1	838	953	0.9	CCHALAME
1.0	360	354	0.3	ANICOSIA
0.8	1057	867	0.8	FFLECHAI
0.8	1513	1159	1.1	CRODRIGU
0.8	1438	1091	1.0	LCOLAS
0.6	15	9	0.0	VMATHIEU
0.6	490	293	0.3	VPRINCE
0.6	66	37	0.0	AMACEIRA
0.4	188	80	0.1	MARAUJO
0.4	560	226	0.2	KRODRIGU
0.4	1107	414	0.4	DSEGUIN
0.4	677	248	0.2	CBOURDIN
0.4	501	181	0.2	ADARRAS
0.4	73	26	0.0	STRAMONT
0.3	37	11	0.0	CBERNIER
0.3	88	27	0.0	OSANTOS
0.3	223	65	0.1	EHACILAR
0.3	302	76	0.1	SCHEDHOM
0.2	368	90	0.1	CFAIJAN
0.2	8	1	0.0	YGATTEGN
0.2	4	0	0.0	PREPUSSE
0.2	4050	915	0.9	CRAMOS
0.2	492	108	0.1	CLEIRAS
0.2	621	135	0.1	DVILLALA
0.2	298	61	0.1	FGAFFODI
0.2	65	12	0.0	POYER
0.2	128	24	0.0	CCOUTIER
0.2	2173	400	0.4	DDUBREUI
0.2	4067	732	0.7	MLABOULA
0.2	947	170	0.2	CLEOTHAU
0.2	17	2	0.0	CROMAN
0.2	1448	240	0.2	JFEYBESS
0.2	763	125	0.1	CPORQUIE
0.2	581	95	0.1	AJEMELI
0.2	224	35	0.0	FBOURDAT
0.2	352	54	0.1	NPOUILLE
0.1	8	1	0.0	DLENEVEU

Top Users by Memory Consumption

Memory (MB)	%	Steps	Avg (MB)	User ID
2057	3.9	61356	0.0	WVANHORE
1968	3.8	58661	0.0	SJEAN
531	1.0	201044	0.0	TEKLOGI2
517	1.0	11162	0.0	JMO
473	0.9	27310	0.0	INSIGHT
470	0.9	6998	0.1	FBAHAR
324	0.6	4467	0.1	MDEKANI
272	0.5	5302	0.1	LINVERSO
272	0.5	4814	0.1	MLABOULA
258	0.5	5840	0.0	ETORRES
257	0.5	3836	0.1	NCHOYER
248	0.5	3739	0.1	AAJABI
245	0.5	4560	0.1	ILERROY
241	0.5	4447	0.1	IDETAL
219	0.4	4297	0.1	SVIOLINI
215	0.4	3855	0.1	JLESAULN
207	0.4	5501	0.0	CRAMOS
204	0.4	4148	0.0	HCAMDERE
195	0.4	3277	0.1	MGARCIAR
190	0.4	2982	0.1	CNEAMTU
177	0.3	4113	0.0	SFOYARD
173	0.3	2899	0.1	SAVONDES
172	0.3	4649	0.0	ALEFORT
171	0.3	6857	0.0	CLOPES
171	0.3	3541	0.0	FLEUVREY
170	0.3	7124	0.0	VFOUQUE
165	0.3	4159	0.0	PBARRUYE
165	0.3	4014	0.0	JCOSTA
163	0.3	2854	0.1	PSOCOL
160	0.3	4131	0.0	OGARGOUB
160	0.3	2362	0.1	IMONNET
155	0.3	3330	0.0	MFRIKHIA
155	0.3	3177	0.0	FSANCHEZ
154	0.3	2718	0.1	LMEFFRE
153	0.3	40913	0.0	GIS_USER
152	0.3	2097	0.1	JBLONDEA
150	0.3	3691	0.0	RROCHA
149	0.3	8366	0.0	LABERNAR
147	0.3	5780	0.0	SKARADEN
147	0.3	3402	0.0	SCUELLO
145	0.3	2945	0.0	GDURMAZ

Top Users by Memory Consumption (Dialog Tasks Only)

Memory (MB)	%	Steps	Avg (MB)	User ID
2057	3.9	61314	0.0	WVANHORE
1968	3.8	58649	0.0	SJEAN
509	1.0	8849	0.1	JMO
470	0.9	6386	0.1	FBAHAR
323	0.6	3993	0.1	MDEKANI
272	0.5	5280	0.1	LINVERSO
271	0.5	4067	0.1	MLABOULA
258	0.5	5569	0.0	ETORRES
257	0.5	3474	0.1	NCHOYER
247	0.5	3028	0.1	AAJABI
242	0.5	3804	0.1	ILEROY
240	0.5	3918	0.1	IDETAL
215	0.4	2908	0.1	SVIOLINI
215	0.4	3692	0.1	JLESAULN
206	0.4	4050	0.1	CRAMOS
203	0.4	3625	0.1	HCAMDERE
194	0.4	2663	0.1	MGARCIAR
190	0.4	2676	0.1	CNEAMTU
177	0.3	3467	0.1	SFOYARD
171	0.3	2283	0.1	SAVONDES
171	0.3	3998	0.0	ALEFORT
171	0.3	3453	0.0	FLEUVREY
170	0.3	6610	0.0	CLOPES
168	0.3	6426	0.0	VFOUQUE
164	0.3	3512	0.0	JCOSTA
162	0.3	3358	0.0	PBARRUYE
161	0.3	2042	0.1	PSOCOL
159	0.3	2161	0.1	IMONNET
158	0.3	3369	0.0	OGARGOUB
154	0.3	2647	0.1	LMEFFRE
153	0.3	2644	0.1	FSANCHEZ
152	0.3	1798	0.1	JBLONDEA
151	0.3	2143	0.1	MFRIKHIA
149	0.3	3186	0.0	RROCHA
147	0.3	5465	0.0	SKRADEN
146	0.3	3000	0.0	SCUELLO
144	0.3	2486	0.1	GDURMAZ
143	0.3	6416	0.0	LABERNAR
139	0.3	2985	0.0	JGONZALE
139	0.3	4521	0.0	SOVALMAR
137	0.3	2526	0.1	EDEBOST

Top Users by Average Dialog Response Time

Avg (s)	Steps	Time (s)	User ID
7.6	838	6805	CCHALAME
7.1	37	264	NLAPEYRE
6.5	395	2581	LNETENS
5.2	814	4397	OCHOVET
4.4	92	402	UFERE
3.8	89	343	MCOSTE
3.7	80	295	SCREPIAT
3.2	188	611	MARAUJO
3.1	78	248	TABIDI
3.1	45	138	LERDEMIR
3.1	368	1125	CFAIJAN
2.9	166	475	CBARNABA
2.8	360	1018	ANICOSIA
2.7	128	339	CCOUTIER
2.5	501	1231	ADARRAS
2.4	132	311	MCROBERT
2.3	73	164	STRAMONT
2.2	106	239	PFIDALGO
2.0	15	30	VMATHIEU
1.9	726	1384	MDEMIR
1.8	1818	3249	FZENASNI
1.8	37	65	CBERNIER
1.7	205	357	MJBALAYN
1.6	658	1050	NDUFOUR
1.6	17	26	CROMAN
1.6	492	773	CLEIRAS
1.5	1438	2192	LCOLAS
1.5	267	399	FCOUTURI
1.5	44	65	CCHIRIAC
1.5	490	743	VPRINCE
1.5	433	639	SACHIR
1.4	763	1103	CPORQUIE
1.4	92	133	DMOURRAT
1.4	275	380	GROGER
1.4	1448	1974	JFEYBESS
1.3	1513	2060	CRODRIGU
1.3	66	84	AMACEIRA
1.2	284	353	JPINEAU
1.2	351	436	AALKAN
1.2	1057	1308	FFLECHAI
1.2	62	76	JLAGARDE

Top Users by Average Dialog Response Time (Dialog Tasks Only)

Avg (s)	Steps	Time (s)	User ID
7.6	838	6368	CCHALAME
7.1	37	264	NLAPEYRE
6.5	395	2571	LNETENS
5.2	814	4220	OCHOVET
4.4	92	402	UFERE
3.8	89	337	MCOSTE
3.7	80	295	SCREPIAT
3.2	188	607	MARAUJO
3.1	78	242	TABIDI
3.1	45	138	LERDEMIR
3.1	368	1125	CFAIJAN
2.9	166	474	CBARNABA
2.8	360	1018	ANICOSIA
2.7	128	339	CCOUTIER
2.5	501	1230	ADARRAS
2.4	132	310	MCROBERT
2.3	73	164	STRAMONT
2.2	106	233	PFIDALGO
2.0	15	30	VMATHIEU
1.9	726	1377	MDEMIR
1.8	1818	3248	FZENASNI
1.8	37	65	CBERNIER
1.7	205	352	MJBALAYN
1.6	658	1047	NDUFOUR
1.6	17	26	CROMAN
1.6	492	772	CLEIRAS
1.5	1438	2159	LCOLAS
1.5	267	399	FCOUTURI
1.5	44	65	CCHIRIAC
1.5	490	720	VPRINCE
1.5	433	635	SACHIR
1.4	763	1099	CPORQUIE
1.4	92	131	DMOURRAT
1.4	275	373	GROGER
1.4	1448	1964	JFEYBESS
1.3	1513	2013	CRODRIGU
1.3	66	84	AMACEIRA
1.2	284	353	JPINEAU
1.2	351	434	AALKAN
1.2	1057	1298	FFLECHAI
1.2	62	76	JLAGARDE

Instance List

Instance	DB Host	Work Process Type(s)
sapeccprd01_P01_00	sapeccprd01	Dialog Update Enqueue Spool Upd2 ICM
sapeccprd02_P01_00	sapeccprd01	Dialog Update Backg Upd2 ICM
sapeccprd03_P01_00	sapeccprd01	Dialog Update Backg Upd2 ICM
sapeccprd04_P01_00	sapeccprd01	Dialog Update Backg Upd2 ICM

Instance Information - sapeccprd01_P01_00

SAP Instance Information

Host Name: sapeccprd01
Database Hose: sapeccprd01
Database ID: P01
SAP Release: 702
SAP Kernel: 720
Work Processes: Dialog Update Enqueue Spool Upd2 ICM
Character Encoding: utf-16le

SAP Kernel Information

Kernel Release: 720_REL
Patch Level: 100
Compile Environment: Linux GNU SLES-9 x86_64 cc4.1.2 use-pr101108
Compile Date: Aug 4 2011 20:43:04
Database Library: OCI_102, 10.2.0.4.0, V5, default

SAPOSCOL Information

Collector Version: COLL 21.02 720 - v2.16, AMD/Intel x86_64 with Linux
Operating System: Linux sapeccprd01 2.6.32.24-0.2-default #1 SMP 201
Start: Fri Dec 30 12:53:49 2011
Interval: 60 sec
Last Update: Wed Jan 4 14:32:45 2012

Instance Information - sapeccprd02_P01_00

SAP Instance Information

Host Name: sapeccprd02
Database Hose: sapeccprd01
Database ID: P01
SAP Release: 702
SAP Kernel: 720
Work Processes: Dialog Update Backg Upd2 ICM
Character Encoding: utf-16le

SAP Kernel Information

Kernel Release: 720_REL
Patch Level: 100
Compile Environment: Linux GNU SLES-9 x86_64 cc4.1.2 use-pr101108
Compile Date: Aug 4 2011 20:43:04
Database Library: OCI_102, 10.2.0.4.0, V5, default

SAPOSCOL Information

Collector Version: COLL 21.02 720 - v2.16, AMD/Intel x86_64 with Linux
Operating System: Linux sapeccprd02 2.6.32.24-0.2-default #1 SMP 201
Start: Fri Dec 30 12:48:13 2011
Interval: 60 sec
Last Update: Wed Jan 4 14:32:06 2012

Instance Information - sapeccprd03_P01_00

SAP Instance Information

Host Name: sapeccprd03
Database Hose: sapeccprd01
Database ID: P01
SAP Release: 702
SAP Kernel: 720
Work Processes: Dialog Update Backg Upd2 ICM
Character Encoding: utf-16le

SAP Kernel Information

Kernel Release: 720_REL
Patch Level: 100
Compile Environment: Linux GNU SLES-9 x86_64 cc4.1.2 use-pr101108
Compile Date: Aug 4 2011 20:43:04
Database Library: OCI_102, 10.2.0.4.0, V5, default

SAPOSCOL Information

Collector Version: COLL 21.02 720 - v2.16, AMD/Intel x86_64 with Linux
Operating System: Linux sapeccprd03 2.6.32.24-0.2-default #1 SMP 201
Start: Fri Dec 30 12:46:07 2011
Interval: 60 sec
Last Update: Wed Jan 4 14:32:57 2012

Instance Information - sapeccprd04_P01_00

SAP Instance Information

Host Name: sapeccprd04
Database Hose: sapeccprd01
Database ID: P01
SAP Release: 702
SAP Kernel: 720
Work Processes: Dialog Update Backg Upd2 ICM
Character Encoding: utf-16le

SAP Kernel Information

Kernel Release: 720_REL
Patch Level: 100
Compile Environment: Linux GNU SLES-9 x86_64 cc4.1.2 use-pr101108
Compile Date: Aug 4 2011 20:43:04
Database Library: OCI_102, 10.2.0.4.0, V5, default

SAPOSCOL Information

Collector Version: COLL 21.02 720 - v2.16, AMD/Intel x86_64 with Linux
Operating System: Linux sapeccprd04 2.6.32.24-0.2-default #1 SMP 201
Start: Tue Jan 3 12:35:53 2012
Interval: 60 sec
Last Update: Wed Jan 4 14:32:44 2012

Buffer Statistics - sapeccprd01_P01_00

Buffer Name	Buffer Hit Ratio (%)	Database Quality (%)	Free Space (%)	Free Entries (%)	Object Swaps
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Memory	Size (KB)	Max Used (KB)	Max Used (%)
Roll Area	0	0	NaN
Paging Area	0	0	NaN
Extended Memory	0	0	0.0
Heap Memory	0	0	0.0

Task Type	CPU Time (s)	DB Wait Time (s)
Dialog	1296	1436
Update	390	1249
Spool	134	108
Background	0	0
Enqueue	0	0
Buffer Sync	2	1
Cyclic ABAP	104	47
Update2	120	133
ALE	0	0
RFC	3407	3699
CPIC	0	0
Total	5453	6674

Top Table Statistics - sapeccprd01_P01_00

Table Name	Total Count	Direct Count	Direct Quality (%)	Sequential Count	Sequential Quality (%)
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Work Process Statistics - sapeccprd01_P01_00

sapeccprd01_P01_00 - Dispatcher Request Queue
(based on activity within one minute intervals)

No Data

Summary

This chart plots the number of queued dialog steps waiting to be dispatched to a work process for processing.

Statistics

Work Process Type	Peak Count
Dispatcher	0
Dialog	0
Update	0
Enqueue	0
Background	0
Spool	0
Update2	0

Buffer Statistics - sapeccprd02_P01_00

Buffer Name	Buffer Hit Ratio (%)	Database Quality (%)	Free Space (%)	Free Entries (%)	Object Swaps
-------------	----------------------	----------------------	----------------	------------------	--------------

Memory	Size (KB)	Max Used (KB)	Max Used (%)
Roll Area	0	0	NaN
Paging Area	0	0	NaN
Extended Memory	0	0	0.0
Heap Memory	0	0	0.0

Task Type	CPU Time (s)	DB Wait Time (s)
Dialog	11433	17949
Update	303	1361
Spool	0	0
Background	1348	2443
Enqueue	0	0
Buffer Sync	1	5
Cyclic ABAP	68	17
Update2	109	220
ALE	52	64
RFC	2370	3021
CPIC	0	0
Total	15684	25078

Top Table Statistics - sapeccprd02_P01_00

Table Name	Total Count	Direct Count	Direct Quality (%)	Sequential Count	Sequential Quality (%)
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Work Process Statistics - sapeccprd02_P01_00

sapeccprd02_P01_00 - Dispatcher Request Queue
(based on activity within one minute intervals)

No Data

Summary

This chart plots the number of queued dialog steps waiting to be dispatched to a work process for processing.

Statistics

Work Process Type	Peak Count
Dispatcher	0
Dialog	0
Update	0
Enqueue	0
Background	0
Spool	0
Update2	0

Buffer Statistics - sapeccprd03_P01_00

Buffer Name	Buffer Hit Ratio (%)	Database Quality (%)	Free Space (%)	Free Entries (%)	Object Swaps
-------------	----------------------	----------------------	----------------	------------------	--------------

Memory	Size (KB)	Max Used (KB)	Max Used (%)
Roll Area	0	0	NaN
Paging Area	0	0	NaN
Extended Memory	0	0	0.0
Heap Memory	0	0	0.0

Task Type	CPU Time (s)	DB Wait Time (s)
Dialog	6887	10739
Update	299	1295
Spool	0	0
Background	1558	2862
Enqueue	0	0
Buffer Sync	1	4
Cyclic ABAP	94	2603
Update2	108	204
ALE	37	51
RFC	3263	4175
CPIC	0	0
Total	12248	21934

Top Table Statistics - sapeccprd03_P01_00

Table Name	Total Count	Direct Count	Direct Quality (%)	Sequential Count	Sequential Quality (%)
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Work Process Statistics - sapeccprd03_P01_00

sapeccprd03_P01_00 - Dispatcher Request Queue
(based on activity within one minute intervals)

No Data

Summary

This chart plots the number of queued dialog steps waiting to be dispatched to a work process for processing.

Statistics

Work Process Type	Peak Count
Dispatcher	0
Dialog	0
Update	0
Enqueue	0
Background	0
Spool	0
Update2	0

Buffer Statistics - sapeccprd04_P01_00

Buffer Name	Buffer Hit Ratio (%)	Database Quality (%)	Free Space (%)	Free Entries (%)	Object Swaps
-------------	----------------------	----------------------	----------------	------------------	--------------

Memory	Size (KB)	Max Used (KB)	Max Used (%)
Roll Area	0	0	NaN
Paging Area	0	0	NaN
Extended Memory	0	0	0.0
Heap Memory	0	0	0.0

Task Type	CPU Time (s)	DB Wait Time (s)
Dialog	9045	7445
Update	541	1515
Spool	0	0
Background	3548	3467
Enqueue	0	0
Buffer Sync	4	7
Cyclic ABAP	185	30
Update2	184	242
ALE	152	70
RFC	3224	2403
CPIC	0	0
Total	16883	15179

Top Table Statistics - sapeccprd04_P01_00

Table Name	Total Count	Direct Count	Direct Quality (%)	Sequential Count	Sequential Quality (%)
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Work Process Statistics - sapeccprd04_P01_00

sapeccprd04_P01_00 - Dispatcher Request Queue
(based on activity within one minute intervals)

No Data

Summary

This chart plots the number of queued dialog steps waiting to be dispatched to a work process for processing.

Statistics

Work Process Type	Peak Count
Dispatcher	0
Dialog	0
Update	0
Enqueue	0
Background	0
Spool	0
Update2	0

Host List

Host	ID	Logical CPUs**	Memory	OS	SAPs
sapeccprd01	390	4	24 GB	Linux	1221
sapeccprd02	390	4	21 GB	Linux	1221
sapeccprd03	390	4	21 GB	Linux	1221
sapeccprd04	390	4	20 GB	Linux	0

** On a Dedicated LPAR host, Logical CPUs = threads per Physical CPU * number of Physical CPUs.

** On a Shared Processor LPAR host, Logical CPUs = threads per Virtual CPU * number of Virtual CPUs

** A Physical CPU is the fundamental physical processing resource. In a virtualized environment, resource allocation by the hypervisor (PowerVM in System p and System i) is measured in Physical CPU units.

** A Virtual CPU (used only on Shared Processor LPAR hosts) has the same processing capacity of an equivalent Physical CPU on the host hardware, but is not tied to a specific physical resource.

Host Information - sapeccprd01

Host Information reported by Operating System

Machine Model:	Intel(R) Xeon(R) CPU X5650 @ 2.67GHz	
Logical CPUs:	4	
Processor Speed:	2666.761 MHz	
SAPs per Core:	1221	<based upon customer provided hardware configuration>
SAPs Description:	IBM System x 3200 M2 Xeon X3330 Quad Core 2.66GHz 4 1221	<based upon customer provided hardware configuration>
Physical Memory:	24612 MB	
Swap Space:	20964 MB	
Disk Space:	0 GB	
Operating System:	Linux	
IP Address:	192.168.101.110	
Code Page:	4103	
Integer Type:	LIT	
Float Type:	IE3	
Time Zone:	3600	

Host Information Reported by Customer

Machine Model:	X3650 M3
Machine Vendor:	IBM
Processor Count:	4
Processor Speed:	2700 MHz
Physical Memory:	24 GB
Disk Space:	2000 GB

Host Information - sapeccprd02

Host Information reported by Operating System

Machine Model:	Intel(R) Xeon(R) CPU X5650 @ 2.67GHz	
Logical CPUs:	4	
Processor Speed:	2666.761 MHz	
SAPs per Core:	1221	<based upon customer provided hardware configuration>
SAPs Description:	IBM System x 3200 M2 Xeon X3330 Quad Core 2.66GHz 4 1221	<based upon customer provided hardware configuration>
Physical Memory:	21510 MB	
Swap Space:	20964 MB	
Disk Space:	0 GB	
Operating System:	Linux	
IP Address:	192.168.101.111	
Code Page:	4103	
Integer Type:	LIT	
Float Type:	IE3	
Time Zone:	3600	

Host Information Reported by Customer

Machine Model:	X3650 M3
Machine Vendor:	IBM
Processor Count:	4
Processor Speed:	2700 MHz
Physical Memory:	21 GB
Disk Space:	70 GB

Host Information - sapeccprd03

Host Information reported by Operating System

Machine Model:	Intel(R) Xeon(R) CPU X5650 @ 2.67GHz	
Logical CPUs:	4	
Processor Speed:	2666.761 MHz	
SAPs per Core:	1221	<based upon customer provided hardware configuration>
SAPs Description:	IBM System x 3200 M2 Xeon X3330 Quad Core 2.66GHz 4 1221	<based upon customer provided hardware configuration>
Physical Memory:	21510 MB	
Swap Space:	20964 MB	
Disk Space:	0 GB	
Operating System:	Linux	
IP Address:	192.168.101.112	
Code Page:	4103	
Integer Type:	LIT	
Float Type:	IE3	
Time Zone:	3600	

Host Information Reported by Customer

Machine Model:	X3650 M3
Machine Vendor:	IBM
Processor Count:	4
Processor Speed:	2700 MHz
Physical Memory:	21 GB
Disk Space:	70 GB

Host Information - sapeccprd04

Host Information reported by Operating System

Machine Model:	N/A
Logical CPUs:	4
Processor Speed:	N/A
Physical Memory:	20475 MB
Swap Space:	20964 MB
Disk Space:	N/A
Operating System:	Linux
IP Address:	192.168.101.113
Code Page:	4103
Integer Type:	LIT
Float Type:	IE3
Time Zone:	3600

Host Information Reported by Customer

Machine Model:	X3650
Machine Vendor:	IBM
Processor Count:	4
Processor Speed:	2000 MHz
Physical Memory:	20 GB
Disk Space:	70 GB

Host Top Processes - sapeccprd01

Time	User	PID	Command
033:32	orap01	5608	ora_vkrm_P01
029:26	root	10269	cupsd
019:46	p01adm	7835	dw.sapP01_DVEBMGS00
018:03	p01adm	7837	dw.sapP01_DVEBMGS00
017:12	p01adm	7832	dw.sapP01_DVEBMGS00
013:56	orap01	10545	oracleP01 (LOCAL=NO
013:48	orap01	26714	oracleP01 (LOCAL=NO
013:47	orap01	5630	ora_dia0_P01
012:22	p01adm	7834	dw.sapP01_DVEBMGS00
011:23	orap01	30114	oracleP01 (LOCAL=NO
011:05	orap01	26424	oracleP01 (LOCAL=NO
008:42	orap01	16286	oracleP01 (LOCAL=NO
008:29	orap01	21738	oracleP01 (LOCAL=NO
008:17	p01adm	7794	dw.sapP01_DVEBMGS00
007:46	p01adm	7833	dw.sapP01_DVEBMGS00
007:30	p01adm	11827	saposc01 -l -w60 pf
007:05	p01adm	7850	dw.sapP01_DVEBMGS00
006:44	orap01	5640	ora_dbw0_P01
006:36	orap01	8911	oracleP01 (LOCAL=NO
006:16	p01adm	7793	ms.sapP01_DVEBMGS00
006:02	orap01	5645	ora_lgwr_P01
006:01	orap01	11700	oracleP01 (LOCAL=NO
005:23	gdm	5409	gnome-settings-daem
004:58	orap01	30467	oracleP01 (LOCAL=NO
004:54	orap01	14407	oracleP01 (LOCAL=NO
004:49	orap01	20816	oracleP01 (LOCAL=NO
004:43	orap01	8567	oracleP01 (LOCAL=NO
002:55	orap01	8198	oracleP01 (LOCAL=NO
002:50	orap01	32597	oracleP01 (LOCAL=NO
002:40	orap01	6789	oracleP01 (LOCAL=NO
002:10	p01adm	7858	dw.sapP01_DVEBMGS00
001:26	gdm	1421	gdm-simple-greeter
000:46	orap01	8786	oracleP01 (LOCAL=NO
000:45	p01adm	15434	dw.sapP01_DVEBMGS00
000:38	orap01	15539	oracleP01 (LOCAL=NO
000:30	orap01	19177	oracleP01 (LOCAL=NO
000:23	orap01	26445	oracleP01 (LOCAL=NO
000:08	orap01	17319	oracleP01 (LOCAL=NO
000:07	orap01	21956	oracleP01 (LOCAL=NO
000:06	orap01	2990	oracleP01 (LOCAL=NO

Host Top Processes - sapeccprd02

Time	User	PID	Command
025:26	daaadm	5215	jstart -appTrc -nod
022:45	p01adm	13201	dw.sapP01_D00 pf=/s
017:16	p01adm	23578	dw.sapP01_D00 pf=/s
015:48	p01adm	13234	dw.sapP01_D00 pf=/s
015:15	p01adm	14989	dw.sapP01_D00 pf=/s
014:25	p01adm	5910	dw.sapP01_D00 pf=/s
014:20	p01adm	13390	dw.sapP01_D00 pf=/s
013:17	p01adm	13318	dw.sapP01_D00 pf=/s
011:29	p01adm	29364	dw.sapP01_D00 pf=/s
010:29	p01adm	5460	dw.sapP01_D00 pf=/s
009:31	p01adm	13219	dw.sapP01_D00 pf=/s
008:09	p01adm	13065	dw.sapP01_D00 pf=/s
008:03	p01adm	13329	dw.sapP01_D00 pf=/s
005:49	p01adm	16823	dw.sapP01_D00 pf=/s
005:16	gdm	5302	gnome-settings-daem
004:07	p01adm	13296	dw.sapP01_D00 pf=/s
003:53	root	5196	X :0 -br -verbose -
003:41	root	5320	saposcol -l -w60 pf
002:57	root	3112	vmtoolsd
002:46	p01adm	29434	dw.sapP01_D00 pf=/s
002:44	p01adm	29384	gwrdr -dp pf=/sapmnt
002:43	gdm	14390	gnome-settings-daem
002:32	p01adm	29433	dw.sapP01_D00 pf=/s
002:02	gdm	20248	gnome-settings-daem
001:58	gdm	23852	gnome-settings-daem
001:53	gdm	534	gnome-settings-daem
001:46	gdm	32304	gnome-settings-daem
001:35	p01adm	16945	dw.sapP01_D00 pf=/s
001:07	p01adm	14192	dw.sapP01_D00 pf=/s
001:01	root	14341	X :1 -br -verbose -
000:35	p01adm	13737	dw.sapP01_D00 pf=/s
000:31	p01adm	23106	dw.sapP01_D00 pf=/s
000:30	p01adm	29372	igsmux_mt -mode=pro
000:27	p01adm	16100	dw.sapP01_D00 pf=/s
000:17	p01adm	29373	igspw_mt -mode=prof
000:16	p01adm	17116	dw.sapP01_D00 pf=/s
000:08	root	13	events/2
000:04	root	4275	nscd
000:02	p01adm	17635	dw.sapP01_D00 pf=/s
000:02	gdm	5305	gnome-power-manager

Host Top Processes - sapeccprd03

Time	User	PID	Command
026:31	p01adm	381	dw.sapP01_D00 pf=/s
025:31	p01adm	608	dw.sapP01_D00 pf=/s
025:28	p01adm	18460	dw.sapP01_D00 pf=/s
024:13	p01adm	2345	dw.sapP01_D00 pf=/s
022:05	p01adm	1090	dw.sapP01_D00 pf=/s
021:50	p01adm	3912	dw.sapP01_D00 pf=/s
019:57	p01adm	3803	dw.sapP01_D00 pf=/s
019:09	p01adm	2143	dw.sapP01_D00 pf=/s
017:57	p01adm	7085	dw.sapP01_D00 pf=/s
017:52	p01adm	420	dw.sapP01_D00 pf=/s
016:53	p01adm	478	dw.sapP01_D00 pf=/s
015:20	p01adm	433	dw.sapP01_D00 pf=/s
012:45	p01adm	748	dw.sapP01_D00 pf=/s
012:33	p01adm	32739	dw.sapP01_D00 pf=/s
011:03	p01adm	304	dw.sapP01_D00 pf=/s
010:45	p01adm	1379	dw.sapP01_D00 pf=/s
009:33	p01adm	18466	dw.sapP01_D00 pf=/s
009:31	p01adm	18462	dw.sapP01_D00 pf=/s
007:57	p01adm	2979	dw.sapP01_D00 pf=/s
007:18	p01adm	18436	dw.sapP01_D00 pf=/s
006:52	p01adm	426	dw.sapP01_D00 pf=/s
005:53	root	4975	X :0 -br -verbose -
005:16	gdm	5053	gnome-settings-daem
004:30	p01adm	605	dw.sapP01_D00 pf=/s
003:43	p01adm	4348	dw.sapP01_D00 pf=/s
003:26	root	5076	saposcol -l -w60 pf
002:22	p01adm	18507	dw.sapP01_D00 pf=/s
002:22	root	3106	vmtoolsd
002:15	p01adm	12544	dw.sapP01_D00 pf=/s
002:08	p01adm	18457	gwrdr -dp pf=/sapmnt
001:07	gdm	18331	gnome-settings-daem
000:27	p01adm	18440	igsmux_mt -mode=pro
000:18	root	157	ata/2
000:15	p01adm	18442	igspw_mt -mode=prof
000:11	root	165	scsi_ah_2
000:10	gdm	11283	gnome-settings-daem
000:08	p01adm	14677	dw.sapP01_D00 pf=/s
000:06	p01adm	18458	icman -attach pf=/s
000:02	p01adm	15328	dw.sapP01_D00 pf=/s
000:02	p01adm	15321	dw.sapP01_D00 pf=/s

Host Top Processes - sapeccprd04

Time	User	PID	Command
055:57	p01adm	20069	dw.sapP01_D00 pf=/s
049:12	p01adm	20072	dw.sapP01_D00 pf=/s
041:19	p01adm	20053	dw.sapP01_D00 pf=/s
039:56	p01adm	20054	dw.sapP01_D00 pf=/s
038:20	p01adm	20051	dw.sapP01_D00 pf=/s
036:50	p01adm	20052	dw.sapP01_D00 pf=/s
031:45	p01adm	20062	dw.sapP01_D00 pf=/s
026:03	p01adm	20092	dw.sapP01_D00 pf=/s
024:28	p01adm	20067	dw.sapP01_D00 pf=/s
023:23	p01adm	1871	dw.sapP01_D00 pf=/s
018:02	p01adm	20055	dw.sapP01_D00 pf=/s
014:04	p01adm	20050	dw.sapP01_D00 pf=/s
011:42	daaadm	6146	jstart -appTrc -nod
009:42	p01adm	20071	dw.sapP01_D00 pf=/s
006:21	p01adm	19995	dw.sapP01_D00 pf=/s
005:10	p01adm	29225	dw.sapP01_D00 pf=/s
003:23	p01adm	20113	dw.sapP01_D00 pf=/s
003:13	root	5870	nautilus
003:13	p01adm	16676	dw.sapP01_D00 pf=/s
003:10	root	5898	vmware-user-loader
002:52	p01adm	20111	dw.sapP01_D00 pf=/s
002:39	root	5571	saposcol -l -w60 pf
002:00	root	3377	vmtoolsd
001:50	p01adm	20024	gwrld -dp pf=/sapmnt
000:51	p01adm	19999	igsmux_mt -mode=pro
000:33	p01adm	20001	igspw_mt -mode=prof
000:32	p01adm	20000	igspw_mt -mode=prof
000:29	root	5880	main-menu --oaf-act
000:29	sapadm	4670	sapstartsrv pf=/usr
000:26	root	4604	irqbalance
000:22	root	5843	gnome-settings-daem
000:13	root	14	events/3
000:12	root	5869	gnome-panel
000:12	p01adm	32698	dw.sapP01_D00 pf=/s
000:09	root	11	events/0
000:08	root	3622	hald-addon-storage:
000:08	root	157	ata/2
000:07	p01adm	20025	icman -attach pf=/s
000:02	root	2414	kjournald
000:02	p01adm	609	dw.sapP01_D00 pf=/s

Host Logical CPU Utilization Summary

Host	Aggregate Average Util (%)	Peak 8Hr Avg Util (%)	Peak 1Hr Avg Util (%)	Peak Minute Util (%)
sapeccprd01	7.2%	11.7%	19.4%	69.0%
sapeccprd02	5.2%	9.8%	15.9%	42.0%
sapeccprd03	4.3%	7.1%	9.1%	58.0%
sapeccprd04	6.2%	10.0%	13.8%	57.0%

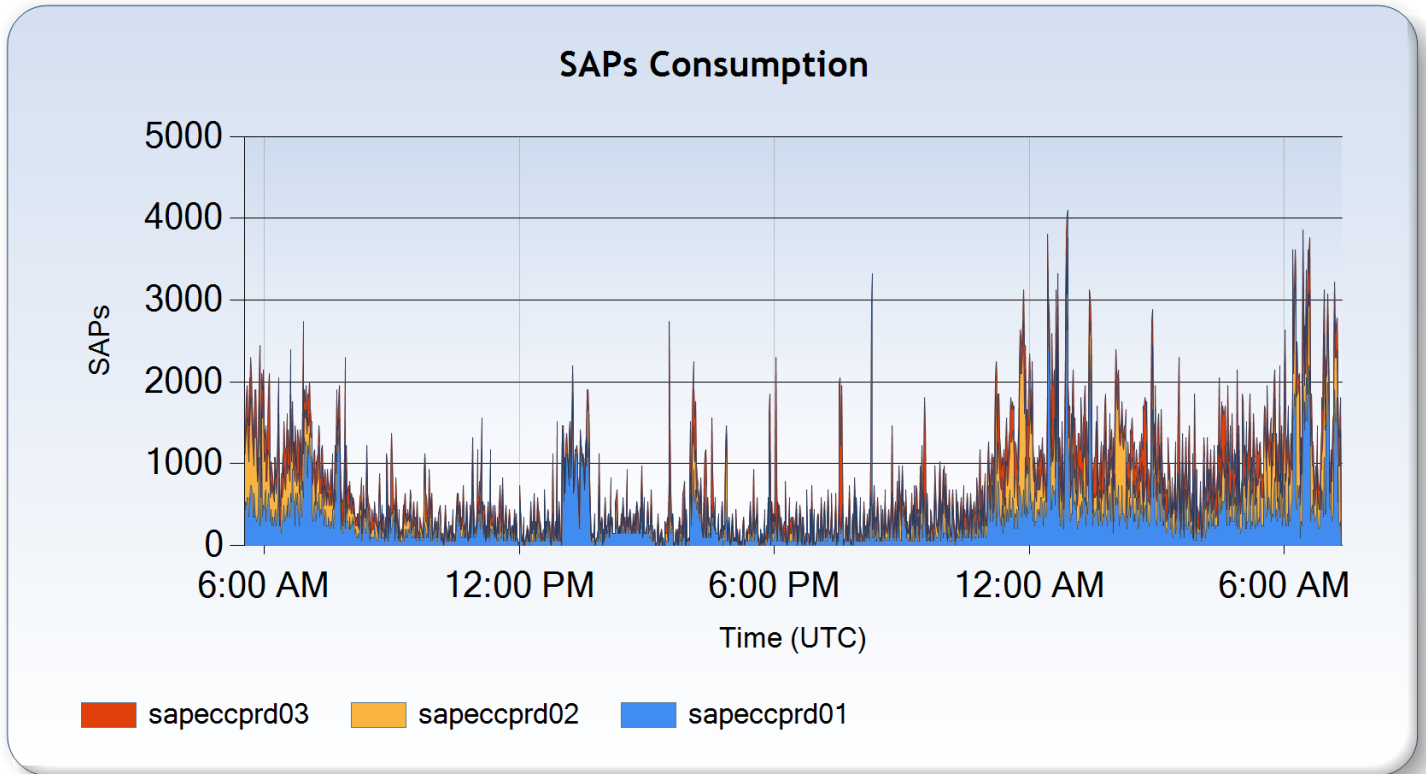
Host Memory Utilization Summary

Host	Aggregate Average Util (%)	Peak 8Hr Avg Util (%)	Peak 1Hr Avg Util (%)	Peak Minute Util (%)
sapeccprd01	94.3%	97.5%	99.5%	99.5%
sapeccprd02	97.1%	97.5%	98.9%	99.5%
sapeccprd03	98.1%	99.1%	99.4%	99.5%
sapeccprd04	94.6%	96.2%	96.9%	97.2%

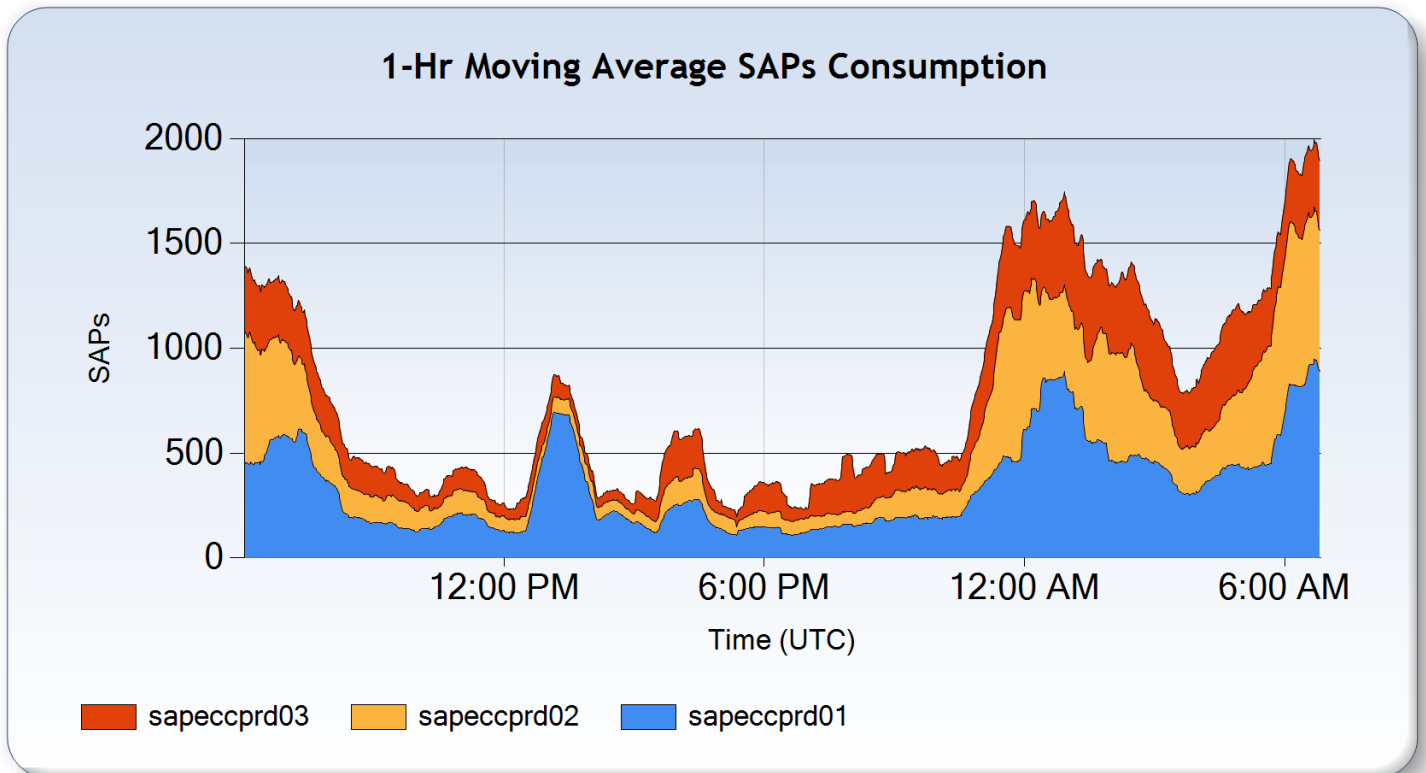
Host Disk Utilization Summary

Host	Aggregate Average Util (%)	Peak 8Hr Avg Util (%)	Peak 1Hr Avg Util (%)	Peak Minute Util (%)
sapeccprd01	7.4%	11.5%	12.9%	24.8%
sapeccprd02	0.2%	0.4%	2.0%	28.8%
sapeccprd03	0.2%	0.4%	2.1%	16.7%
sapeccprd04	0.9%	1.4%	2.6%	18.0%

SAPs Consumption (Stacked Graphs)

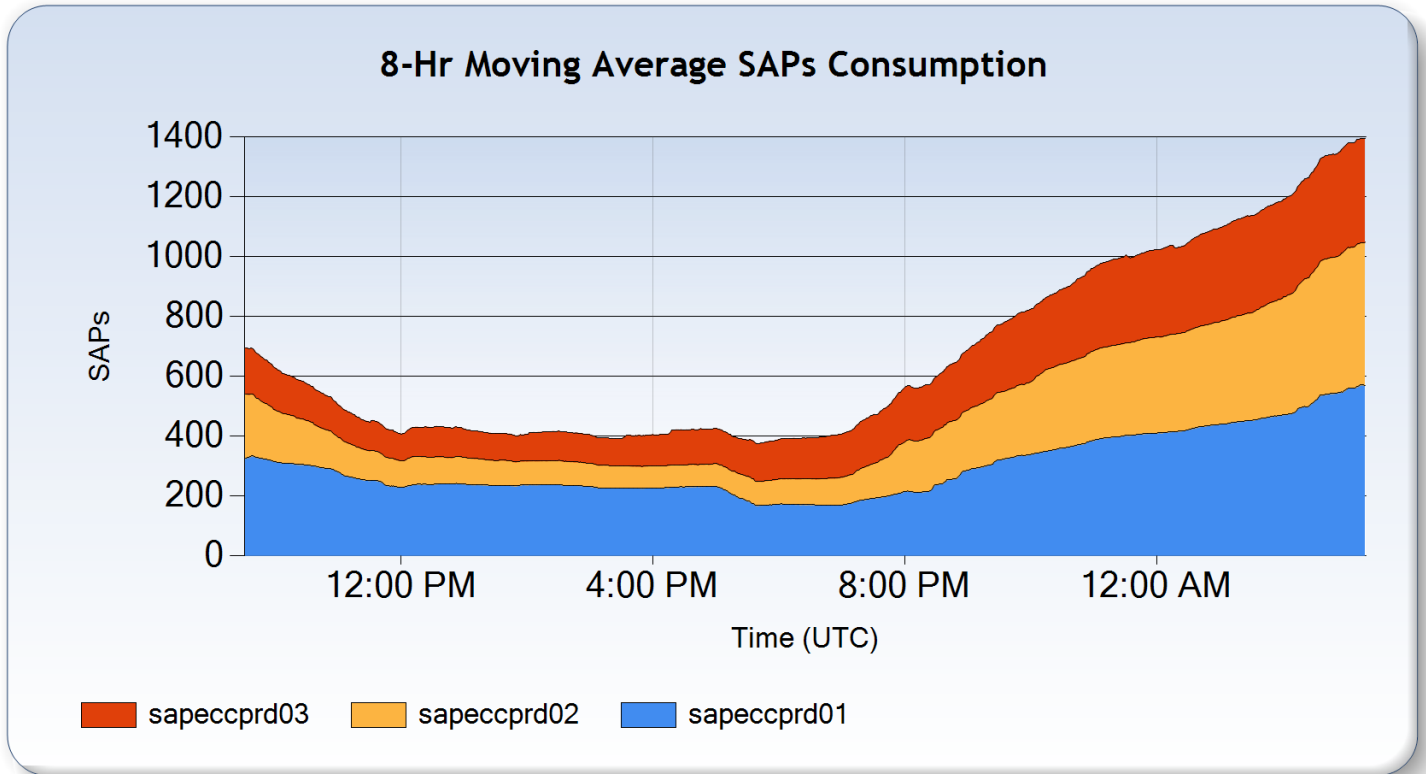


Peak SAPs Consumption: 4103 SAPs



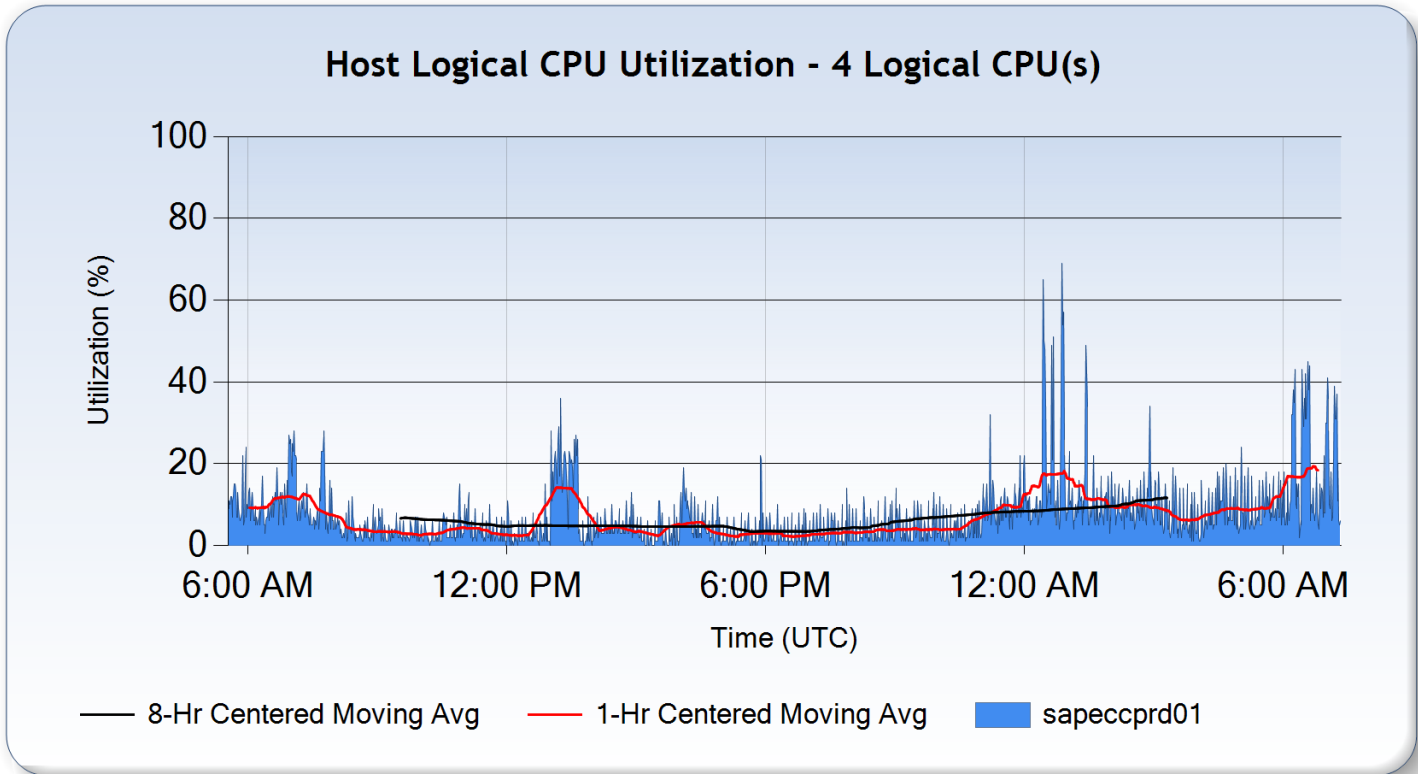
Peak 1-Hour Average Consumption: 1994 SAPs

SAPs Consumption (Stacked Graphs) -- cont'd



Peak 8-Hour Average Consumption: 1394 SAPs

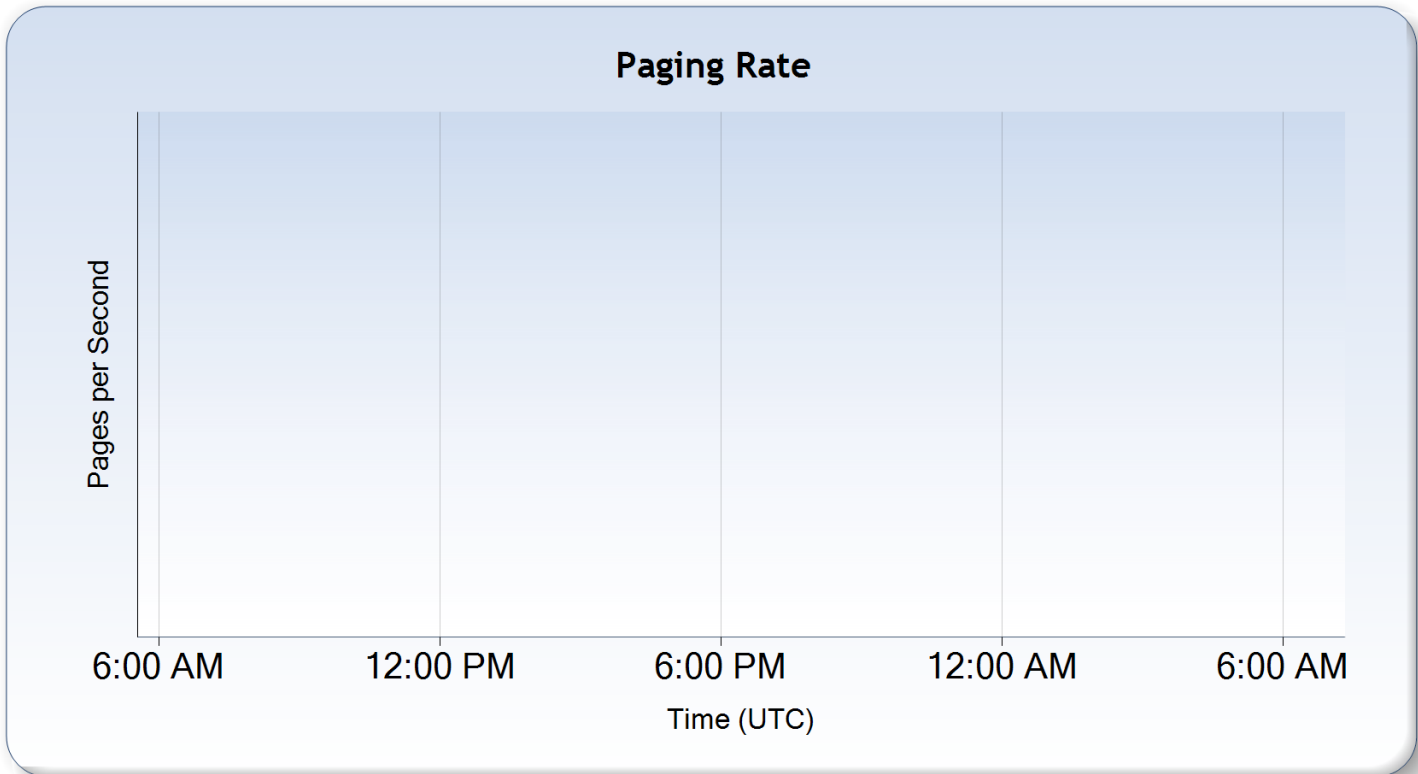
Host Logical CPU Statistics - sapecprd01



This chart plots average processor utilization* in one minute intervals over time.

Peak 1-Hour Average Utilization of 19.4% (946.682 SAPs) occurred at 1/5/2012 6:41:00 AM

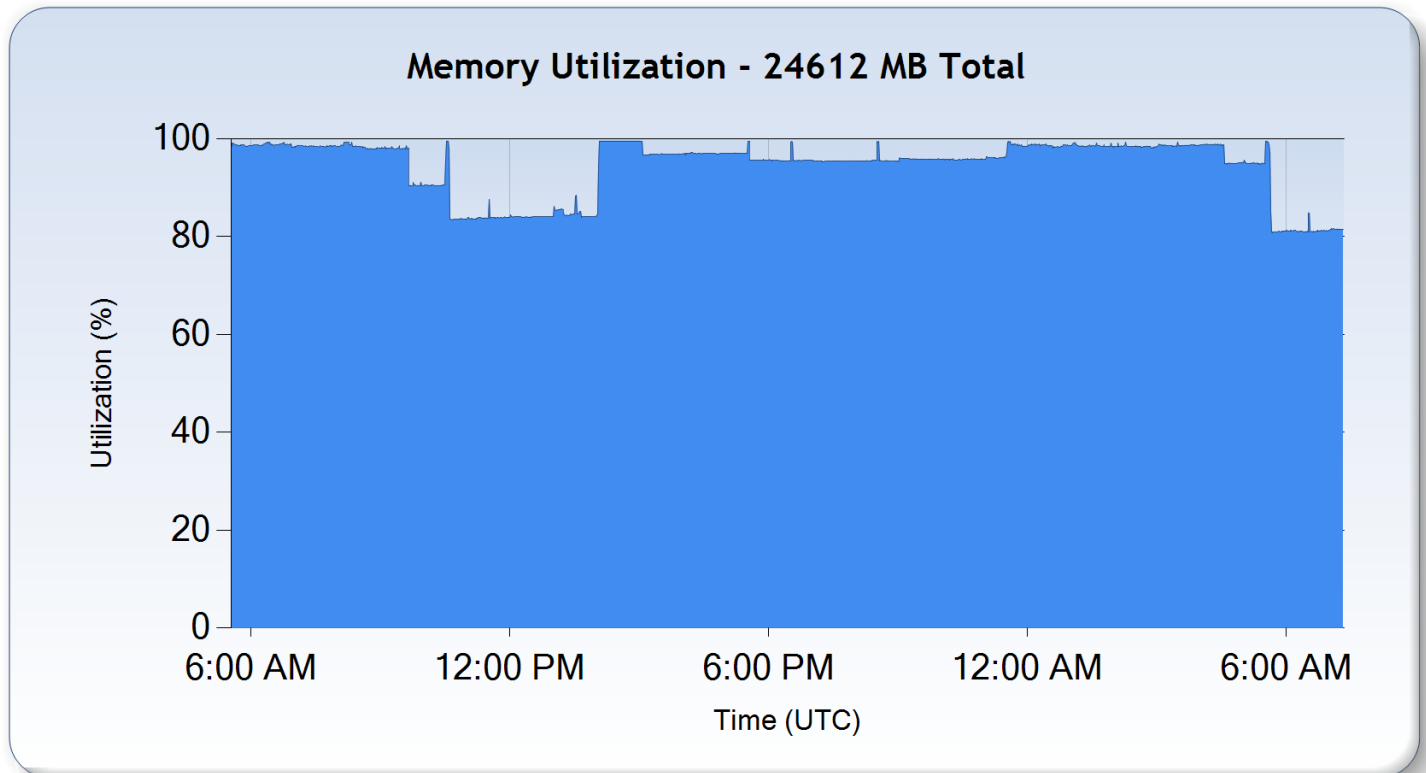
Peak 8-Hour Average Utilization of 11.7% (571.32625 SAPs) occurred at 1/5/2012 3:16:00 AM



This chart plots paging rate* in one minute intervals over time.

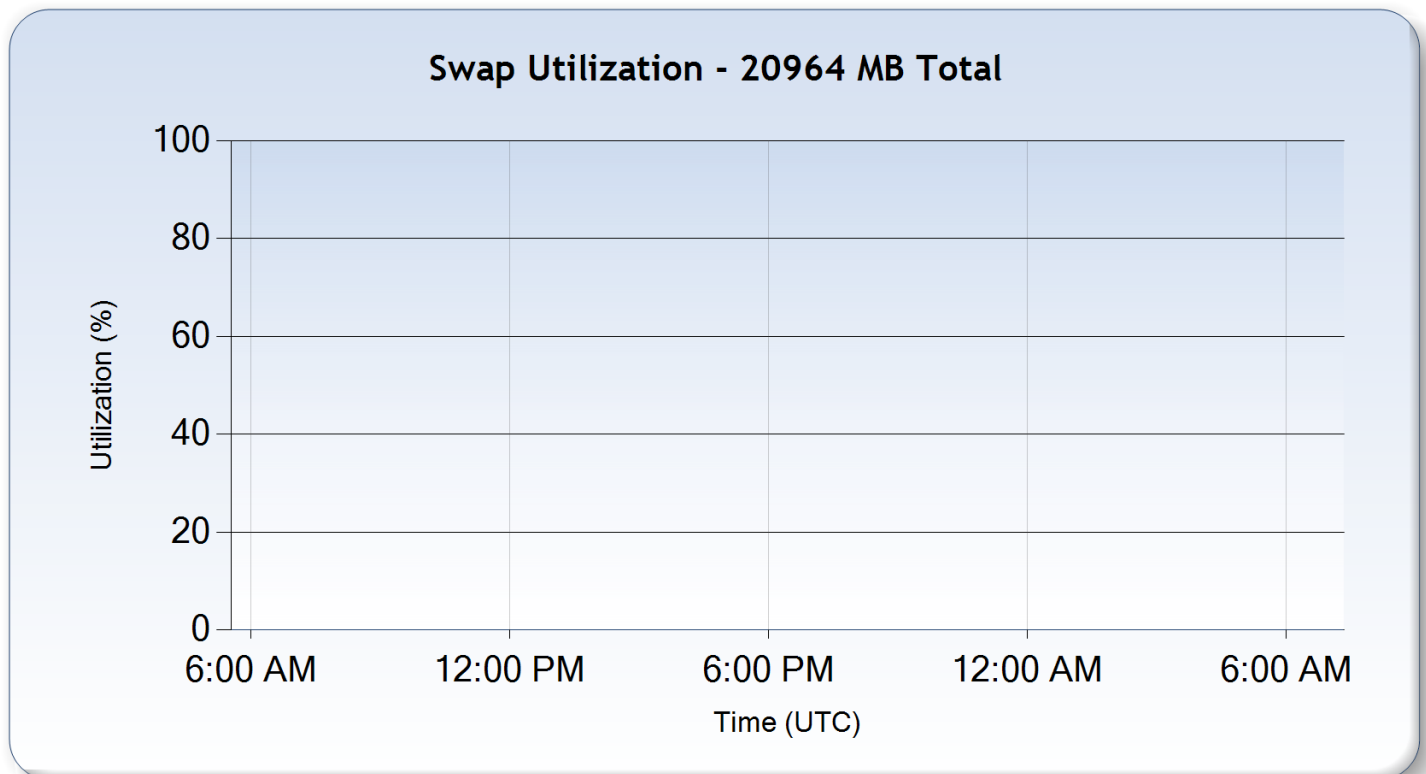
* Statistics are provided by the SAP operating system collector, SAPOSCOL.

Host Memory Statistics - sapecprd01



This chart plots physical memory utilization* in one minute intervals over time.

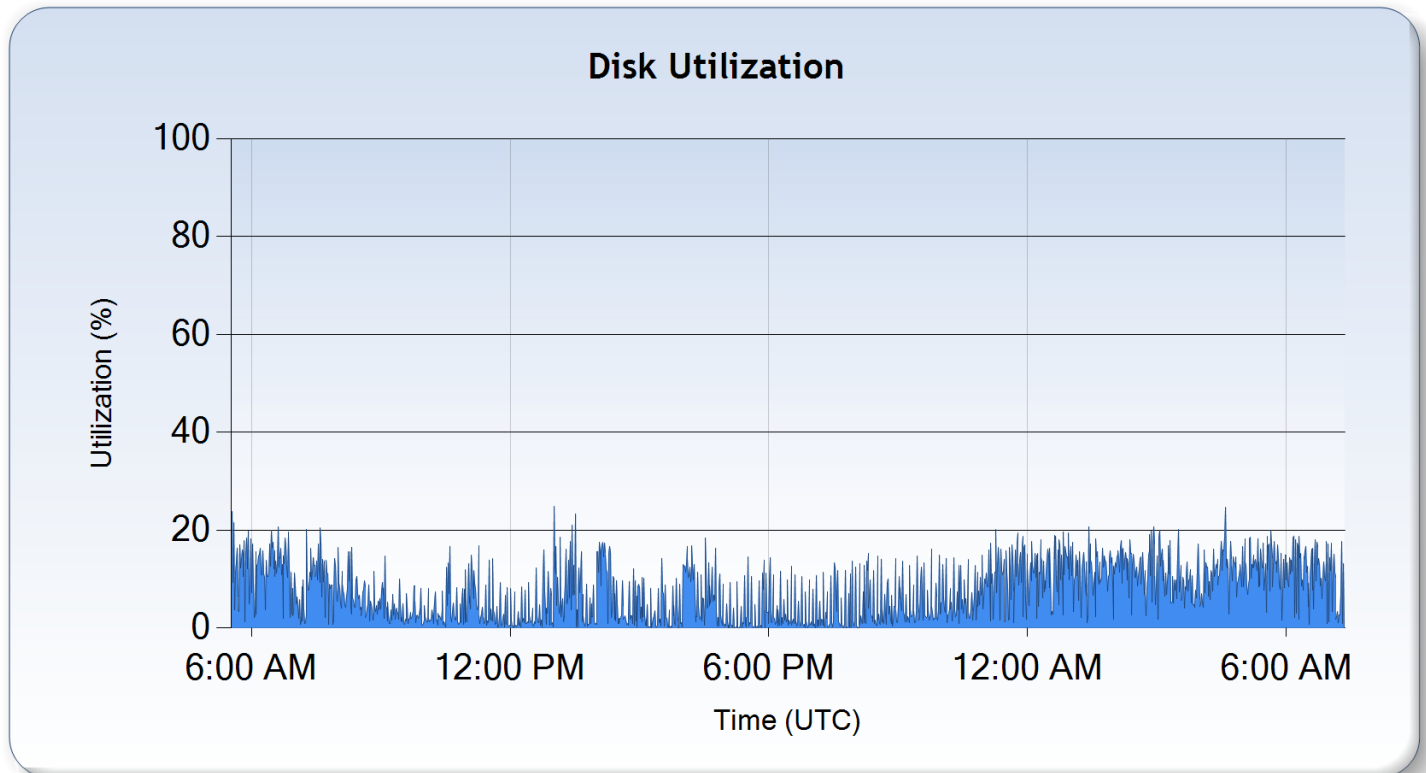
** Memory utilization indicates 100% on iSeries due to Single Level Storage architecture.



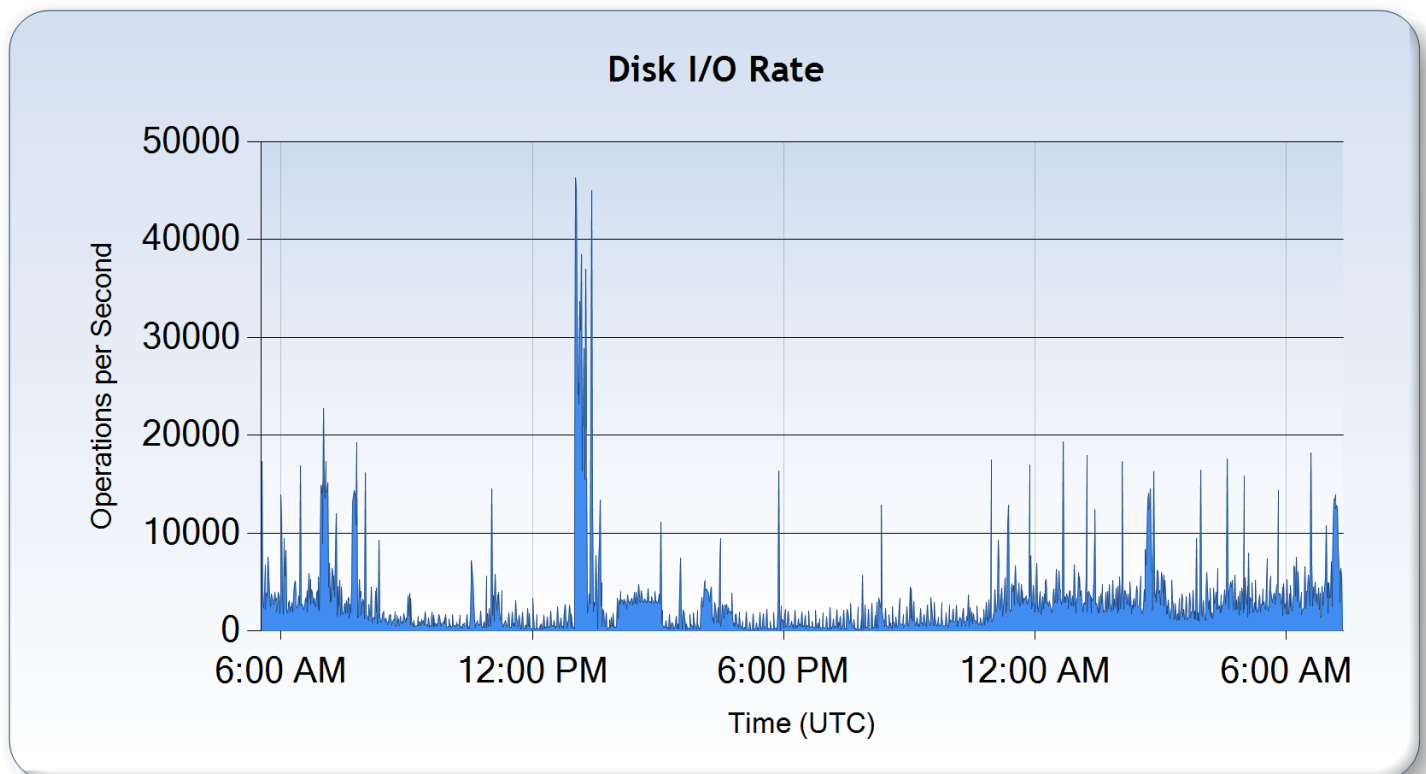
This chart plots swap utilization* in one minute intervals over time.

* Statistics are provided by the SAP operating system collector, SAPOSCOL.

Host Disk Statistics - sapeccprd01



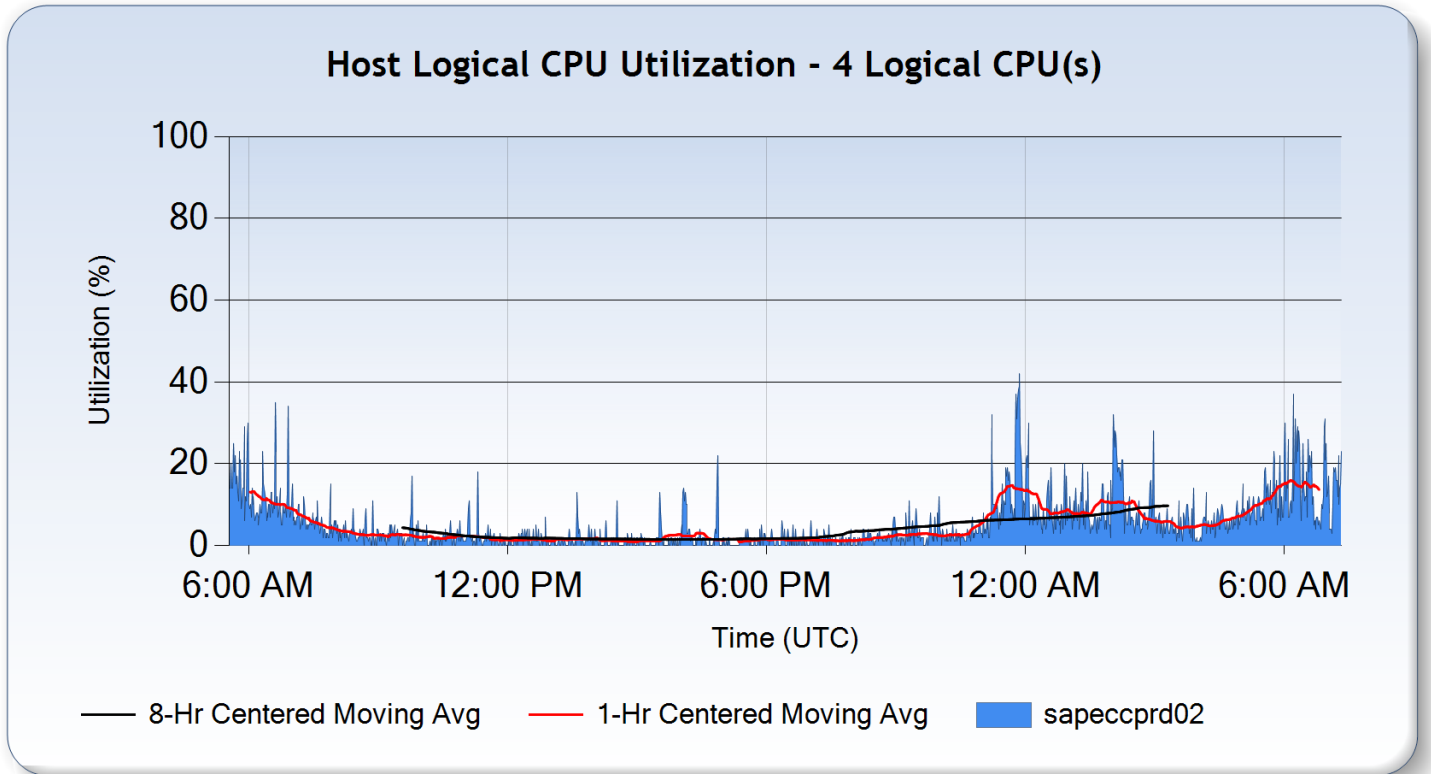
This chart plots average disk I/O utilization* in one minute intervals over time.



This chart plots I/O operations per second* in one minute intervals over time.

* Statistics are provided by the SAP operating system collector, SAPOSCOL.

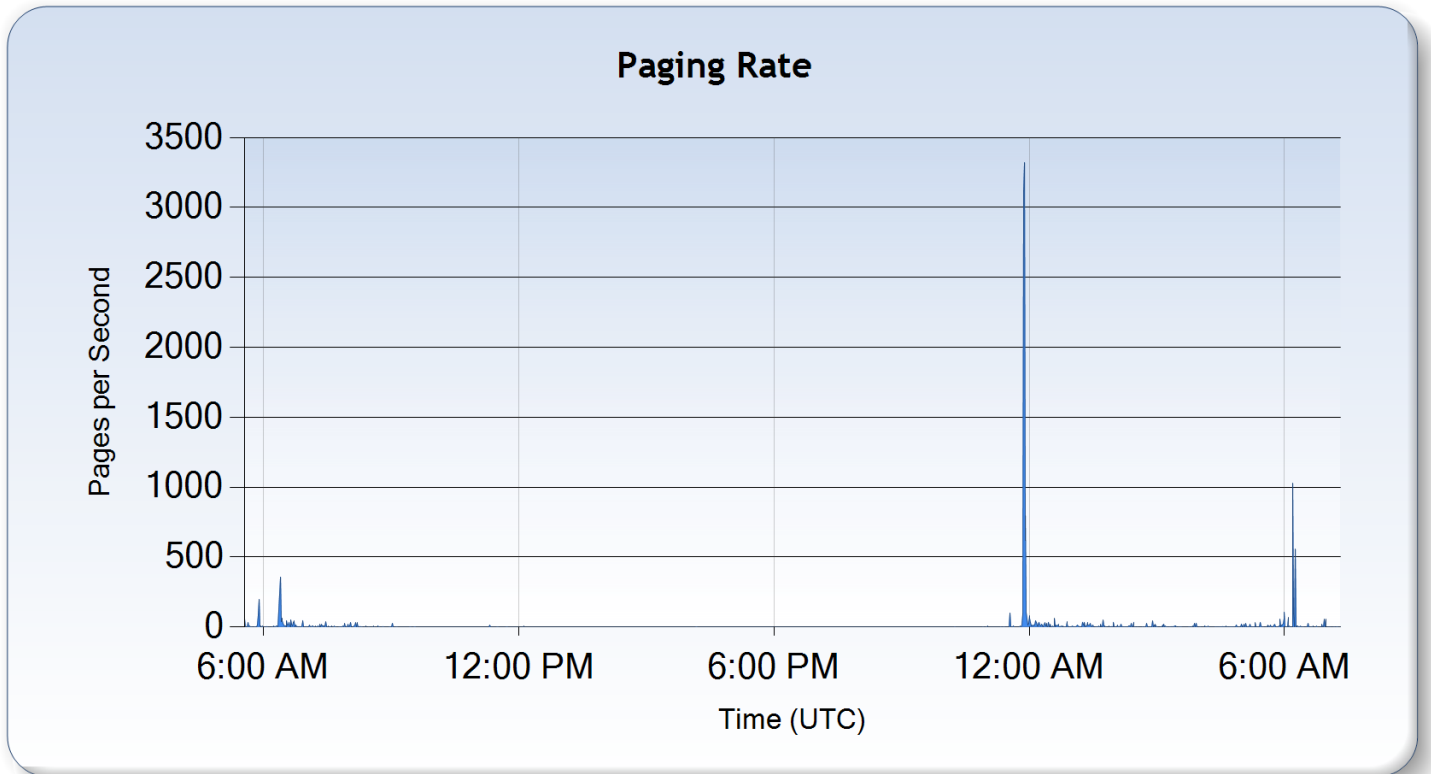
Host Logical CPU Statistics - sapeccprd02



This chart plots average processor utilization* in one minute intervals over time.

Peak 1-Hour Average Utilization of 15.9% (777.37 SAPs) occurred at 1/5/2012 6:08:01 AM

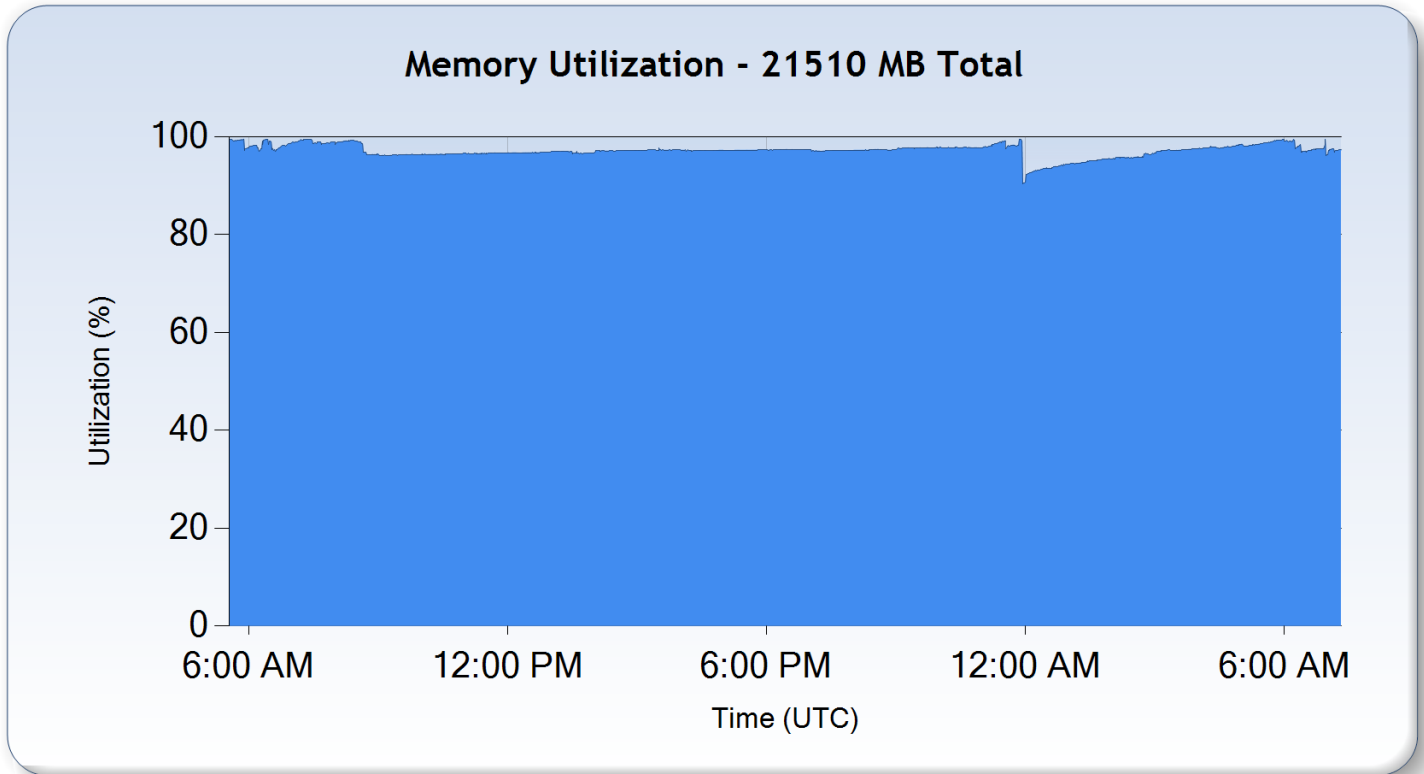
Peak 8-Hour Average Utilization of 9.8% (476.3935 SAPs) occurred at 1/5/2012 3:12:01 AM



This chart plots paging rate* in one minute intervals over time.

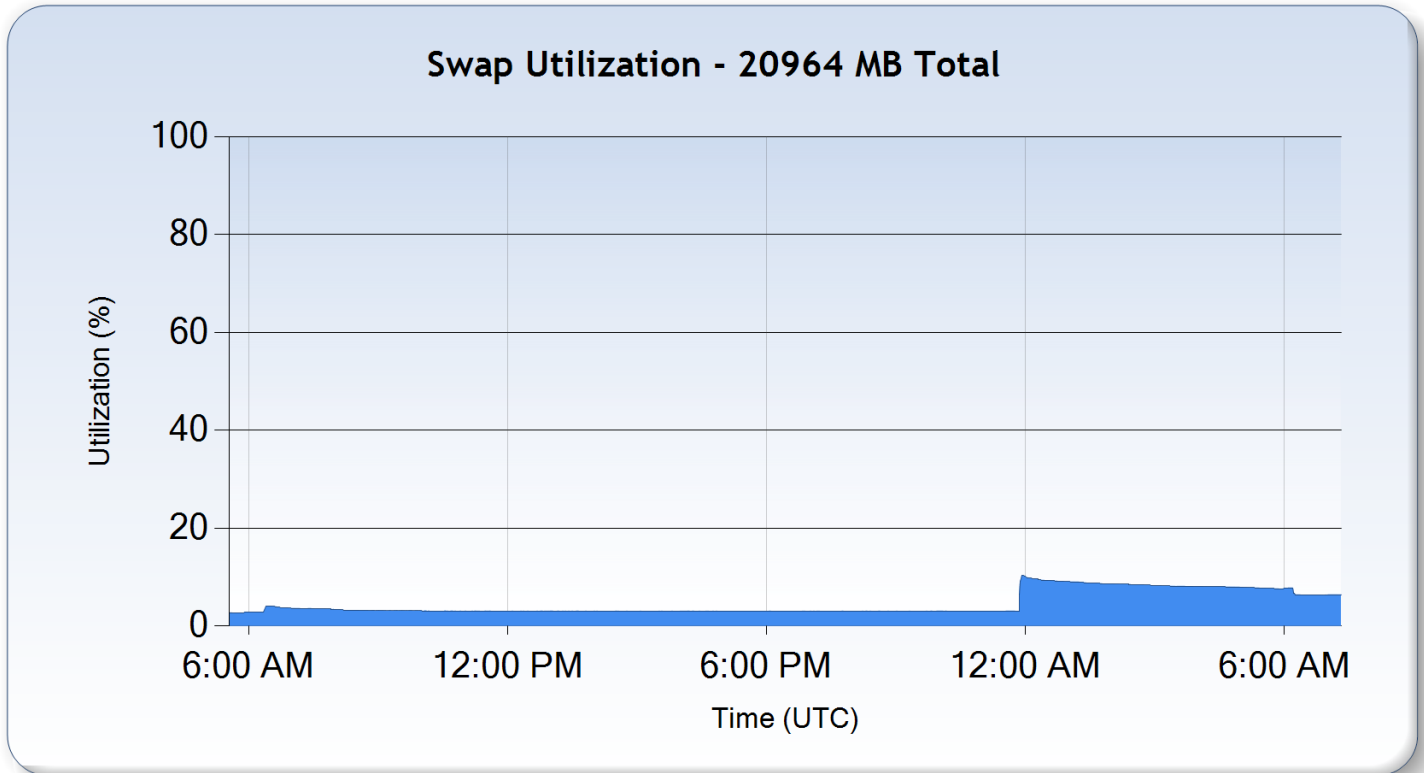
* Statistics are provided by the SAP operating system collector, SAPOSCOL.

Host Memory Statistics - sapecprd02



This chart plots physical memory utilization* in one minute intervals over time.

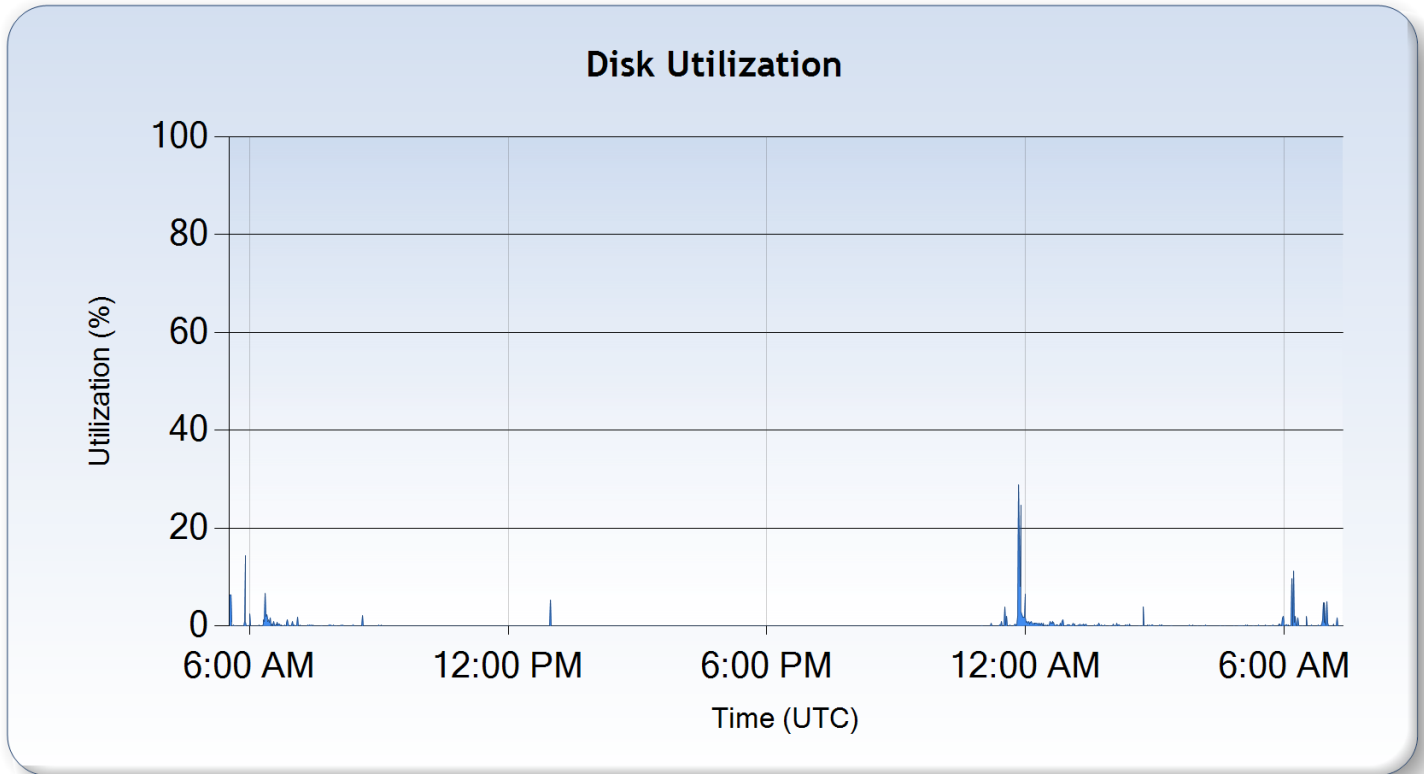
** Memory utilization indicates 100% on iSeries due to Single Level Storage architecture.



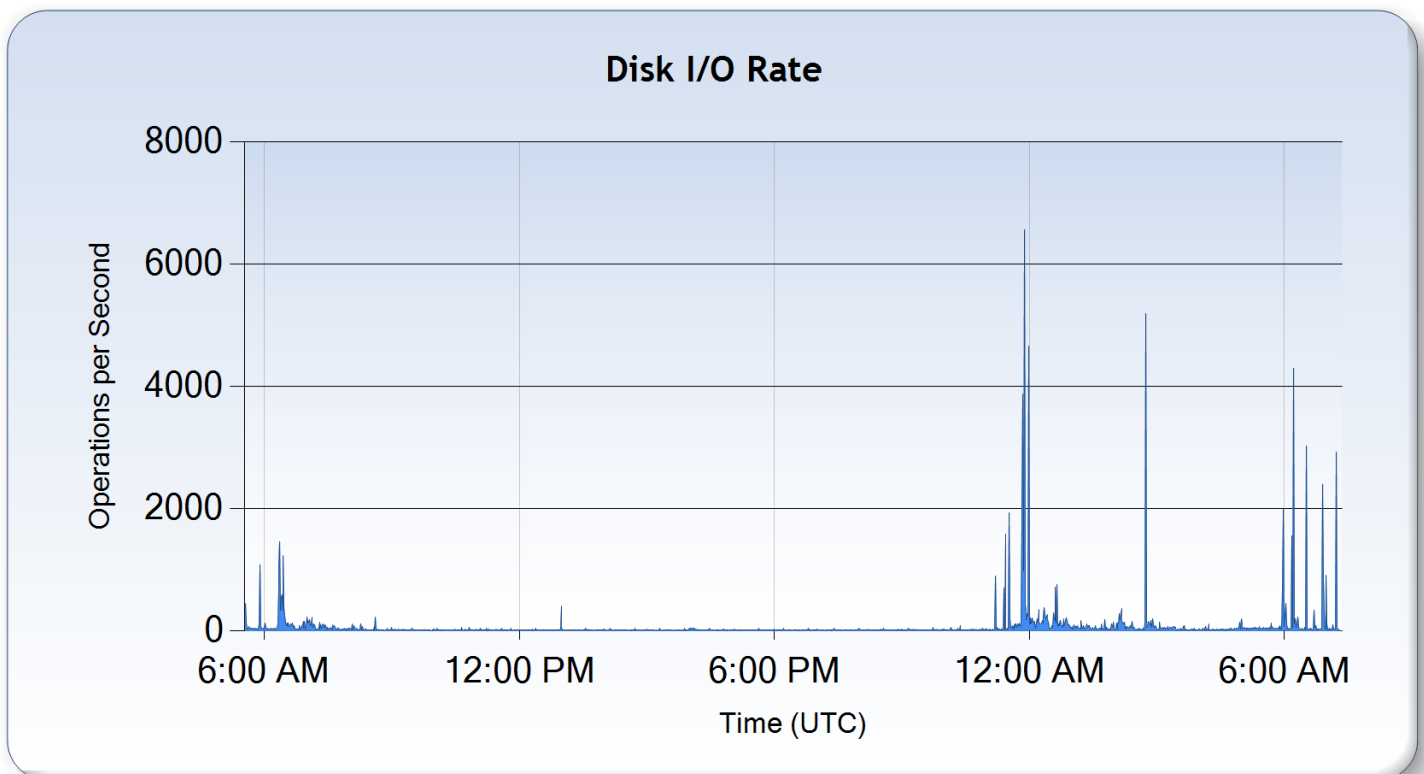
This chart plots swap utilization* in one minute intervals over time.

* Statistics are provided by the SAP operating system collector, SAPOSCOL.

Host Disk Statistics - sapeccprd02



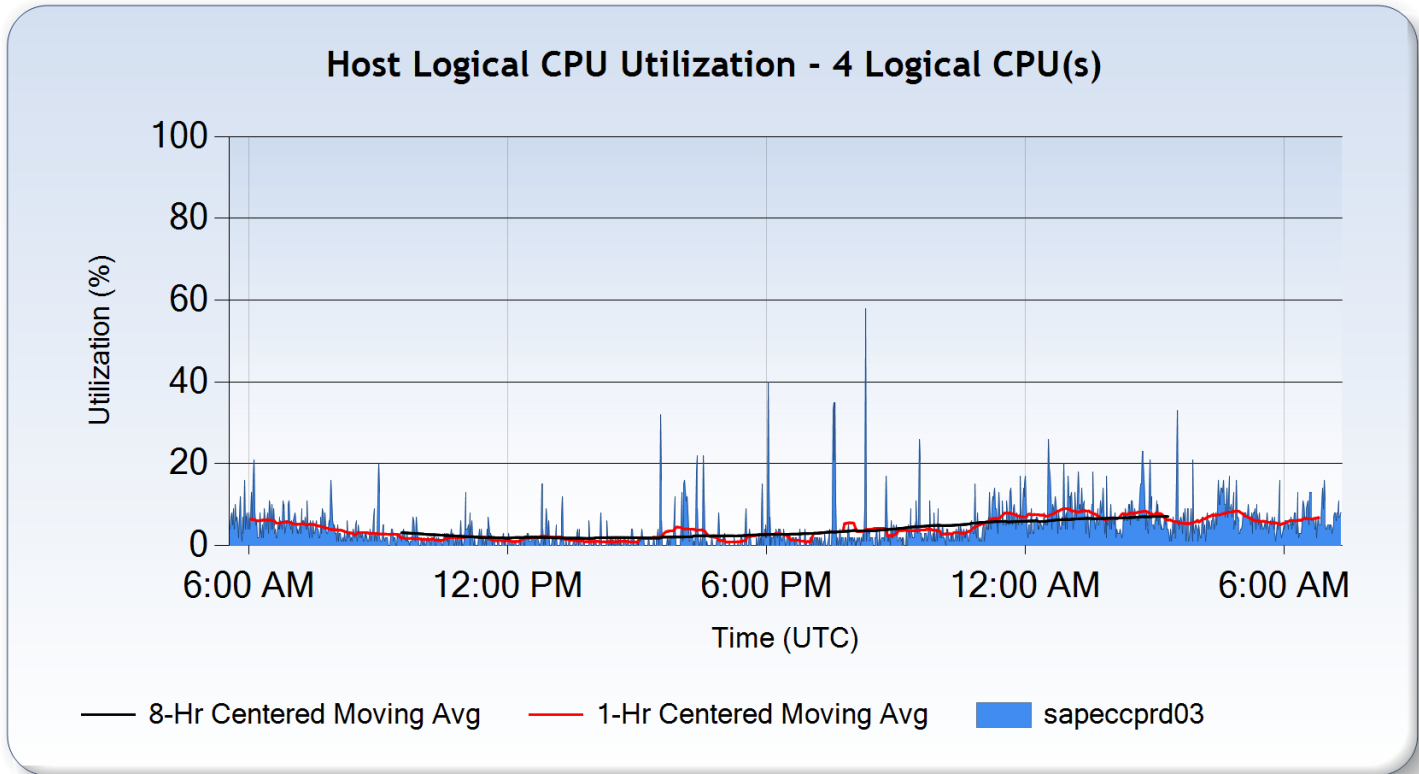
This chart plots average disk I/O utilization* in one minute intervals over time.



This chart plots I/O operations per second* in one minute intervals over time.

* Statistics are provided by the SAP operating system collector, SAPOSCOL.

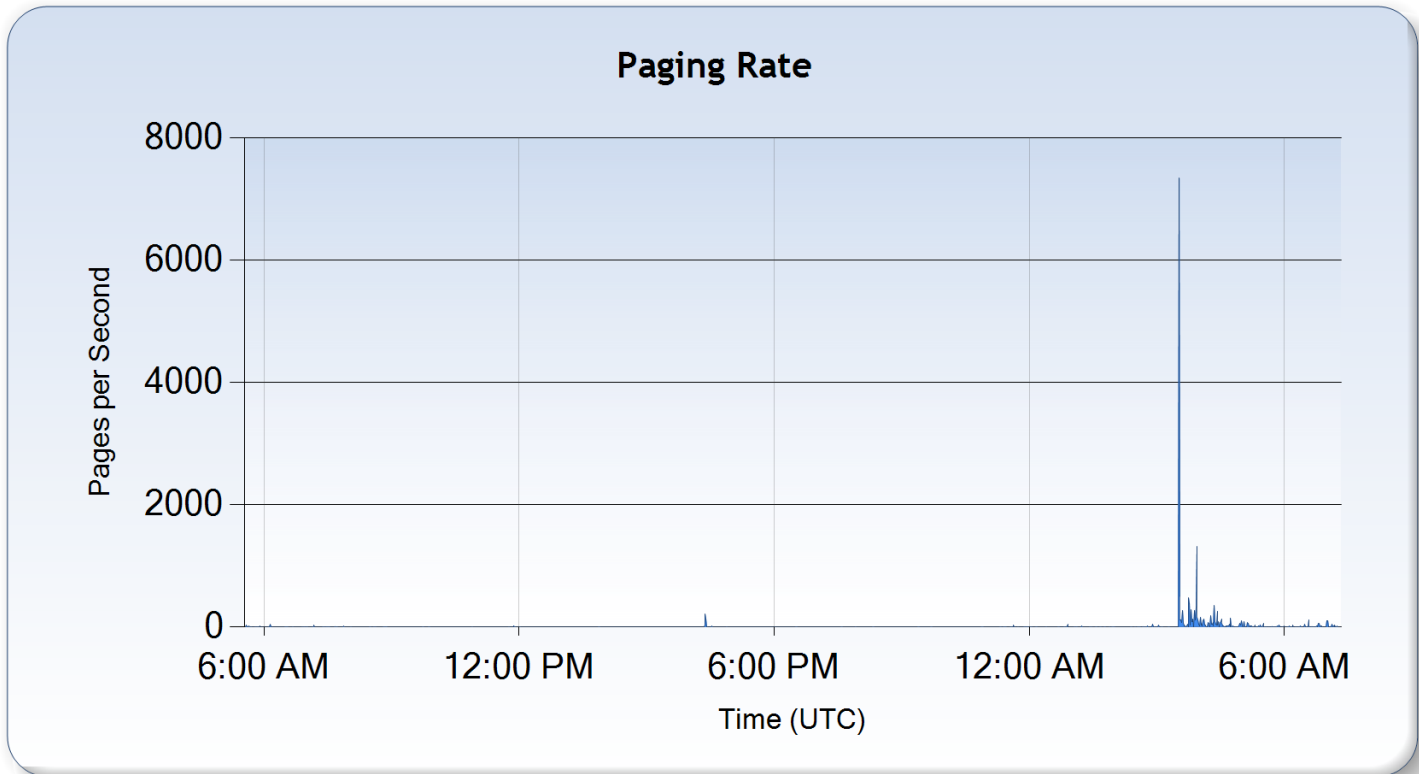
Host Logical CPU Statistics - sapeccprd03



This chart plots average processor utilization* in one minute intervals over time.

Peak 1-Hour Average Utilization of 9.1% (442.002 SAPs) occurred at 1/5/2012 12:55:01 AM

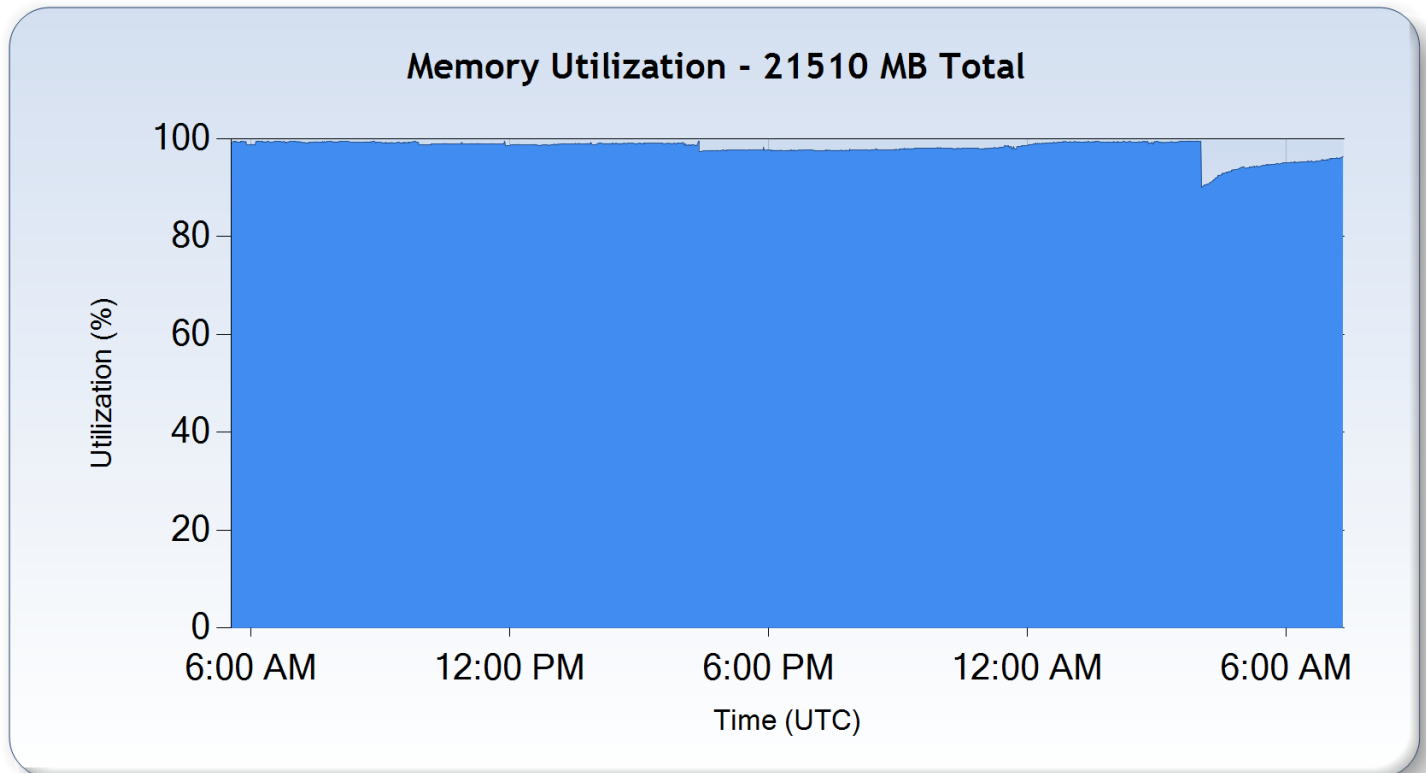
Peak 8-Hour Average Utilization of 7.1% (348.90075 SAPs) occurred at 1/5/2012 3:04:01 AM



This chart plots paging rate* in one minute intervals over time.

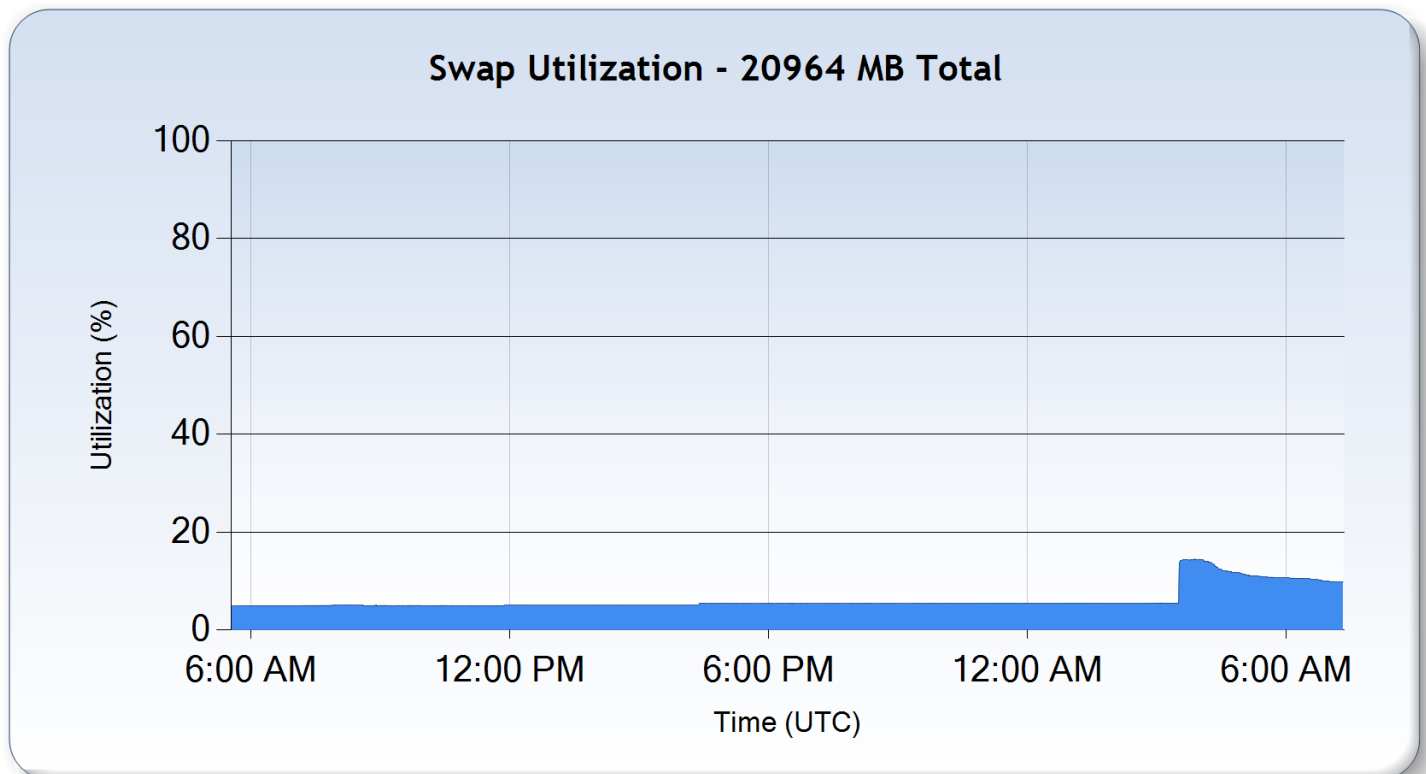
* Statistics are provided by the SAP operating system collector, SAPOSCOL.

Host Memory Statistics - sapecprd03



This chart plots physical memory utilization* in one minute intervals over time.

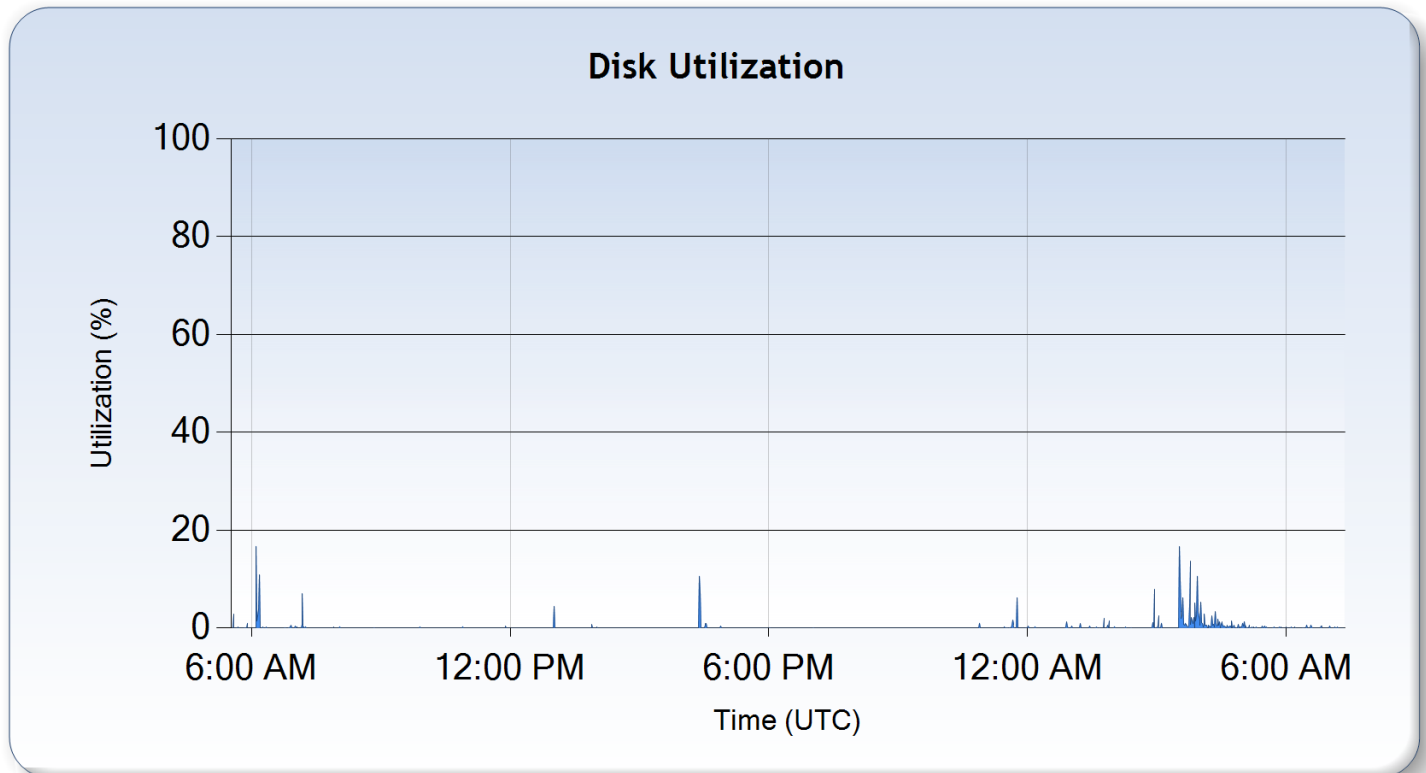
** Memory utilization indicates 100% on iSeries due to Single Level Storage architecture.



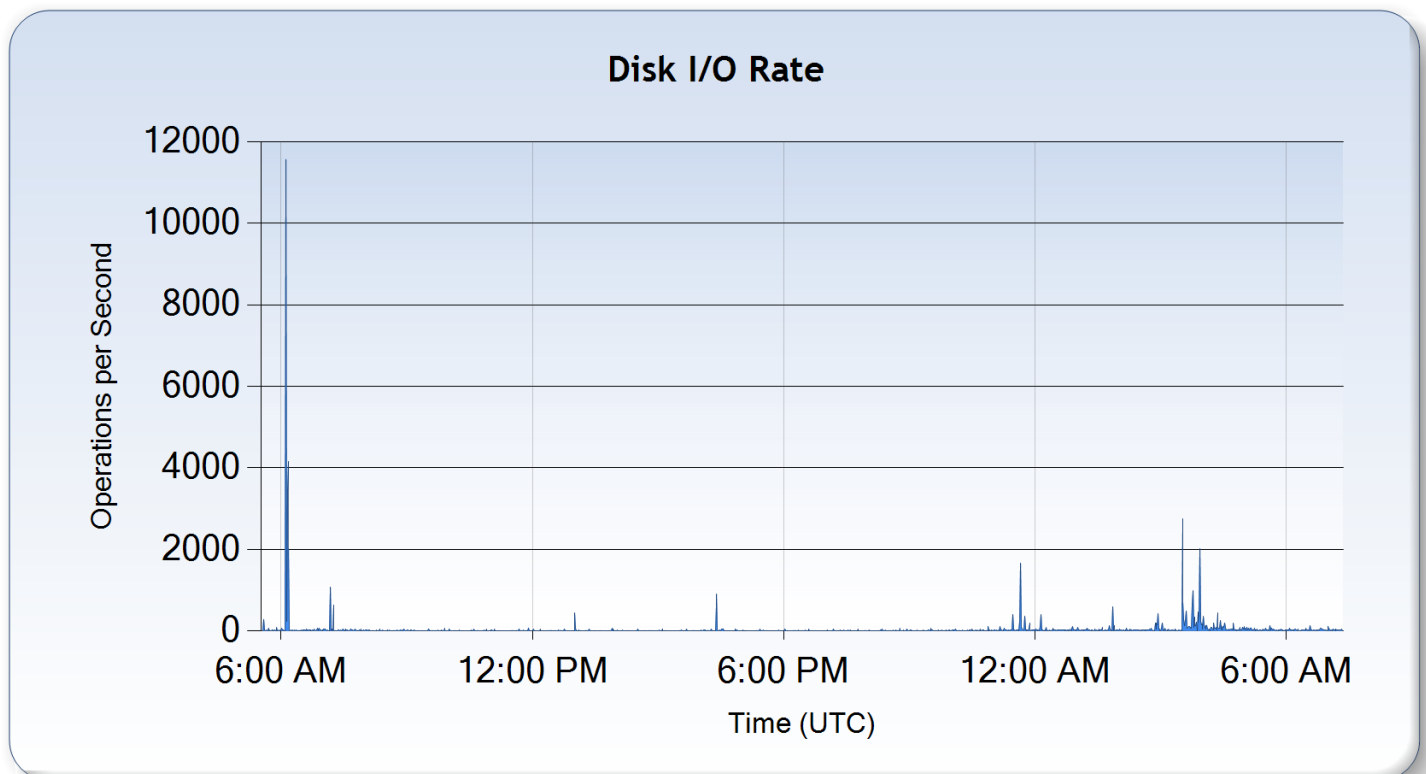
This chart plots swap utilization* in one minute intervals over time.

* Statistics are provided by the SAP operating system collector, SAPOSCOL.

Host Disk Statistics - sapecprd03



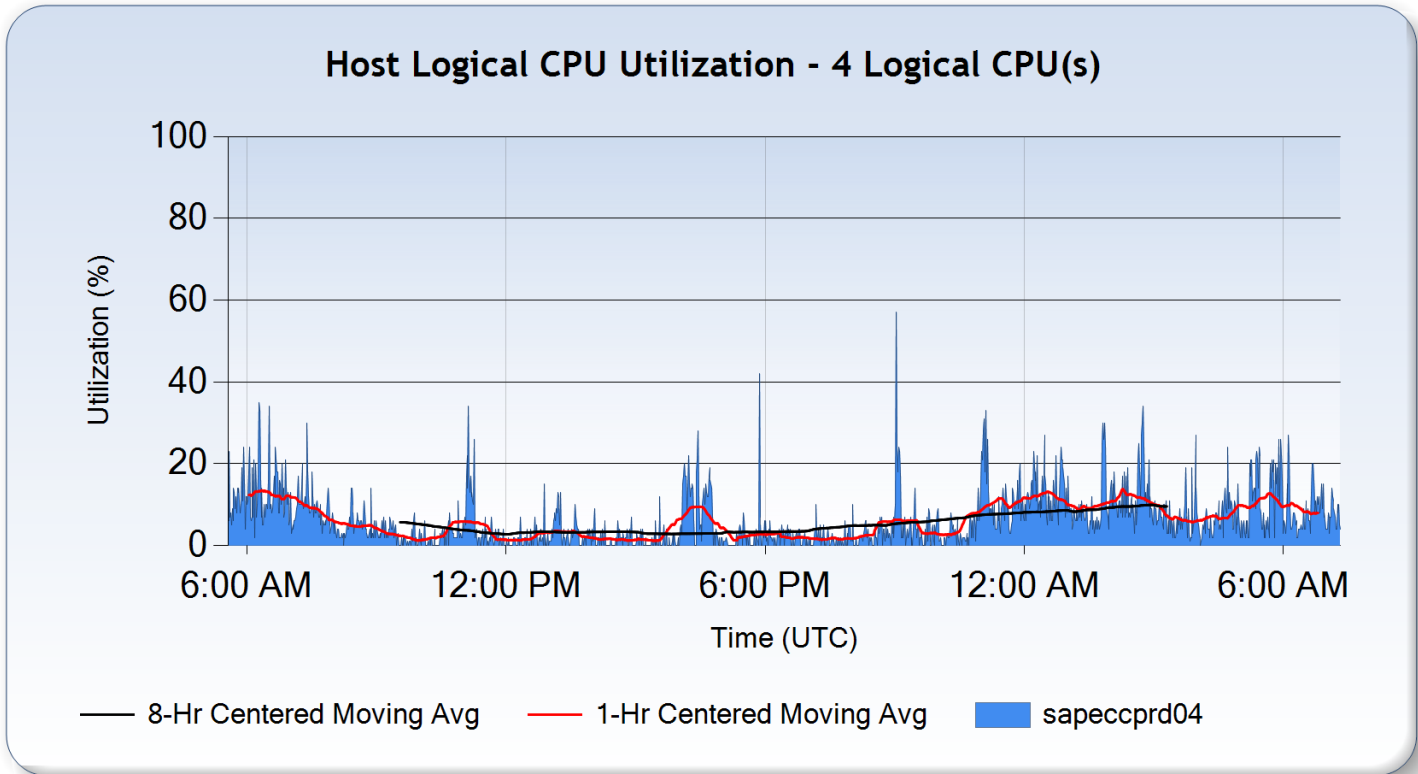
This chart plots average disk I/O utilization* in one minute intervals over time.



This chart plots I/O operations per second* in one minute intervals over time.

* Statistics are provided by the SAP operating system collector, SAPOSCOL.

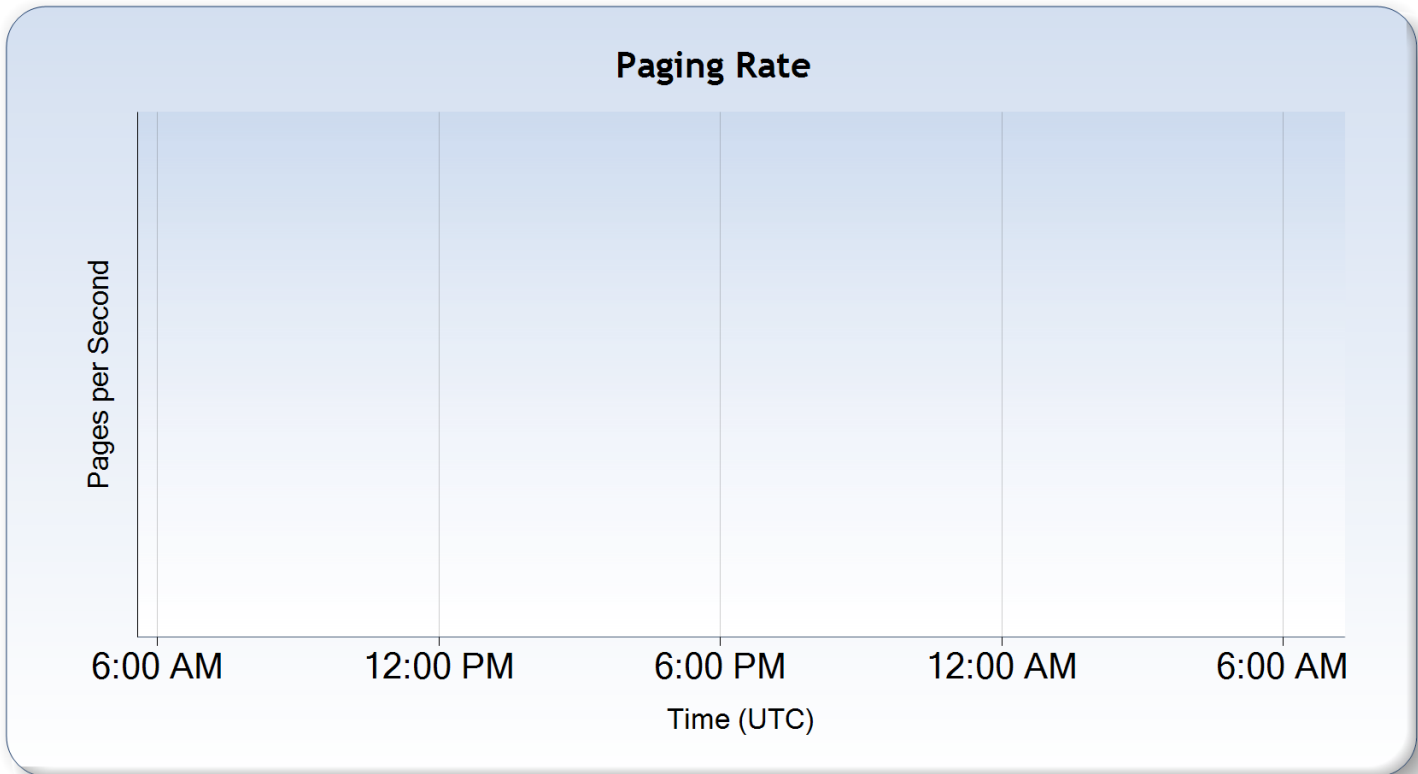
Host Logical CPU Statistics - sapeccprd04



This chart plots average processor utilization* in one minute intervals over time.

Peak 1-Hour Average Utilization of 13.8% occurred at 1/5/2012 2:17:01 AM

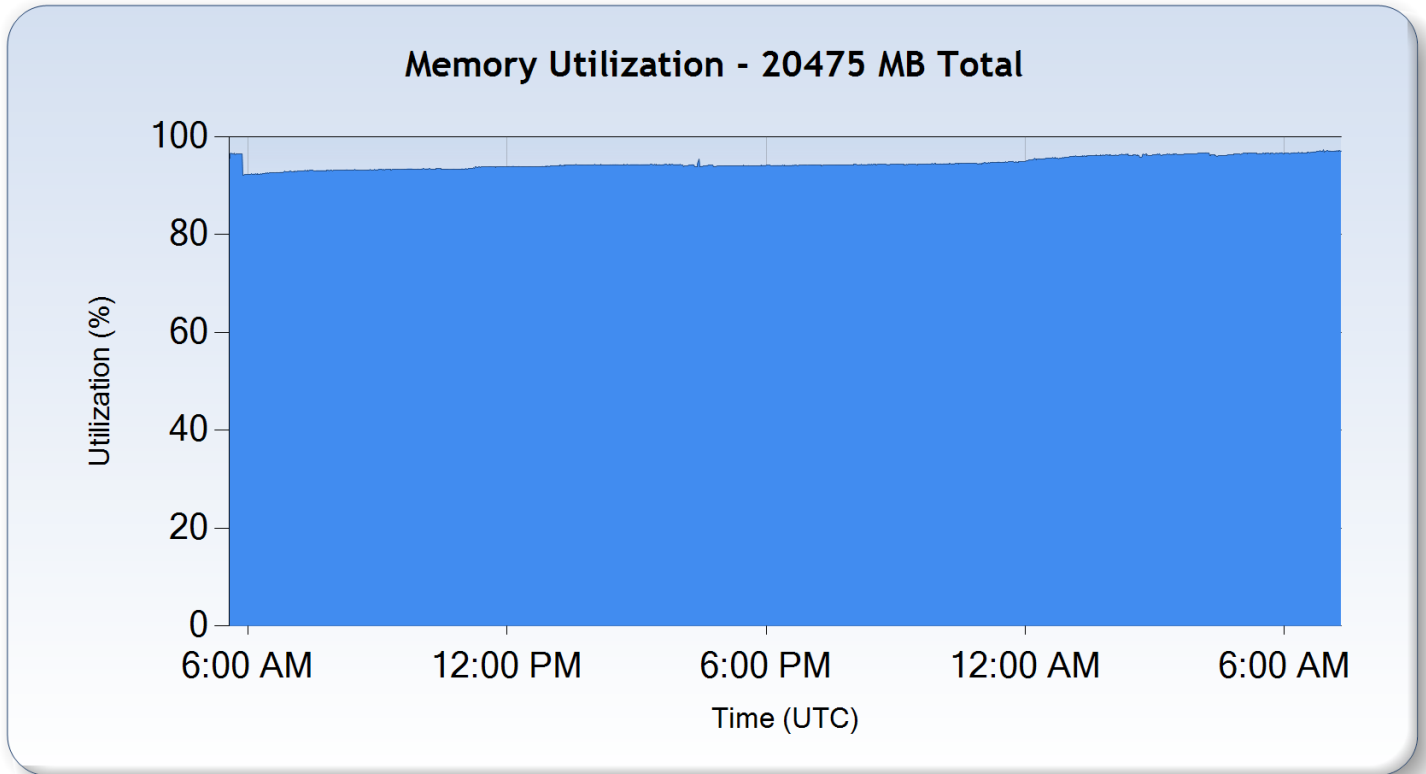
Peak 8-Hour Average Utilization of 10.0% occurred at 1/5/2012 2:55:01 AM



This chart plots paging rate* in one minute intervals over time.

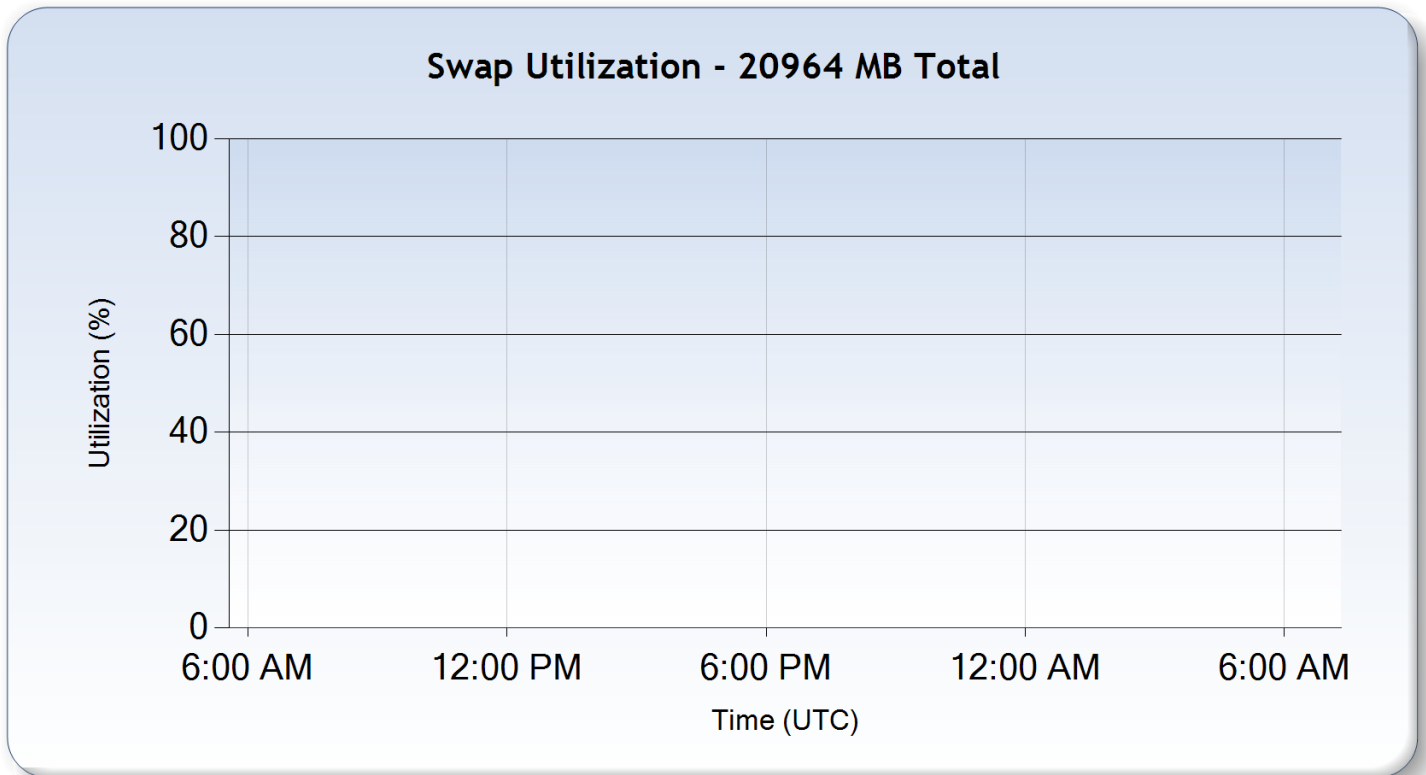
* Statistics are provided by the SAP operating system collector, SAPOSCOL.

Host Memory Statistics - sapecprd04



This chart plots physical memory utilization* in one minute intervals over time.

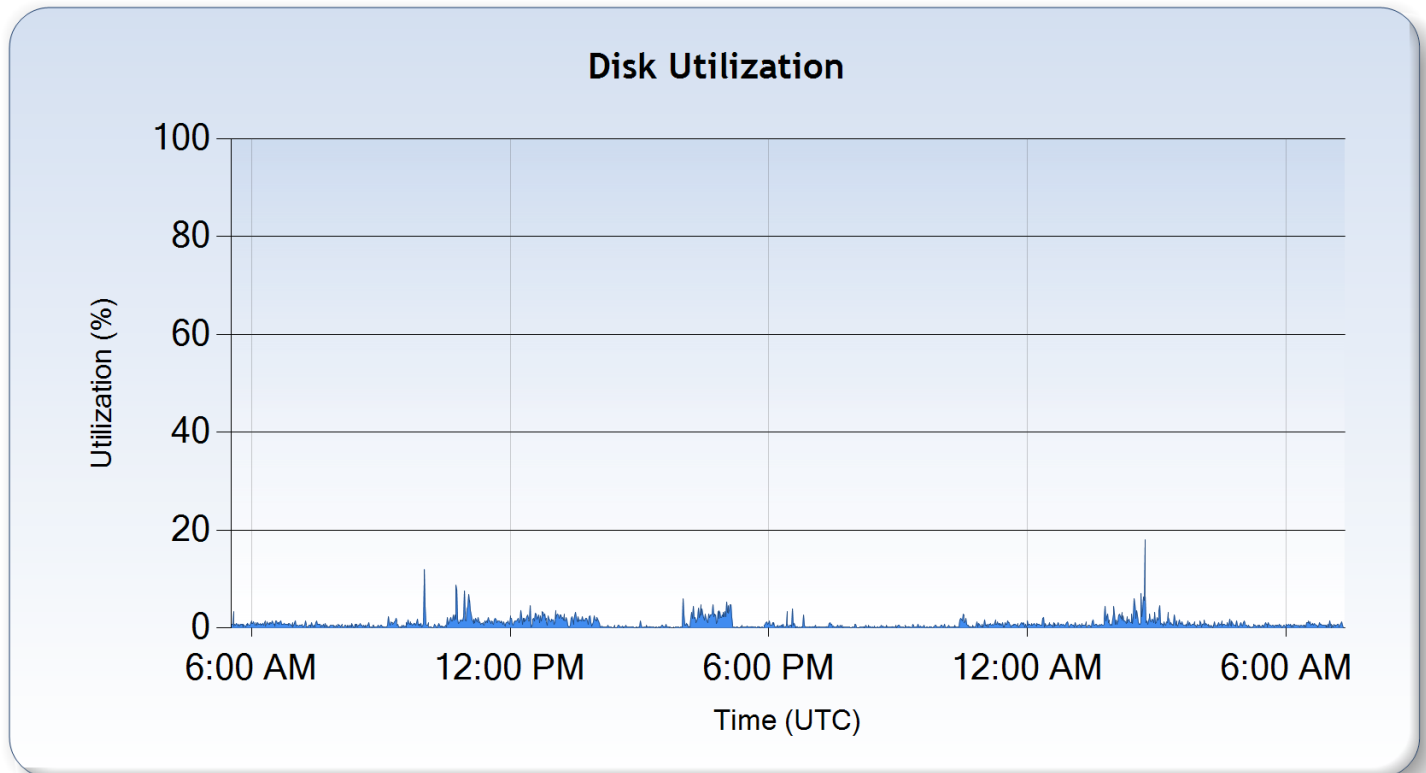
** Memory utilization indicates 100% on iSeries due to Single Level Storage architecture.



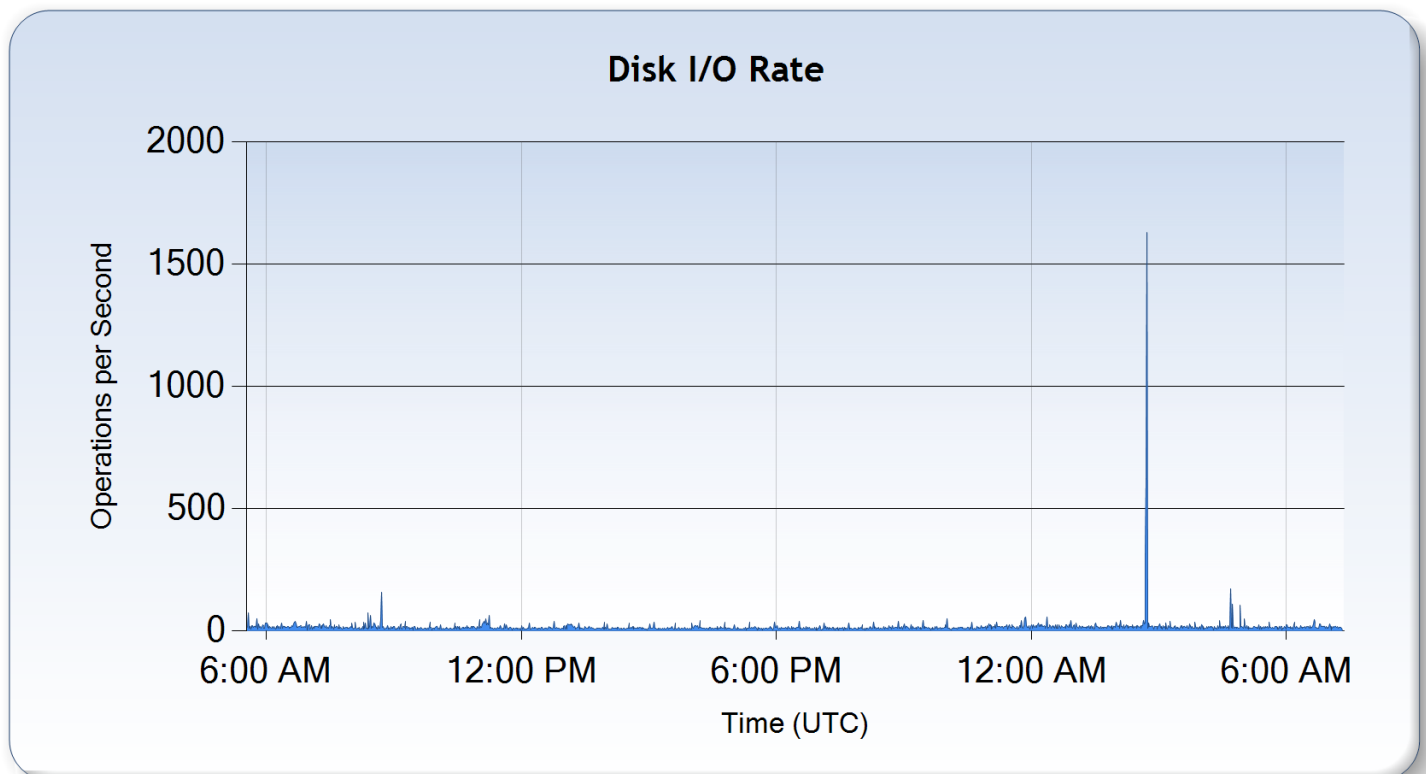
This chart plots swap utilization* in one minute intervals over time.

* Statistics are provided by the SAP operating system collector, SAPOSCOL.

Host Disk Statistics - sapeccprd04



This chart plots average disk I/O utilization* in one minute intervals over time.



This chart plots I/O operations per second* in one minute intervals over time.

* Statistics are provided by the SAP operating system collector, SAPOSCOL.

Top Disk

Host	Disk	High Count	Moderate Count	Peak Util (%)	Avg Util (%)
sapecpr01	sde	545	182	100 %	29 %
sapecpr01	sde1	545	182	100 %	29 %
sapecpr01	dm-14	535	189	100 %	28 %
sapecpr01	dm-17	526	186	100 %	28 %
sapecpr01	sdd	525	187	100 %	28 %
sapecpr01	sdd1	525	187	100 %	28 %
sapecpr01	dm-18	143	60	84 %	7 %
sapecpr01	sdC	143	60	83 %	7 %
sapecpr01	sdC1	143	60	83 %	7 %
sapecpr01	dm-16	77	83	97 %	7 %
sapecpr01	dm-15	67	94	100 %	6 %
sapecpr01	sda	42	68	100 %	7 %
sapecpr01	sda3	42	68	100 %	7 %
sapecpr01	dm-6	27	9	84 %	1 %
sapecpr01	dm-8	15	43	99 %	3 %
sapecpr02	sda	6	5	97 %	0 %
sapecpr01	dm-4	3	17	77 %	2 %
sapecpr02	sda2	3	2	69 %	0 %
sapecpr03	dm-5	3	0	100 %	0 %
sapecpr03	sda	3	6	55 %	0 %
sapecpr02	sda3	2	3	64 %	0 %
sapecpr03	sda3	2	4	77 %	0 %
sapecpr01	dm-10	1	3	77 %	0 %
sapecpr01	dm-12	1	0	43 %	0 %
sapecpr01	dm-7	1	0	89 %	0 %
sapecpr02	dm-5	1	3	62 %	0 %
sapecpr03	sda2	1	2	43 %	0 %
sapecpr04	dm-5	1	0	54 %	1 %
sapecpr04	sda	1	11	57 %	3 %
sapecpr04	sda3	1	11	57 %	3 %

Appendix

Abbreviations

Dialog Step Task Types

DIA	Dialog
UPD	Update (V1)
SPO	Spool
BKGD	Background
ENQ	Enqueue
BUF	Buffer Synchronization
CYCL	Cyclic Background ABAP
UP2	Update (V2)
ALE	Application Link Enabling
RFC	Remote Function Call
CPIC	Common Programming Interface for Communication

SAP Application Modules

AC	Accounting - General
BC	Basis Components
CA	Cross-Application Components
CO	Controlling
CS	Customer Service
EC	Enterprise Controlling
FI	Financial Accounting
IM	Investment Management
LE	Logistics Execution
LO	Logistics - General
MM	Materials Management
QM	Quality Management
PA	Personnel Management
PE	Training and Event Management
PM	Plant Maintenance
PP	Production Planning and Control
PS	Project System
PT	Personnel Time Management
PY	Payroll Accounting
RE	Real Estate Management
SCM-EM	Supply Chain Event Management
SD	Sales and Distribution
SV	Service
TR	Treasury
OT	Other (Not Defined in SAP Application Hierarchy)

Component Information

Component	Release	Level	Description
EA-APPL	605	0005	SAP Enterprise Extension PLM, SCM, Finan
EA-DFPS	600	0000000019	SAP Enterprise Extension Defense Forces
EA-FINSERV	605	0005	SAP Enterprise Extension Financial Servi
EA-GLTRADE	605	0005	SAP Enterprise Extension Global Trade
EA-HR	605	0013	SAP Enterprise Extension HR
EA-HRCAR	605	0000	Sub component EA-HRCAR of EA-HR
EA-HRCAT	605	0000	Sub component EA-HRCAT of EA-HR
EA-HRCAU	605	0000	Sub component EA-HRCAU of EA-HR
EA-HRCBE	605	0000	Sub component EA-HRCBE of EA-HR
EA-HRCBR	605	0000	Sub component EA-HRCBR of EA-HR
EA-HRCCA	605	0000	Sub component EA-HRCCA of EA-HR
EA-HRCCH	605	0000	Sub component EA-HRCCH of EA-HR
EA-HRCCL	605	0000	Sub component EA-HRCCL of EA-HR
EA-HRCCN	605	0000	Sub component EA-HRCCN of EA-HR
EA-HRCDE	605	0000	Sub component EA-HRCDE of EA-HR
EA-HRCDK	605	0000	Sub component EA-HRCDK of EA-HR
EA-HRCES	605	0000	Sub component EA-HRCES of EA-HR
EA-HRCFI	605	0000	Sub component EA-HRCFI of EA-HR
EA-HRCFR	605	0000	Sub component EA-HRCFR of EA-HR
EA-HRCGB	605	0000	Sub component EA-HRCGB of EA-HR
EA-HRCHK	605	0000	Sub component EA-HRCHK of EA-HR
EA-HRCID	605	0000	Sub component EA-HRCID of EA-HR
EA-HRCIE	605	0000	Sub component EA-HRCIE of EA-HR
EA-HRCIN	605	0000	Sub component EA-HRCIN of EA-HR
EA-HRCIT	605	0000	Sub component EA-HRCIT of EA-HR
EA-HRCJP	605	0000	Sub component EA-HRCJP of EA-HR
EA-HRCKR	605	0000	Sub component EA-HRCKR of EA-HR
EA-HRCMX	605	0000	Sub component EA-HRCMX of EA-HR
EA-HRCMY	605	0000	Sub component EA-HRCMY of EA-HR
EA-HRCNL	605	0000	Sub component EA-HRCNL of EA-HR
EA-HRCNO	605	0000	Sub component EA-HRCNO of EA-HR
EA-HRCNZ	605	0000	Sub component EA-HRCNZ of EA-HR
EA-HRCPH	605	0000	Sub component EA-HRCPH of EA-HR
EA-HRCPT	605	0000	Sub component EA-HRCPT of EA-HR
EA-HRCRU	605	0000	Sub component EA-HRCRU of EA-HR
EA-HRCSE	605	0000	Sub component EA-HRCSE of EA-HR
EA-HRCSG	605	0000	Sub component EA-HRCSG of EA-HR
EA-HRCTH	605	0000	Sub component EA-HRCTH of EA-HR
EA-HRCTW	605	0000	Sub component EA-HRCTW of EA-HR
EA-HRCUN	605	0000	Sub component EA-HRCUN of EA-HR
EA-HRCUS	605	0000	Sub component EA-HRCUS of EA-HR
EA-HRCVE	605	0000	Sub component EA-HRCVE of EA-HR
EA-HRCZA	605	0000	Sub component EA-HRCZA of EA-HR
EA-HRGXX	605	0000	Sub component EA-HRGXX of EA-HR
EA-HRRXX	605	0000	Sub component EA-HRRXX of EA-HR

EA-IPPE	405	0005	SAP iPPE
EA-PS	605	0005	SAP Enterprise Extension Public Services
EA-RETAIL	605	0005	SAP Enterprise Extension Retail
ECC-DIMP	605	0005	DIMP
ERECRUIT	600	0000000019	E-Recruiting
FI-CA	605	0005	FI-CA
FI-CAX	600	0000000011	FI-CA Extended
FINBASIS	605	0005	Financial Basis
INSURANCE	605	0005	SAP Insurance
IS-CWM	605	0005	Industry Solution Catch Weight Managemen
IS-H	600	0000000012	SAP Healthcare
IS-M	605	0005	SAP MEDIA
IS-OIL	600	0000000011	IS-OIL
IS-PS-CA	605	0005	IS-PUBLIC SECTOR CONTRACT ACCOUNTING
IS-UT	605	0005	SAP Utilities/Telecommunication
LSOFE	600	0000000019	SAP Learning Solution Front-End
PI_BASIS	702	0008	Basis Plug-In
PLMWUI	701	0005	SAP PLM Web UI
SAP_ABA	702	0008	Dummy entry - !do not remove!
SAP_AP	700	0000000022	SAP Application Platform
SAP_APPL	605	0005	Dummy entry - !do not remove!
SAP_BASIS	702	0008	Dummy entry - !do not remove!
SAP_BS_FND	702	0006	SAP Business Suite Foundation
SAP_BW	702	0008	SAP Business Warehouse
SAP_HR	604	0036	Dummy entry - !do not remove!
SAP_HRCAR	604	0000	Sub component SAP_HRCAR of SAP_HR
SAP_HRCAT	604	0000	Sub component SAP_HRCAT of SAP_HR
SAP_HRCAU	604	0000	Sub component SAP_HRCAU of SAP_HR
SAP_HRCBE	604	0000	Sub component SAP_HRCBE of SAP_HR
SAP_HRCBR	604	0000	Sub component SAP_HRCBR of SAP_HR
SAP_HRCCA	604	0000	Sub component SAP_HRCCA of SAP_HR
SAP_HRCCH	604	0000	Sub component SAP_HRCCH of SAP_HR
SAP_HRCCL	604	0000	Sub component SAP_HRCCL of SAP_HR
SAP_HRCCN	604	0000	Sub component SAP_HRCCN of SAP_HR
SAP_HRCDE	604	0000	Sub component SAP_HRCDE of SAP_HR
SAP_HRCDK	604	0000	Sub component SAP_HRCDK of SAP_HR
SAP_HRCES	604	0000	Sub component SAP_HRCES of SAP_HR
SAP_HRCFI	604	0000	Sub component SAP_HRCFI of SAP_HR
SAP_HRCFR	604	0000	Sub component SAP_HRCFR of SAP_HR
SAP_HRCGB	604	0000	Sub component SAP_HRCGB of SAP_HR
SAP_HRCHK	604	0000	Sub component SAP_HRCHK of SAP_HR
SAP_HRCID	604	0000	Sub component SAP_HRCID of SAP_HR
SAP_HRCIE	604	0000	Sub component SAP_HRCIE of SAP_HR
SAP_HRCIN	604	0000	Sub component SAP_HRCIN of SAP_HR
SAP_HRCIT	604	0000	Sub component SAP_HRCIT of SAP_HR
SAP_HRCJP	604	0000	Sub component SAP_HRCJP of SAP_HR
SAP_HRCKR	604	0000	Sub component SAP_HRCKR of SAP_HR
SAP_HRCMX	604	0000	Sub component SAP_HRCMX of SAP_HR

SAP_HRCMY	604	0000	Sub component SAP_HRCMY of SAP_HR
SAP_HRCNL	604	0000	Sub component SAP_HRCNL of SAP_HR
SAP_HRCNO	604	0000	Sub component SAP_HRCNO of SAP_HR
SAP_HRCNZ	604	0000	Sub component SAP_HRCNZ of SAP_HR
SAP_HRCPH	604	0000	Sub component SAP_HRCPH of SAP_HR
SAP_HRCPT	604	0000	Sub component SAP_HRCPT of SAP_HR
SAP_HRCRU	604	0000	Sub component SAP_HRCRU of SAP_HR
SAP_HRCSE	604	0000	Sub component SAP_HRCSE of SAP_HR
SAP_HRCSG	604	0000	Sub component SAP_HRCSG of SAP_HR
SAP_HRCTH	604	0000	Sub component SAP_HRCTH of SAP_HR
SAP_HRCTW	604	0000	Sub component SAP_HRCTW of SAP_HR
SAP_HRCUN	604	0000	Sub component SAP_HRCUN of SAP_HR
SAP_HRCUS	604	0000	Sub component SAP_HRCUS of SAP_HR
SAP_HRCVE	604	0000	Sub component SAP_HRCVE of SAP_HR
SAP_HRCZA	604	0000	Sub component SAP_HRCZA of SAP_HR
SAP_HRGXX	604	0000	Sub component SAP_HRGXX of SAP_HR
SAP_HRRXX	604	0000	Sub component SAP_HRRXX of SAP_HR
SEM-BW	605	0005	SEM-BW: Strategic Enterprise Management
ST-A/PI	01N_700ECC	0001	Application Servicetools for R/3 40B
ST-PI	2008_1_700	0005	SAP Solution Tools Plug-In
WEBCUIF	701	0005	SAP Web UI Framework

Patch Information

Patch	Date	Description
SAPKITLRD5	12/26/2011	ST-PI 2008_1_700: SP 0005
SAPKITLRD4	12/26/2011	ST-PI 2008_1_700: SP 0004
SAPKITLRD3	12/26/2011	ST-PI 2008_1_700: SP 0003
SAPKITLRD2	12/26/2011	ST-PI 2008_1_700: SP 0002
SAPKITLRD1	12/26/2011	ST-PI 2008_1_700: SP 0001
SAPKITAR7H	12/26/2011	Application Servicetools for ECC 600
SAPKITLRDB	12/26/2011	ST-PI 2008_1_700: Add-On Upgrade
SAPK-60513INEAHR	12/25/2011	EA-HR 605: SP 0013
SAPKE60436	12/25/2011	SP 36 for SAP_HR 604
SAPK-60512INEAHR	12/25/2011	EA-HR 605: SP 0012
SAPKE60435	12/25/2011	SP 35 for SAP_HR 604
SAPK-60511INEAHR	12/25/2011	EA-HR 605: SP 0011
SAPKE60434	12/25/2011	SP 34 for SAP_HR 604
SAPK-60510INEAHR	12/25/2011	EA-HR 605: SP 0010
SAPKE60433	12/25/2011	SP 33 for SAP_HR 604
SAPK-60509INEAHR	12/25/2011	EA-HR 605: SP 0009
SAPKE60432	12/25/2011	SP 32 for SAP_HR 604
SAPK-60508INEAHR	12/25/2011	EA-HR 605: SP 0008
SAPKE60431	12/25/2011	SP 31 for SAP_HR 604
SAPK-60507INEAHR	12/25/2011	EA-HR 605: SP 0007
SAPKE60430	12/25/2011	SP 30 for SAP_HR 604
SAPK-60506INEAHR	12/25/2011	EA-HR 605: SP 0006
SAPKE60429	12/25/2011	SP 29 for SAP_HR 604
SAPK-60505INEAHR	12/25/2011	EA-HR 605: SP 0005
SAPKE60428	12/25/2011	SP 28 for SAP_HR 604
SAPK-60504INEAHR	12/25/2011	EA-HR 605: SP 0004
SAPKE60427	12/25/2011	SP 27 for SAP_HR 604
SAPK-60503INEAHR	12/25/2011	EA-HR 605: SP 0003
SAPKE60426	12/25/2011	SP 26 for SAP_HR 604
SAPK-60502INEAHR	12/25/2011	EA-HR 605: SP 0002
SAPKE60425	12/25/2011	SP 25 for SAP_HR 604
SAPKE60424	12/25/2011	SP 24 for SAP_HR 604
SAPKE60423	12/25/2011	SP 23 for SAP_HR 604
SAPKE60422	12/25/2011	SP 22 for SAP_HR 604
SAPK-60501INEAHR	12/25/2011	EA-HR 605: SP 0001
SAPKE60421	12/25/2011	SP 21 for SAP_HR 604
SAPKE60420	12/25/2011	SP 20 for SAP_HR 604
SAPK-605DHINEAHR	12/25/2011	EA-HR 605 Upgrade
SAPKE60419	12/25/2011	SP 19 for SAP_HR 604
SAPKE60418	12/25/2011	SP 18 for SAP_HR 604
SAPKE60417	12/25/2011	SP 17 for SAP_HR 604
SAPKE60416	12/25/2011	SP 16 for SAP_HR 604
SAPKE60415	12/25/2011	SP 15 for SAP_HR 604
SAPKE60414	12/25/2011	SP 14 for SAP_HR 604
SAPKE60413	12/25/2011	SP 13 for SAP_HR 604

SAPKE60412	12/25/2011	SP 12 for SAP_HR 604
SAPKE60411	12/25/2011	SP 11 for SAP_HR 604
SAPK-60505INISCWM	12/25/2011	IS-CWM 605: SP 0005
SAPK-60505INSEMBW	12/25/2011	SEM-BW 605: SP 0005
SAPK-70105INPLMWUI	12/25/2011	PLMWUI 701: SP 0005
SAPK-60505INISUT	12/25/2011	IS-UT 605: SP 0005
SAPK-60505INISPSCA	12/25/2011	IS-PS-CA 605: SP 0005
SAPK-60505INISM	12/25/2011	IS-M 605: SP 0005
SAPK-60505ININSURANC	12/25/2011	INSURANCE 605: SP 0005
SAPK-60505INFICA	12/25/2011	FI-CA 605: SP 0005
SAPK-60505INFINBASIS	12/25/2011	FINBASIS 605: SP 0005
SAPK-60505INEARETAIL	12/25/2011	EA-RETAIL 605: SP 0005
SAPK-60505INEAPS	12/25/2011	EA-PS 605: SP 0005
SAPK-60505INEAGLTRAD	12/25/2011	EA-GLTRADE 605: SP 0005
SAPK-60505INEAFINSRV	12/25/2011	EA-FINSERV 605: SP 0005
SAPK-60505INECCDIMP	12/25/2011	ECC-DIMP 605: SP 0005
SAPK-60505INEAAPPL	12/25/2011	EA-APPL 605: SP 0005
SAPKE60410	12/25/2011	SP 10 for SAP_HR 604
SAPKH60505	12/25/2011	SAP_APPL 605: SP 0005
SAPK-70206INSAPBSFND	12/25/2011	SAP_BS_FND 702: SP 0006
SAPK-60504INISCWM	12/25/2011	IS-CWM 605: SP 0004
SAPK-60504INSEMBW	12/25/2011	SEM-BW 605: SP 0004
SAPK-70104INPLMWUI	12/25/2011	PLMWUI 701: SP 0004
SAPK-60504INISUT	12/25/2011	IS-UT 605: SP 0004
SAPK-60504INISPSCA	12/25/2011	IS-PS-CA 605: SP 0004
SAPK-60504INISM	12/25/2011	IS-M 605: SP 0004
SAPK-60504ININSURANC	12/25/2011	INSURANCE 605: SP 0004
SAPK-60504INFICA	12/25/2011	FI-CA 605: SP 0004
SAPK-60504INFINBASIS	12/25/2011	FINBASIS 605: SP 0004
SAPK-60504INEARETAIL	12/25/2011	EA-RETAIL 605: SP 0004
SAPK-60504INEAPS	12/25/2011	EA-PS 605: SP 0004
SAPK-60504INEAGLTRAD	12/25/2011	EA-GLTRADE 605: SP 0004
SAPK-60504INEAFINSRV	12/25/2011	EA-FINSERV 605: SP 0004
SAPK-60504INECCDIMP	12/25/2011	ECC-DIMP 605: SP 0004
SAPK-60504INEAAPPL	12/25/2011	EA-APPL 605: SP 0004
SAPKE60409	12/25/2011	SP 09 for SAP_HR 604
SAPKH60504	12/25/2011	SAP_APPL 605: SP 0004
SAPK-70205INSAPBSFND	12/25/2011	SAP_BS_FND 702: SP 0005
SAPK-60503INISCWM	12/25/2011	IS-CWM 605: SP 0003
SAPK-60503INSEMBW	12/25/2011	SEM-BW 605: SP 0003
SAPK-70103INPLMWUI	12/25/2011	PLMWUI 701: SP 0003
SAPK-60503INISUT	12/25/2011	IS-UT 605: SP 0003
SAPK-60503INISPSCA	12/25/2011	IS-PS-CA 605: SP 0003
SAPK-60503INISM	12/25/2011	IS-M 605: SP 0003
SAPK-60503ININSURANC	12/25/2011	INSURANCE 605: SP 0003
SAPK-60503INFICA	12/25/2011	FI-CA 605: SP 0003
SAPK-60503INFINBASIS	12/25/2011	FINBASIS 605: SP 0003
SAPK-60503INEARETAIL	12/25/2011	EA-RETAIL 605: SP 0003
SAPK-60503INEAPS	12/25/2011	EA-PS 605: SP 0003

SAPK-60503INEAGLTRAD	12/25/2011	EA-GLTRADE 605: SP 0003
SAPK-60503INEAFINSRV	12/25/2011	EA-FINSERV 605: SP 0003
SAPK-60503INECCDIMP	12/25/2011	ECC-DIMP 605: SP 0003
SAPK-60503INEAAPPL	12/25/2011	EA-APPL 605: SP 0003
SAPK-40505INEAIPPE	12/25/2011	EA-IPPE 405: SP 0005
SAPKE60408	12/25/2011	SP 08 for SAP_HR 604
SAPKH60503	12/25/2011	SAP_APPL 605: SP 0003
SAPK-70105INWEBCUIF	12/25/2011	WEBCUIF 701: SP 0005
SAPKW70208	12/25/2011	BW Support Package 08 for 7.02
SAPK-70204INSAPBSFND	12/25/2011	SAP_BS_FND 702: SP 0004
SAPK-70208INPIBASIS	12/25/2011	PI_BASIS Support Package 08 for 7.02
SAPKA70208	12/25/2011	ABA Support Package 08 for 7.02
SAPK-60502INISCWM	12/25/2011	IS-CWM 605: SP 0002
SAPK-60502INSEMBW	12/25/2011	SEM-BW 605: SP 0002
SAPK-70102INPLMWUI	12/25/2011	PLMWUI 701: SP 0002
SAPK-60502INISUT	12/25/2011	IS-UT 605: SP 0002
SAPK-60502INISPSCA	12/25/2011	IS-PS-CA 605: SP 0002
SAPK-60502INISM	12/25/2011	IS-M 605: SP 0002
SAPK-60501INISCWM	12/25/2011	IS-CWM 605: SP 0001
SAPK-60502ININSURANC	12/25/2011	INSURANCE 605: SP 0002
SAPK-60502INFICA	12/25/2011	FI-CA 605: SP 0002
SAPK-60502INFINBASIS	12/25/2011	FINBASIS 605: SP 0002
SAPK-60502INEARETAIL	12/25/2011	EA-RETAIL 605: SP 0002
SAPK-60502INEAPS	12/25/2011	EA-PS 605: SP 0002
SAPK-60502INEAGLTRAD	12/25/2011	EA-GLTRADE 605: SP 0002
SAPK-60502INEAFINSRV	12/25/2011	EA-FINSERV 605: SP 0002
SAPK-60502INECCDIMP	12/25/2011	ECC-DIMP 605: SP 0002
SAPK-60502INEAAPPL	12/25/2011	EA-APPL 605: SP 0002
SAPK-40504INEAIPPE	12/25/2011	EA-IPPE 405: SP 0004
SAPKE60407	12/25/2011	SP 07 for SAP_HR 604
SAPKH60502	12/25/2011	SAP_APPL 605: SP 0002
SAPK-70104INWEBCUIF	12/25/2011	WEBCUIF 701: SP 0004
SAPKW70207	12/25/2011	BW Support Package 07 for 7.02
SAPK-70203INSAPBSFND	12/25/2011	SAP_BS_FND 702: SP 0003
SAPK-70207INPIBASIS	12/25/2011	PI_BASIS Support Package 07 for 7.02
SAPKB70208	12/25/2011	Basis Support Package 08 for 7.02
SAPKA70207	12/25/2011	ABA Support Package 07 for 7.02
SAPK-60501INSEMBW	12/25/2011	SEM-BW 605: SP 0001
SAPK-70101INPLMWUI	12/25/2011	PLMWUI 701: SP 0001
SAPK-605IHINISCWM	12/25/2011	IS-CWM 605: Add-On Installation
SAPK-60501INISUT	12/25/2011	IS-UT 605: SP 0001
SAPK-60501INISPSCA	12/25/2011	IS-PS-CA 605: SP 0001
SAPK-60501INISM	12/25/2011	IS-M 605: SP 0001
SAPK-60501ININSURANC	12/25/2011	INSURANCE 605: SP 0001
SAPK-60501INFICA	12/25/2011	FI-CA 605: SP 0001
SAPK-60501INFINBASIS	12/25/2011	FINBASIS 605: SP 0001
SAPK-60501INEARETAIL	12/25/2011	EA-RETAIL 605: SP 0001
SAPK-60501INEAPS	12/25/2011	EA-PS 605: SP 0001
SAPK-60501INEAGLTRAD	12/25/2011	EA-GLTRADE 605: SP 0001

SAPK-60501INEAFINSRV	12/25/2011	EA-FINSERV 605: SP 0001
SAPK-60501INECCDIMP	12/25/2011	ECC-DIMP 605: SP 0001
SAPK-60501INEAAPPL	12/25/2011	EA-APPL 605: SP 0001
SAPK-40503INEAIPPE	12/25/2011	EA-IPPE 405: SP 0003
SAPKE60406	12/25/2011	SP 06 for SAP_HR 604
SAPKH60501	12/25/2011	SAP_APPL 605: SP 0001
SAPK-70103INWEBCUIF	12/25/2011	WEBCUIF 701: SP 0003
SAPKW70206	12/25/2011	BW Support Package 06 for 7.02
SAPK-70202INSAPBSFND	12/25/2011	SAP_BS_FND 702: SP 0002
SAPK-70206INPIBASIS	12/25/2011	PI_BASIS Support Package 06 for 7.02
SAPKB70207	12/25/2011	Basis Support Package 07 for 7.02
SAPKA70206	12/25/2011	ABA Support Package 06 for 7.02
SAPK-605IHINSEMBW	12/25/2011	SEM-BW 605: Add-On Installation.
SAPK-701BGINPLMWUI	12/25/2011	SAP PLM Web UI 701
SAPK-605DHINISUT	12/25/2011	IS-UT 605 Upgrade
SAPK-605DHINISPCA	12/25/2011	IS-PS-CA 605 Upgrade
SAPK-605DHINISM	12/25/2011	IS-M 605 Upgrade
SAPK-605DHININSURANC	12/25/2011	INSURANCE 605 Upgrade
SAPK-605DHINFICA	12/25/2011	FI-CA 605 Upgrade
SAPK-605DHINECCDIMP	12/25/2011	ECC-DIMP 605 Upgrade
SAPK-605IHINFINBASIS	12/25/2011	FINBASIS 605: Add-On Installation
SAPK-605DHINEARETAIL	12/25/2011	EA-RETAIL 605 Upgrade
SAPK-605DHINEAPS	12/25/2011	EA-PS 605 Upgrade
SAPK-605DHINEAGLTRAD	12/25/2011	EA-GLTRADE 605 Upgrade
SAPK-605DHINEAFINSRV	12/25/2011	EA-FINSERV 605 Upgrade
SAPK-605DHINEAAPPL	12/25/2011	EA-APPL 605 Upgrade
SAPK-40502INEAIPPE	12/25/2011	EA-IPPE 405: SP 0002
SAPKE60405	12/25/2011	SP 05 for SAP_HR 604
SAPK-605DHINSAPAPPL	12/25/2011	SAP_APPL 605 Upgrade
SAPK-70102INWEBCUIF	12/25/2011	WEBCUIF 701: SP 0002
SAPKW70205	12/25/2011	BW Support Package 05 for 7.02
SAPK-70201INSAPBSFND	12/25/2011	SAP_BS_FND 702: SP 0001
SAPK-70205INPIBASIS	12/25/2011	PI_BASIS Support Package 05 for 7.02
SAPKB70206	12/25/2011	Basis Support Package 06 for 7.02
SAPKA70205	12/25/2011	ABA Support Package 05 for 7.02
SAPKE60404	12/25/2011	SP 04 for SAP_HR 604
SAPK-70101INWEBCUIF	12/25/2011	WEBCUIF 701: SP 0001
SAPKW70204	12/25/2011	BW Support Package 04 for 7.02
SAPK-702BHINSAPBSFND	12/25/2011	SAP Business Suite Foundation 702
SAPK-70204INPIBASIS	12/25/2011	PI_BASIS Support Package 04 for 7.02
SAPKB70205	12/25/2011	Basis Support Package 05 for 7.02
SAPKA70204	12/25/2011	ABA Support Package 04 for 7.02
SAPK-40501INEAIPPE	12/25/2011	EA-IPPE 405: SP 0001
SAPKE60403	12/25/2011	SP 03 for SAP_HR 604
SAPK-701AHINWEBCUIF	12/25/2011	SAP Web Client UI Framework 701
SAPKW70203	12/25/2011	BW Support Package 03 for 7.02
SAPK-70103INSAPBSFND	12/25/2011	SAP_BS_FND 701: Support Package 03
SAPK-70203INPIBASIS	12/25/2011	PI_BASIS Support Package 03 for 7.02
SAPKB70204	12/25/2011	Basis Support Package 04 for 7.02

SAPKA70203	12/25/2011	ABA Support Package 03 for 7.02
SAPK-405AGINEAIPPE	12/25/2011	SAP iPPE 405
SAPKE60402	12/25/2011	SP 02 for SAP_HR 604
SAPK-70003INWEBCUIF	12/25/2011	WEBCUIF 700: Support Package 03
SAPKW70202	12/25/2011	BW Support Package 02 for 7.02
SAPK-70102INSAPBSFND	12/25/2011	SAP_BS_FND 701: Support Package 02
SAPK-70202INPIBASIS	12/25/2011	PI_BASIS Support Package 02 for 7.02
SAPKB70203	12/25/2011	Basis Support Package 03 for 7.02
SAPKA70202	12/25/2011	ABA Support Package 02 for 7.02
SAPKE60401	12/25/2011	SP 01 for SAP_HR 604
SAPK-70002INWEBCUIF	12/25/2011	WEBCUIF 700: Support Package 02
SAPKW70201	12/25/2011	BW Support Package 01 for 7.02
SAPK-70101INSAPBSFND	12/25/2011	SAP_BS_FND 701: patch 0001
SAPK-70201INPIBASIS	12/25/2011	PI_BASIS Support Package 01 for 7.02
SAPKB70202	12/25/2011	Basis Support Package 02 for 7.02
SAPKA70201	12/25/2011	ABA Support Package 01 for 7.02
SAPK-604DHINISUT	12/25/2011	IS-UT 604 Upgrade
SAPK-604DHINISPSCA	12/25/2011	IS-PS-CA 604 Upgrade
SAPK-604DHINISM	12/25/2011	IS-M 604 Upgrade
SAPK-604DHININSURANC	12/25/2011	INSURANCE 604 Upgrade
SAPK-604DHINFICA	12/25/2011	FI-CA 604 Upgrade
SAPK-604DHINECCDIMP	12/25/2011	ECC-DIMP 604 Upgrade
SAPK-604DHINEARETAIL	12/25/2011	EA-RETAIL 604 Upgrade
SAPK-604DHINEAPS	12/25/2011	EA-PS 604 Upgrade
SAPK-604DHINEAHR	12/25/2011	EA-HR 604 Upgrade
SAPK-604DHINEAGLTRAD	12/25/2011	EA-GLTRADE 604 Upgrade
SAPK-604DHINEAFINSRV	12/25/2011	EA-FINSERV 604 Upgrade
SAPK-604DHINEAAPPL	12/25/2011	EA-APPL 604 Upgrade
SAPK-604DHINSAPHR	12/25/2011	SAP_HR 604 Upgrade
SAPK-604DHINSAPAPPL	12/25/2011	SAP_APPL 604 Upgrade
SAPK-70001INWEBCUIF	12/25/2011	WEBCUIF 700: Support Package 01
SAPK-702DHINSAPBW	12/25/2011	SAP_BW 702 Upgrade
SAPK-701BGINSAPBSFND	12/25/2011	SAP Business Suite Foundation
SAPK-702DHINPIBASIS	12/25/2011	PI_BASIS 702 Upgrade
SAPKB70201	12/25/2011	Basis Support Package 01 for 7.02
SAPK-702DHINSAPABA	12/25/2011	SAP_ABA 702 Upgrade
SAPKW70101	12/25/2011	BW Support Package 01 for 7.01
SAPK-70101INPIBASIS	12/25/2011	PI_BASIS Support Package 01 for 7.01
SAPK-702DHINSAPBASIS	12/25/2011	SAP_BASIS 702 Upgrade
SAPKA70101	12/25/2011	ABA Support Package 01 for 7.01
SAPK-700IHINWEBCUIF	12/25/2011	WEBCUIF 700 Installation
SAPK-701DHINSAPBW	12/25/2011	SAP_BW 701 Upgrade
SAPK-701DHINPIBASIS	12/25/2011	PI_BASIS 701 Upgrade
SAPKB70101	12/25/2011	Basis Support Package 01 for 7.01
SAPK-701DHINSAPABA	12/25/2011	SAP_ABA 701 Upgrade
SAPK-603DHINISUT	12/25/2011	IS-UT 603 Upgrade
SAPK-603DHINISPSCA	12/25/2011	IS-PS-CA 603 Upgrade
SAPK-603DHINISM	12/25/2011	IS-M 603 Upgrade
SAPK-603DHININSURANC	12/25/2011	INSURANCE 603 Upgrade

SAPK-603DHINFICA	12/25/2011	FI-CA 603 Upgrade
SAPK-603DHINECCDIMP	12/25/2011	ECC-DIMP 603 Upgrade
SAPK-603DHINEARETAIL	12/25/2011	EA-RETAIL 603 Upgrade
SAPK-603DHINEAPS	12/25/2011	EA-PS 603 Upgrade
SAPK-603DHINEAHR	12/25/2011	EA-HR 603 Upgrade
SAPK-603DHINEAGLTRAD	12/25/2011	EA-GLTRADE 603 Upgrade
SAPK-603DHINEAFINSRV	12/25/2011	EA-FINSERV 603 Upgrade
SAPK-603DHINEAAPPL	12/25/2011	EA-APPL 603 Upgrade
SAPKGEI05A	12/25/2011	SAP iPPE
SAPK-603DHINSAPAPPL	12/25/2011	SAP_APPL 603 Upgrade
SAPKITLQI6	12/25/2011	ST-PI 2005_1_700: Patch 0006
SAPK-701DHINSAPBASIS	12/25/2011	SAP_BASIS 701 Upgrade
IS-UT=====605	12/24/2011	Attribute Change Package 01 for IS-UT 605
IS-UT=====604	12/24/2011	Attribute Change Package 05 for IS-UT 604
IS-UT=====603	12/24/2011	Attribute Change Package 09 for IS-UT 603
IS-CWM=====605	12/24/2011	Attribute Change Package 04 for IS-CWM 605
INSURANCE=604	12/24/2011	Attribute Change Package 03 for INSURANCE 604
INSURANCE=603	12/24/2011	Attribute Change Package 04 for INSURANCE 603
EA-RETAIL=604	12/24/2011	Attribute Change Package 03 for EA-RETAIL 604
EA-RETAIL=603	12/24/2011	Attribute Change Package 03 for EA-RETAIL 603
EA-PS=====604	12/24/2011	Attribute Change Package 03 for EA-PS 604
EA-PS=====603	12/24/2011	Attribute Change Package 04 for EA-PS 603
EA-IPPE====404	12/24/2011	Attribute Change Package 01 for EA-IPPE 404
EA-GLTRADE605	12/24/2011	Attribute Change Package 02 for EA-GLTRADE 605
EA-GLTRADE604	12/24/2011	Attribute Change Package 03 for EA-GLTRADE 604
EA-GLTRADE603	12/24/2011	Attribute Change Package 03 for EA-GLTRADE 603
EA-FINSERV604	12/24/2011	Attribute Change Package 03 for EA-FINSERV 604
EA-FINSERV603	12/24/2011	Attribute Change Package 04 for EA-FINSERV 603
SAPKW70103	12/24/2011	BW Support Package 03 for 7.01
SAPKW70102	12/24/2011	BW Support Package 02 for 7.01
SAPKITAR7F	12/24/2011	Application Servicetools for ECC 600-605
SAPKD70243	12/24/2011	SPAM/SAINT Update - Version 702/0043
SAPKA70103	12/24/2011	ABA Support Package 03 for 7.01
SAPKA70102	12/24/2011	ABA Support Package 02 for 7.01
SAPK-70103INPIBASIS	12/24/2011	PI_BASIS Support Package 03 for 7.01
SAPK-70102INPIBASIS	12/24/2011	PI_BASIS Support Package 02 for 7.01
SAP_APPL==604	12/24/2011	Attribute Change Package 15 for SAP_APPL 604
SAP_APPL==603	12/24/2011	Attribute Change Package 07 for SAP_APPL 603
WEBCUIF===701	12/24/2011	Attribute Change Package 01 for WEBCUIF 701
SAP_BASIS=701	12/24/2011	Attribute Change Package 06 for SAP_BASIS 701
SAP_APPL==605	12/24/2011	Attribute Change Package 01 for SAP_APPL 605
SAPKITAR7G	12/22/2011	Application Servicetools for ECC 600
SAPKD70043	12/22/2011	SPAM/SAINT Update - Version 700/0043
SAPKGPHD63	12/22/2011	SP 63 for EA-HR 6.00
SAPKE60063	12/22/2011	SP 63 for SAP_HR 6.00
SAPKGPHD62	12/22/2011	SP 62 for EA-HR 6.00
SAPKE60062	12/22/2011	SP 62 for SAP_HR 6.00
SAPKGPHD61	12/22/2011	SP 61 for EA-HR 6.00
SAPKE60061	12/22/2011	SP 61 for SAP_HR 6.00

SAPKGPHD60	12/22/2011	SP 60 for EA-HR 6.00
SAPKE60060	12/22/2011	SP 60 for SAP_HR 6.00
SAPKGPHD59	12/22/2011	SP 59 for EA-HR 6.00
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SAPKGPHD58	12/22/2011	SP 58 for EA-HR 6.00
SAPKE60058	12/22/2011	SP 58 for SAP_HR 6.00
SAPKGPHD57	12/22/2011	SP 57 for EA-HR 6.00
SAPKE60057	12/22/2011	SP 57 for SAP_HR 6.00
SAPKGPHD56	12/22/2011	SP 56 for EA-HR 6.00
SAPKE60056	12/22/2011	SP 56 for SAP_HR 6.00
SAPKGPHD55	12/22/2011	SP 55 for EA-HR 6.00
SAPKE60055	12/22/2011	SP 55 for SAP_HR 6.00
SAPKGPHD54	12/22/2011	SP 54 for EA-HR 6.00
SAPKE60054	12/22/2011	SP 54 for SAP_HR 6.00
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SAPKGPHD47	12/22/2011	SP 47 for EA-HR 6.00
SAPKE60047	12/22/2011	SP 47 for SAP_HR 6.00
SAPKGPHD46	12/22/2011	SP 46 for EA-HR 6.00
SAPKE60046	12/22/2011	SP 46 for SAP_HR 6.00
SAPKGPHD45	12/22/2011	SP 45 for EA-HR 6.00
SAPKE60045	12/22/2011	SP 45 for SAP_HR 6.00
SAPKGPHD44	12/22/2011	SP 44 for EA-HR 6.00
SAPKE60044	12/22/2011	SP 44 for SAP_HR 6.00
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SAPKE60042	12/22/2011	SP 42 for SAP_HR 6.00
SAPKGPHD41	12/22/2011	SP 41 for EA-HR 6.00
SAPKE60041	12/22/2011	SP 41 for SAP_HR 6.00
SAPKGPHD40	12/22/2011	SP 40 for EA-HR 6.00
SAPKE60040	12/22/2011	SP 40 for SAP_HR 6.00
SAPKGPHD39	12/22/2011	SP 39 for EA-HR 6.00
SAPKE60039	12/22/2011	SP 39 for SAP_HR 6.00
SAPKGPHD38	12/22/2011	SP 38 for EA-HR 6.00
SAPKE60038	12/22/2011	SP 38 for SAP_HR 6.00
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SAPKGPHD36	12/22/2011	SP 36 for EA-HR 6.00

SAPKE60036	12/22/2011	SP 36 for SAP_HR 6.00
SAPKGPHD35	12/22/2011	SP 35 for EA-HR 6.00
SAPKE60035	12/22/2011	SP 35 for SAP_HR 6.00
SAPKGPHD34	12/22/2011	SP 34 for EA-HR 6.00
SAPKE60034	12/22/2011	SP 34 for SAP_HR 6.00
SAPKGPDD19	12/22/2011	SP 19 for EA-DFPS 6.00
SAPKGPAD19	12/22/2011	SP 19 for EA-APPL 6.00
SAPKGPHD33	12/22/2011	SP 33 for EA-HR 6.00
SAPKGPFD19	12/22/2011	SP 19 for EA-FINSERV 6.00
SAPKGPPD19	12/22/2011	SP 19 for EA-PS 6.00
SAPKGPRD19	12/22/2011	SP 19 for EA-RETAIL 6.00
SAPKGP GD19	12/22/2011	SP 19 for EA-GLTRADE 6.00
SAPKH60019	12/22/2011	SP 19 for SAP_APPL 6.00
SAPKE60033	12/22/2011	SP 33 for SAP_HR 6.00
SAPKNA7022	12/22/2011	SAP_AP 700: Support Package 0022
SAPKGPDD18	12/22/2011	SP 18 for EA-DFPS 6.00
SAPKGPAD18	12/22/2011	SP 18 for EA-APPL 6.00
SAPKGPHD32	12/22/2011	SP 32 for EA-HR 6.00
SAPKGPFD18	12/22/2011	SP 18 for EA-FINSERV 6.00
SAPKGPPD18	12/22/2011	SP 18 for EA-PS 6.00
SAPKGPRD18	12/22/2011	SP 18 for EA-RETAIL 6.00
SAPKGP GD18	12/22/2011	SP 18 for EA-GLTRADE 6.00
SAPKH60018	12/22/2011	SP 18 for SAP_APPL 6.00
SAPKE60032	12/22/2011	SP 32 for SAP_HR 6.00
SAPKNA7021	12/22/2011	SAP_AP 700: Support Package 0021
SAPKGS6019	12/22/2011	SEM-BW Support Package 19 for Release 600
SAPKGPHD31	12/22/2011	SP 31 for EA-HR 6.00
SAPK-60019INFINBASIS	12/22/2011	Financial Basis Support Package 19 for Release 600
SAPKGPID19	12/22/2011	SP 19 for EA-IPPE 4.00
SAPKE60031	12/22/2011	SP 31 for SAP_HR 6.00
SAPKNA7020	12/22/2011	SAP_AP 700: Support Package 0020
SAPKW70025	12/22/2011	BW Support Package 25 for 7.00
SAPKIPYJ7N	12/22/2011	PI_BASIS 2005_1_700: patch 0023
SAPKA70023	12/22/2011	ABA Support Package 23 for 7.00
SAPKB70023	12/22/2011	Basis Support Package 23 for 7.00
SAPKGS6018	12/22/2011	SEM-BW Support Package 18 for Release 600
SAPK-60019INLSOFE	12/22/2011	LSOFE 600: Support Package 0019
SAPK-60019INERECRUIT	12/22/2011	ERECRUIT 600: Support Package 0019
SAPKGPDD17	12/22/2011	SP 17 for EA-DFPS 6.00
SAPKGPAD17	12/22/2011	SP 17 for EA-APPL 6.00
SAPKGPHD30	12/22/2011	SP 30 for EA-HR 6.00
SAPKGPFD17	12/22/2011	SP 17 for EA-FINSERV 6.00
SAPK-60018INFINBASIS	12/22/2011	Financial Basis Support Package 18 for Release 600
SAPKGPPD17	12/22/2011	SP 17 for EA-PS 6.00
SAPKGPRD17	12/22/2011	SP 17 for EA-RETAIL 6.00
SAPKGP GD17	12/22/2011	SP 17 for EA-GLTRADE 6.00
SAPKGPID18	12/22/2011	SP 18 for EA-IPPE 4.00
SAPKH60017	12/22/2011	SP 17 for SAP_APPL 6.00
SAPKE60030	12/22/2011	SP 30 for SAP_HR 6.00

SAPKNA7019	12/22/2011	SAP_AP 700: Support Package 0019
SAPKW70024	12/22/2011	BW Support Package 24 for 7.00
SAPKIPYJ7M	12/22/2011	PI_BASIS 2005_1_700: patch 0022
SAPKA70022	12/22/2011	ABA Support Package 22 for 7.00
SAPKB70022	12/22/2011	Basis Support Package 22 for 7.00
SAPKGS6017	12/22/2011	SEM-BW Support Package 17 for Release 600
SAPK-60018INLSOFE	12/22/2011	LSOFE 600: Support Package 0018
SAPK-60018INERECRUIT	12/22/2011	ERECRUIT 600: Support Package 0018
SAPKGPDD29	12/22/2011	SP 29 for EA-HR 6.00
SAPK-60017INFINBASIS	12/22/2011	Financial Basis Support Package 17 for Release 600
SAPKGPID17	12/22/2011	SP 17 for EA-IPPE 4.00
SAPKE60029	12/22/2011	SP 29 for SAP_HR 6.00
SAPKNA7018	12/22/2011	SAP_AP 700: Support Package 0018
SAPKW70023	12/22/2011	BW Support Package 23 for 7.00
SAPKIPYJ7L	12/22/2011	PI_BASIS 2005_1_700: patch 0021
SAPKA70021	12/22/2011	ABA Support Package 21 for 7.00
SAPKB70021	12/22/2011	Basis Support Package 21 for 7.00
SAPK-60017INLSOFE	12/22/2011	LSOFE 600: Support Package 0017
SAPK-60017INERECRUIT	12/22/2011	ERECRUIT 600: Support Package 0017
SAPKGPDD16	12/22/2011	SP 16 for EA-DFPS 6.00
SAPKGPAD16	12/22/2011	SP 16 for EA-APPL 6.00
SAPKGPDD28	12/22/2011	SP 28 for EA-HR 6.00
SAPKGPFD16	12/22/2011	SP 16 for EA-FINSERV 6.00
SAPKGPDD16	12/22/2011	SP 16 for EA-PS 6.00
SAPKGPDD16	12/22/2011	SP 16 for EA-RETAIL 6.00
SAPKGPDD16	12/22/2011	SP 16 for EA-GLTRADE 6.00
SAPKH60016	12/22/2011	SP 16 for SAP_APPL 6.00
SAPKE60028	12/22/2011	SP 28 for SAP_HR 6.00
SAPKNA7017	12/22/2011	SAP_AP 700: Support Package 0017
SAPKW70022	12/22/2011	BW Support Package 22 for 7.00
SAPKIPYJ7K	12/22/2011	PI_BASIS 2005_1_700: patch 0020
SAPKA70020	12/22/2011	ABA Support Package 20 for 7.00
SAPKB70020	12/22/2011	Basis Support Package 20 for 7.00
SAPKGS6016	12/22/2011	SEM-BW Support Package 16 for Release 600
SAPK-60016INLSOFE	12/22/2011	LSOFE 600: Support Package 0016
SAPK-60016INERECRUIT	12/22/2011	ERECRUIT 600: Support Package 0016
SAPKGPDD27	12/22/2011	SP 27 for EA-HR 6.00
SAPK-60016INFINBASIS	12/22/2011	Financial Basis Support Package 16 for Release 600
SAPKGPID16	12/22/2011	SP 16 for EA-IPPE 4.00
SAPKE60027	12/22/2011	SP 27 for SAP_HR 6.00
SAPKNA7016	12/22/2011	SAP_AP 700: Support Package 0016
SAPKW70021	12/22/2011	BW Support Package 21 for 7.00
SAPKIPYJ7J	12/22/2011	PI_BASIS 2005_1_700: patch 0019
SAPKA70019	12/22/2011	ABA Support Package 19 for 7.00
SAPKB70019	12/22/2011	Basis Support Package 19 for 7.00
SAPKGS6015	12/22/2011	SEM-BW Support Package 15 for Release 600
SAPK-60015INLSOFE	12/22/2011	LSOFE 600: Support Package 0015
SAPK-60015INERECRUIT	12/22/2011	ERECRUIT 600: Support Package 0015
SAPKGPDD15	12/22/2011	SP 15 for EA-DFPS 6.00

SAPKGPAD15	12/22/2011	SP 15 for EA-APPL 6.00
SAPKGPHD26	12/22/2011	SP 26 for EA-HR 6.00
SAPKGPFD15	12/22/2011	SP 15 for EA-FINSERV 6.00
SAPK-60015INFINBASIS	12/22/2011	Financial Basis Support Package 15 for Release 600
SAPKGPPD15	12/22/2011	SP 15 for EA-PS 6.00
SAPKGPRD15	12/22/2011	SP 15 for EA-RETAIL 6.00
SAPKGPGD15	12/22/2011	SP 15 for EA-GLTRADE 6.00
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SAPKH60015	12/22/2011	SP 15 for SAP_APPL 6.00
SAPKE60026	12/22/2011	SP 26 for SAP_HR 6.00
SAPKNA7015	12/22/2011	SAP_AP 700: Support Package 0015
SAPKW70020	12/22/2011	BW Support Package 20 for 7.00
SAPKIPYJ7I	12/22/2011	PI_BASIS 2005_1_700: patch 0018
SAPKA70018	12/22/2011	ABA Support Package 18 for 7.00
SAPKB70018	12/22/2011	Basis Support Package 18 for 7.00
SAPKGS6014	12/22/2011	SEM-BW Support Package 14 for Release 600
SAPK-60014INLSOFE	12/22/2011	LSOFE 600: patch 0014
SAPK-60014INERECRUIT	12/22/2011	ERECRUIT 600: Support Package 0014
SAPKGPDD14	12/22/2011	SP 14 for EA-DFPS 6.00
SAPKGPAD14	12/22/2011	SP 14 for EA-APPL 6.00
SAPKGPHD25	12/22/2011	SP 25 for EA-HR 6.00
SAPKGPFD14	12/22/2011	SP 14 for EA-FINSERV 6.00
SAPK-60014INFINBASIS	12/22/2011	Financial Basis Support Package 14 for Release 600
SAPKGPPD14	12/22/2011	SP 14 for EA-PS 6.00
SAPKGPRD14	12/22/2011	SP 14 for EA-RETAIL 6.00
SAPKGPGD14	12/22/2011	SP 14 for EA-GLTRADE 6.00
SAPKGPID14	12/22/2011	SP 14 for EA-IPPE 4.00
SAPKH60014	12/22/2011	SP 14 for SAP_APPL 6.00
SAPKE60025	12/22/2011	SP 25 for SAP_HR 6.00
SAPKNA7014	12/22/2011	SAP_AP 700: Support Package 0014
SAPKW70019	12/22/2011	BW Support Package 19 for 7.00
SAPKIPYJ7H	12/22/2011	PI_BASIS 2005_1_700: patch 0017
SAPKA70017	12/22/2011	ABA Support Package 17 for 7.00
SAPKB70017	12/22/2011	Basis Support Package 17 for 7.00
SAPKGS6013	12/22/2011	SEM-BW Support Package 13 for Release 600
SAPK-60013INLSOFE	12/22/2011	LSOFE 600: patch 0013
SAPK-60013INERECRUIT	12/22/2011	ERECRUIT 600: patch 0013
SAPKGPDD13	12/22/2011	SP 13 for EA-DFPS 6.00
SAPKGPAD13	12/22/2011	SP 13 for EA-APPL 6.00
SAPKGPHD24	12/22/2011	SP 24 for EA-HR 6.00
SAPKGPFD13	12/22/2011	SP 13 for EA-FINSERV 6.00
SAPK-60013INFINBASIS	12/22/2011	Financial Basis Support Package 13 for Release 600
SAPKGPPD13	12/22/2011	SP 13 for EA-PS 6.00
SAPKGPRD13	12/22/2011	SP 13 for EA-RETAIL 6.00
SAPKGPGD13	12/22/2011	SP 13 for EA-GLTRADE 6.00
SAPKGPID13	12/22/2011	SP 13 for EA-IPPE 4.00
SAPKH60013	12/22/2011	SP 13 for SAP_APPL 6.00
SAPKE60024	12/22/2011	SP 24 for SAP_HR 6.00
SAPKNA7013	12/22/2011	SAP_AP 700: Support Package 0013

SAPKW70018	12/22/2011	BW Support Package 18 for 7.00
SAPKIPYJ7G	12/22/2011	PI_BASIS 2005_1_700: patch 0016
SAPKA70016	12/22/2011	ABA Support Package 16 for 7.00
SAPKB70016	12/22/2011	Basis Support Package 16 for 7.00
SAPKGS6012	12/22/2011	SEM-BW Support Package 12 for Release 600
SAPK-60012INLSOFE	12/22/2011	LSOFE 600: patch 0012
SAPK-60012INERECRUIT	12/22/2011	ERECRUIT 600: patch 0012
SAPKGPDD12	12/22/2011	SP 12 for EA-DFPS 6.00
SAPKGPAD12	12/22/2011	SP 12 for EA-APPL 6.00
SAPKGPHD23	12/22/2011	SP 23 for EA-HR 6.00
SAPKGPFD12	12/22/2011	SP 12 for EA-FINSERV 6.00
SAPK-60012INFINBASIS	12/22/2011	Financial Basis Support Package 12 for Release 600
SAPKGPPD12	12/22/2011	SP 12 for EA-PS 6.00
SAPKGPRD12	12/22/2011	SP 12 for EA-RETAIL 6.00
SAPKGGD12	12/22/2011	SP 12 for EA-GLTRADE 6.00
SAPKGPID12	12/22/2011	SP 12 for EA-IPPE 4.00
SAPKH60012	12/22/2011	SP 12 for SAP_APPL 6.00
SAPKE60023	12/22/2011	SP 23 for SAP_HR 6.00
SAPKNA7012	12/22/2011	SAP_AP 700: Support Package 0012
SAPKW70017	12/22/2011	BW Support Package 17 for 7.00
SAPKIPYJ7F	12/22/2011	PI_BASIS 2005_1_700: patch 0015
SAPKA70015	12/22/2011	ABA Support Package 15 for 7.00
SAPKB70015	12/22/2011	Basis Support Package 15 for 7.00
FINBASIS==605	12/22/2011	Attribute Change Package 04 for FINBASIS 605
FI-CA=====605	12/22/2011	Attribute Change Package 01 for FI-CA 605
FI-CA=====604	12/22/2011	Attribute Change Package 03 for FI-CA 604
FI-CA=====603	12/22/2011	Attribute Change Package 04 for FI-CA 603
ECC-DIMP==605	12/22/2011	Attribute Change Package 01 for ECC-DIMP 605
ECC-DIMP==604	12/22/2011	Attribute Change Package 05 for ECC-DIMP 604
ECC-DIMP==603	12/22/2011	Attribute Change Package 03 for ECC-DIMP 603
EA-HR=====605	12/22/2011	Attribute Change Package 05 for EA-HR 605
EA-HR=====604	12/22/2011	Attribute Change Package 01 for EA-HR 604
EA-HR=====603	12/22/2011	Attribute Change Package 03 for EA-HR 603
EA-APPL===605	12/22/2011	Attribute Change Package 01 for EA-APPL 605
EA-APPL===604	12/22/2011	Attribute Change Package 05 for EA-APPL 604
EA-APPL===603	12/22/2011	Attribute Change Package 06 for EA-APPL 603
IS-PS-CA==604	12/22/2011	Attribute Change Package 03 for IS-PS-CA 604
IS-PS-CA==603	12/22/2011	Attribute Change Package 04 for IS-PS-CA 603
IS-M=====604	12/22/2011	Attribute Change Package 03 for IS-M 604
IS-M=====603	12/22/2011	Attribute Change Package 05 for IS-M 603
PLMWUI====701	12/22/2011	Attribute Change Package 01 for PLMWUI 701
SAPKB70103	12/22/2011	Basis Support Package 03 for 7.01
SAPKB70102	12/22/2011	Basis Support Package 02 for 7.01
SAP_HR====604	12/22/2011	Attribute Change Package 07 for SAP_HR 604
SAP_BS_FND702	12/22/2011	Attribute Change Package 01 for SAP_BS_FND 702
SAP_BASIS=702	12/22/2011	Attribute Change Package 03 for SAP_BASIS 702
SEM-BW====605	12/22/2011	Attribute Change Package 07 for SEM-BW 605
ST-A/PI===01N_700ECC	12/22/2011	Attribute Change Package 01 for ST-A/PI 01N_700ECC

SAPKLESM10	12/22/2011	Language ECC 6.00 SR3	ES 31.01.2008
SAPKLPTM10	12/22/2011	Language ECC 6.00 SR3	PT 31.01.2008
SAPKLITM10	12/22/2011	Language ECC 6.00 SR3	IT 31.01.2008
SAPKLFM10	12/22/2011	Language ECC 6.00 SR3	FR 30.01.2008
SAPKLENMX0	12/22/2011	Language ECC 6.00 SR3	EN 14.03.2008
SAPKLDEM0	12/22/2011	Language ECC 6.00 SR3	DE 14.03.2008
SAPKITAR1G	5/19/2011	Application Servicetools for R/3 40B	
SAPKITAR1E	6/2/2010	Application Servicetools for R/3 40B	
SAPKITAR1D	10/19/2009	Application Servicetools for R/3 40B	
SAPKITAR1C	5/12/2008	Application Servicetools for R/3 40B	
SAPKW70016	12/17/2007	BW Support Package 16 for 7.00	
SAPKIPYJ7E	12/17/2007	PI_BASIS 2005_1_700: patch 0014	
SAPKA70014	12/17/2007	ABA Support Package 14 for 7.00	
SAPKB70014	12/17/2007	Basis Support Package 14 for 7.00	
SAPK-60011INLSOFE	11/19/2007	LSOFE 600: patch 0011	
SAPK-60011INISUT	11/19/2007	SP 11 for IS-UT 6.00	
SAPK-60011INISPSCA	11/19/2007	SP 11 for IS-PS-CA 6.00	
SAPK-60011INISOIL	11/19/2007	SP 11 for IS-OIL 6.00	
SAPK-60011INISM	11/19/2007	SP 11 for IS-M 6.00	
SAPK-60012INISH	11/19/2007	SP 12 for IS-H 6.00	
SAPK-60011INISH	11/19/2007	SP 11 for IS-H 6.00	
SAPK-60011INISCWM	11/19/2007	SP 11 for IS-CWM 6.00	
SAPKGS6011	11/19/2007	SEM-BW Support Package 11 for Release 600	
SAPK-60011ININSURANC	11/19/2007	SP 11 for INSURANCE 6.00	
SAPK-60011INFICAX	11/19/2007	SP 11 for FI-CAX 6.00	
SAPK-60011INFICA	11/19/2007	SP 11 for FI-CA 6.00	
SAPK-60011INERECRUIT	11/19/2007	ERECRUIT 600: patch 0011	
SAPK-60011INECCDIMP	11/19/2007	SP 11 for ECC-DIMP 6.00	
SAPKGP11	11/19/2007	SP 11 for EA-RETAIL 6.00	
SAPKGP11	11/19/2007	SP 11 for EA-GLTRADE 6.00	
SAPKGP11	11/19/2007	SP 11 for EA-PS 6.00	
SAPK-60011INFINBASIS	11/19/2007	Financial Basis Support Package 11 for Release 600	
SAPKGP11	11/19/2007	SP 11 for EA-FINSERV 6.00	
SAPKGP11	11/19/2007	SP 22 for EA-HR 6.00	
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SAPKGP11	11/19/2007	SP 19 for EA-HR 6.00	
SAPKGP11	11/19/2007	SP 11 for EA-DFPS 6.00	
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SAPKE60021	11/19/2007	SP 21 for SAP_HR 6.00	
SAPKE60020	11/19/2007	SP 20 for SAP_HR 6.00	
SAPKE60019	11/19/2007	SP 19 for SAP_HR 6.00	
SAPKNA7011	11/19/2007	SAP_AP 700: Support Package 0011	
SAPKNA7010	11/19/2007	SAP_AP 700: Support Package 0010	
SAPKW70015	8/31/2007	BW Support Package 15 for 7.00	

SAPKW70014	8/31/2007	BW Support Package 14 for 7.00
SAPKIPYJ7D	8/31/2007	PI_BASIS 2005_1_700: patch 0013
SAPKA70013	8/31/2007	ABA Support Package 13 for 7.00
SAPKB70013	8/31/2007	Basis Support Package 13 for 7.00
SAPK-60010INISH	8/29/2007	SP 10 for IS-H 6.00
SAPK-60009INISH	8/29/2007	SP 09 for IS-H 6.00
SAPK-60008INISH	8/29/2007	SP 08 for IS-H 6.00
SAPK-60007INISH	8/29/2007	SP 07 for IS-H 6.00
SAPK-60010INISM	8/29/2007	SP 10 for IS-M 6.00
SAPK-60009INISM	8/29/2007	SP 09 for IS-M 6.00
SAPK-60008INISM	8/29/2007	SP 08 for IS-M 6.00
SAPK-60007INISM	8/29/2007	SP 07 for IS-M 6.00
SAPK-60010INISOIL	8/29/2007	SP 10 for IS-OIL 6.00
SAPK-60009INISOIL	8/29/2007	SP 09 for IS-OIL 6.00
SAPK-60008INISOIL	8/29/2007	SP 08 for IS-OIL 6.00
SAPK-60007INISOIL	8/29/2007	SP 07 for IS-OIL 6.00
SAPK-60010INISPSCA	8/29/2007	SP 10 for IS-PS-CA 6.00
SAPK-60009INISPSCA	8/29/2007	SP 09 for IS-PS-CA 6.00
SAPK-60008INISPSCA	8/29/2007	SP 08 for IS-PS-CA 6.00
SAPK-60007INISPSCA	8/29/2007	SP 07 for IS-PS-CA 6.00
SAPK-60010INISCWM	8/29/2007	SP 10 for IS-CWM 6.00
SAPK-60009INISCWM	8/29/2007	SP 09 for IS-CWM 6.00
SAPK-60008INISCWM	8/29/2007	SP 08 for IS-CWM 6.00
SAPK-60007INISCWM	8/29/2007	SP 07 for IS-CWM 6.00
SAPK-60010INISUT	8/29/2007	SP 10 for IS-UT 6.00
SAPK-60009INISUT	8/29/2007	SP 09 for IS-UT 6.00
SAPK-60008INISUT	8/29/2007	SP 08 for IS-UT 6.00
SAPK-60007INISUT	8/29/2007	SP 07 for IS-UT 6.00
SAPK-60010INLSOFE	8/29/2007	LSOFE 600: patch 0010
SAPK-60009INLSOFE	8/29/2007	LSOFE 600: patch 0009
SAPK-60008INLSOFE	8/29/2007	LSOFE 600: patch 0008
SAPK-60007INLSOFE	8/29/2007	LSOFE 600: patch 0007
SAPK-60010ININSURANC	8/29/2007	SP 10 for INSURANCE 6.00
SAPK-60009ININSURANC	8/29/2007	SP 09 for INSURANCE 6.00
SAPK-60008ININSURANC	8/29/2007	SP 08 for INSURANCE 6.00
SAPK-60007ININSURANC	8/29/2007	SP 07 for INSURANCE 6.00
SAPK-60010INFICAX	8/29/2007	SP 10 for FI-CAX 6.00
SAPK-60009INFICAX	8/29/2007	SP 09 for FI-CAX 6.00
SAPK-60008INFICAX	8/29/2007	SP 08 for FI-CAX 6.00
SAPK-60007INFICAX	8/29/2007	SP 07 for FI-CAX 6.00
SAPK-60010INFICA	8/29/2007	SP 10 for FI-CA 6.00
SAPK-60009INFICA	8/29/2007	SP 09 for FI-CA 6.00
SAPK-60008INFICA	8/29/2007	SP 08 for FI-CA 6.00
SAPK-60007INFICA	8/29/2007	SP 07 for FI-CA 6.00
SAPK-60010INERECRUIT	8/29/2007	ERECRUIT 600: patch 0010
SAPK-60009INERECRUIT	8/29/2007	ERECRUIT 600: patch 0009
SAPK-60008INERECRUIT	8/29/2007	ERECRUIT 600: patch 0008
SAPK-60007INERECRUIT	8/29/2007	ERECRUIT 600: patch 0007
SAPKGPHD18	8/29/2007	SP 18 for EA-HR 6.00

SAPKGPHD17	8/29/2007	SP 17 for EA-HR 6.00
SAPKGPHD16	8/29/2007	SP 16 for EA-HR 6.00
SAPKGPHD15	8/29/2007	SP 15 for EA-HR 6.00
SAPKGPHD14	8/29/2007	SP 14 for EA-HR 6.00
SAPKGPHD13	8/29/2007	SP 13 for EA-HR 6.00
SAPKGPHD12	8/29/2007	SP 12 for EA-HR 6.00
SAPKGPHD11	8/29/2007	SP 11 for EA-HR 6.00
SAPKGPHD10	8/29/2007	SP 10 for EA-HR 6.00
SAPKGPHD09	8/29/2007	SP 09 for EA-HR 6.00
SAPKGPHD08	8/29/2007	SP 08 for EA-HR 6.00
SAPKGPGD10	8/29/2007	SP 10 for EA-GLTRADE 6.00
SAPKGPGD09	8/29/2007	SP 09 for EA-GLTRADE 6.00
SAPKGPGD08	8/29/2007	SP 08 for EA-GLTRADE 6.00
SAPKGPGD07	8/29/2007	SP 07 for EA-GLTRADE 6.00
SAPKGPFD10	8/29/2007	SP 10 for EA-FINSERV 6.00
SAPKGPFD09	8/29/2007	SP 09 for EA-FINSERV 6.00
SAPKGPFD08	8/29/2007	SP 08 for EA-FINSERV 6.00
SAPKGPFD07	8/29/2007	SP 07 for EA-FINSERV 6.00
SAPKGPDD10	8/29/2007	SP 10 for EA-DFPS 6.00
SAPKGPDD09	8/29/2007	SP 09 for EA-DFPS 6.00
SAPKGPDD08	8/29/2007	SP 08 for EA-DFPS 6.00
SAPKGPDD07	8/29/2007	SP 07 for EA-DFPS 6.00
SAPKGPPD10	8/29/2007	SP 10 for EA-PS 6.00
SAPKGPPD09	8/29/2007	SP 09 for EA-PS 6.00
SAPKGPPD08	8/29/2007	SP 08 for EA-PS 6.00
SAPKGPPD07	8/29/2007	SP 07 for EA-PS 6.00
SAPKGPRD10	8/29/2007	SP 10 for EA-RETAIL 6.00
SAPKGPRD09	8/29/2007	SP 09 for EA-RETAIL 6.00
SAPKGPRD08	8/29/2007	SP 08 for EA-RETAIL 6.00
SAPKGPRD07	8/29/2007	SP 07 for EA-RETAIL 6.00
SAPKGS6010	8/28/2007	SEM-BW Support Package 10 for Release 600
SAPKGS6009	8/28/2007	SEM-BW Support Package 09 for Release 600
SAPKGS6008	8/28/2007	SEM-BW Support Package 08 for Release 600
SAPKGS6007	8/28/2007	SEM-BW Support Package 07 for Release 600
SAPK-60010INFINBASIS	8/28/2007	Financial Basis Support Package 10 for Release 600
SAPK-60009INFINBASIS	8/28/2007	Financial Basis Support Package 09 for Release 600
SAPK-60008INFINBASIS	8/28/2007	Financial Basis Support Package 08 for Release 600
SAPK-60007INFINBASIS	8/28/2007	Financial Basis Support Package 07 for Release 600
SAPK-60010INECCDIMP	8/28/2007	SP 10 for ECC-DIMP 6.00
SAPKGPAD10	8/28/2007	SP 10 for EA-APPL 6.00
SAPKGPID10	8/28/2007	SP 10 for EA-IPPE 4.00
SAPK-60009INECCDIMP	8/28/2007	SP 09 for ECC-DIMP 6.00
SAPKGPAD09	8/28/2007	SP 09 for EA-APPL 6.00
SAPKGPID09	8/28/2007	SP 09 for EA-IPPE 4.00
SAPK-60008INECCDIMP	8/28/2007	SP 08 for ECC-DIMP 6.00
SAPKGPAD08	8/28/2007	SP 08 for EA-APPL 6.00
SAPKGPID08	8/28/2007	SP 08 for EA-IPPE 4.00
SAPK-60007INECCDIMP	8/28/2007	SP 07 for ECC-DIMP 6.00
SAPKGPAD07	8/28/2007	SP 07 for EA-APPL 6.00

SAPKGPID07	8/28/2007	SP 07 for EA-IPPE 4.00
SAPKH60010	8/28/2007	SP 10 for SAP_APPL 6.00
SAPKH60009	8/28/2007	SP 09 for SAP_APPL 6.00
SAPKH60008	8/28/2007	SP 08 for SAP_APPL 6.00
SAPKH60007	8/28/2007	SP 07 for SAP_APPL 6.00
SAPKE60018	8/28/2007	SP 18 for SAP_HR 6.00
SAPKE60017	8/28/2007	SP 17 for SAP_HR 6.00
SAPKE60016	8/28/2007	SP 16 for SAP_HR 6.00
SAPKE60015	8/28/2007	SP 15 for SAP_HR 6.00
SAPKE60014	8/28/2007	SP 14 for SAP_HR 6.00
SAPKE60013	8/28/2007	SP 13 for SAP_HR 6.00
SAPKE60012	8/28/2007	SP 12 for SAP_HR 6.00
SAPKE60011	8/28/2007	SP 11 for SAP_HR 6.00
SAPKE60010	8/28/2007	SP 10 for SAP_HR 6.00
SAPKE60009	8/28/2007	SP 09 for SAP_HR 6.00
SAPKE60008	8/28/2007	SP 08 for SAP_HR 6.00
SAPKNA7009	8/28/2007	SAP_AP 700: Support Package 0009
SAPKNA7008	8/28/2007	SAP_AP 700: Support Package 0008
SAPKNA7007	8/28/2007	SAP_AP 700: Support Package 0007
SAPKITLQI4	8/28/2007	ST-PI 2005_1_700: Patch 0004
SAPKITLQI3	8/28/2007	ST-PI 2005_1_700: Patch 0003
SAPKW70013	8/28/2007	BW Support Package 13 for 7.00
SAPKW70012	8/28/2007	BW Support Package 12 for 7.00
SAPKW70011	8/28/2007	BW Support Package 11 for 7.00
SAPKW70010	8/28/2007	BW Support Package 10 for 7.00
SAPKIPYJ7C	8/28/2007	PI_BASIS 2005_1_700: patch 0012
SAPKIPYJ7B	8/28/2007	PI_BASIS 2005_1_700: patch 0011
SAPKIPYJ7A	8/28/2007	PI_BASIS 2005_1_700: patch 0010
SAPKA70012	8/28/2007	ABA Support Package 12 for 7.00
SAPKA70011	8/28/2007	ABA Support Package 11 for 7.00
SAPKA70010	8/28/2007	ABA Support Package 10 for 7.00
SAPKB70012	8/28/2007	Basis Support Package 12 for 7.00
SAPKB70011	8/28/2007	Basis Support Package 11 for 7.00
SAPKB70010	8/28/2007	Basis Support Package 10 for 7.00
SAPKITAR1B	8/20/2007	Application Servicetools for R/3 40B
SAPKITAR1A	12/18/2006	Application Servicetools for R/3 40B
SAPKGPHD07	9/21/2006	SP 07 for EA-HR 6.00
SAPK-60006INISUT	9/20/2006	SP 06 for IS-UT 6.00
SAPK-60006INECCDIMP	9/20/2006	SP 06 for ECC-DIMP 6.00
SAPK-60006INISCWM	9/20/2006	SP 06 for IS-CWM 6.00
SAPK-60006INISPSCA	9/20/2006	SP 06 for IS-PS-CA 6.00
SAPK-60006INISOIL	9/20/2006	SP 06 for IS-OIL 6.00
SAPK-60006INISM	9/20/2006	SP 06 for IS-M 6.00
SAPK-60006INISH	9/20/2006	SP 06 for IS-H 6.00
SAPK-60006ININSURANC	9/20/2006	SP 06 for INSURANCE 6.00
SAPK-60006INFICAX	9/20/2006	SP 06 for FI-CAX 6.00
SAPK-60006INFICA	9/20/2006	SP 06 for FI-CA 6.00
SAPKGS6006	9/20/2006	SEM-BW Support Package 06 for Release 600
SAPK-60006INLSOFE	9/20/2006	LSOFE 600: patch 0006

SAPK-60006INERECRUIT	9/20/2006	ERECRUIT 600: patch 0006
SAPKGPAD06	9/20/2006	SP 06 for EA-APPL 6.00
SAPKGPDD06	9/20/2006	SP 06 for EA-DFPS 6.00
SAPKGPF06	9/20/2006	SP 06 for EA-FINSERV 6.00
SAPKPGD06	9/20/2006	SP 06 for EA-GLTRADE 6.00
SAPKGPHD06	9/20/2006	SP 06 for EA-HR 6.00
SAPKGPPD06	9/20/2006	SP 06 for EA-PS 6.00
SAPKGPRD06	9/20/2006	SP 06 for EA-RETAIL 6.00
SAPK-60006INFINBASIS	9/20/2006	Financial Basis Support Package 06 for Release 600
SAPKGPID06	9/20/2006	SP 06 for EA-IPPE 4.00
SAPKH60006	9/20/2006	SP 06 for SAP_APPL 6.00
SAPKE60007	8/16/2006	SP 07 for SAP_HR 6.00
SAPKE60006	8/16/2006	SP 06 for SAP_HR 6.00
SAPKNA7006	8/16/2006	SAP_AP 700: Support Package 0006
SAPKITLQI2	8/16/2006	ST-PI 2005_1_700: Patch 0002
SAPKW70009	8/16/2006	BW Support Package 09 for 7.00
SAPKIPYJ79	8/16/2006	PI_BASIS 2005_1_700: patch 0009
SAPKA70009	8/16/2006	ABA Support Package 09 for 7.00
SAPKB70009	8/16/2006	Basis Support Package 09 for 7.00
SAPKGPDD05	7/11/2006	SP 05 for EA-DFPS 6.00
SAPKGPF05	7/11/2006	SP 05 for EA-FINSERV 6.00
SAPKPGD05	7/11/2006	SP 05 for EA-GLTRADE 6.00
SAPKGPPD05	7/11/2006	SP 05 for EA-PS 6.00
SAPKGPRD05	7/11/2006	SP 05 for EA-RETAIL 6.00
SAPK-60005INERECRUIT	7/11/2006	ERECRUIT 600: patch 0005
SAPK-60005INLSOFE	7/11/2006	LSOFE 600: patch 0005
SAPK-60005INISCWM	7/11/2006	SP 05 for IS-CWM 6.00
SAPKGS6005	7/11/2006	SEM-BW Support Package 05 for Release 600
SAPK-60005INFINBASIS	7/11/2006	Financial Basis Support Package 05 for Release 600
SAPK-60005INECCDIMP	7/11/2006	SP 05 for ECC-DIMP 6.00
SAPKGPAD05	7/11/2006	SP 05 for EA-APPL 6.00
SAPKGPID05	7/11/2006	SP 05 for EA-IPPE 4.00
SAPK-60005INFICAX	7/11/2006	SP 05 for FI-CAX 6.00
SAPK-60005ININSURANC	7/11/2006	SP 05 for INSURANCE 6.00
SAPK-60005INISH	7/11/2006	SP 05 for IS-H 6.00
SAPK-60005INISM	7/11/2006	SP 05 for IS-M 6.00
SAPK-60005INISOIL	7/11/2006	SP 05 for IS-OIL 6.00
SAPK-60005INISPSCA	7/11/2006	SP 05 for IS-PS-CA 6.00
SAPK-60005INISUT	7/11/2006	SP 05 for IS-UT 6.00
SAPK-60005INFICA	7/11/2006	SP 05 for FI-CA 6.00
SAPKH60005	7/11/2006	SP 05 for SAP_APPL 6.00
SAPK-60004INISM	7/3/2006	SP 04 for IS-M 6.00
SAPK-60004INISOIL	7/3/2006	SP 04 for IS-OIL 6.00
SAPK-60004INISPSCA	7/3/2006	SP 04 for IS-PS-CA 6.00
SAPK-60004INISCWM	7/3/2006	SP 04 for IS-CWM 6.00
SAPK-60004INISUT	7/3/2006	SP 04 for IS-UT 6.00
SAPK-60004INECCDIMP	7/3/2006	SP 04 for ECC-DIMP 6.00
SAPK-60004INISH	7/3/2006	SP 04 for IS-H 6.00
SAPK-60004ININSURANC	7/3/2006	SP 04 for INSURANCE 6.00

SAPK-60004INFICAX	7/3/2006	SP 04 for FI-CAX 6.00
SAPK-60004INFICA	7/3/2006	SP 04 for FI-CA 6.00
SAPKGS6004	7/3/2006	SEM-BW Support Package 04 for Release 600
SAPK-60004INLSOFE	7/3/2006	LSOFE 600: patch 0004
SAPK-60004INERECRUIT	7/3/2006	ERECRUIT 600: patch 0004
SAPKGPAD04	7/3/2006	SP 04 for EA-APPL 6.00
SAPKGPDD04	7/3/2006	SP 04 for EA-DFPS 6.00
SAPKGPF04	7/3/2006	SP 04 for EA-FINSERV 6.00
SAPKPGD04	7/3/2006	SP 04 for EA-GLTRADE 6.00
SAPKGPHD05	7/3/2006	SP 05 for EA-HR 6.00
SAPKGPHD04	7/3/2006	SP 04 for EA-HR 6.00
SAPKGPPD04	7/3/2006	SP 04 for EA-PS 6.00
SAPKGPRD04	7/3/2006	SP 04 for EA-RETAIL 6.00
SAPK-60004INFINBASIS	7/3/2006	Financial Basis Support Package 04 for Release 600
SAPKGPID04	7/3/2006	SP 04 for EA-IPPE 4.00
SAPKE60005	7/3/2006	SP 05 for SAP_HR 6.00
SAPKE60004	7/3/2006	SP 04 for SAP_HR 6.00
SAPKH60004	7/3/2006	SP 04 for SAP_APPL 6.00
SAPKNA7005	7/3/2006	SAP_AP 700: Support Package 05
SAPKNA7004	7/3/2006	SAP_AP 700: Support Package 04
SAPKW70008	7/3/2006	BW Support Package 08 for 7.00
SAPKW70007	7/3/2006	BW Support Package 07 for 7.00
SAPKIPYJ78	7/3/2006	PI_BASIS 2005_1_700: patch 0008
SAPKIPYJ77	7/3/2006	PI_BASIS 2005_1_700: patch 0007
SAPKA70008	7/3/2006	ABA Support Package 08 for 7.00
SAPKA70007	7/3/2006	ABA Support Package 07 for 7.00
SAPKB70008	7/3/2006	Basis Support Package 08 for 7.00
SAPKB70007	7/3/2006	Basis Support Package 07 for 7.00
SAPKITAR19	6/13/2006	Application Servicetools for R/3 40B
SAPKGPDD03	2/14/2006	SP 03 for EA-DFPS 6.00
SAPKGPF03	2/14/2006	SP 03 for EA-FINSERV 6.00
SAPKPGD03	2/14/2006	SP 03 for EA-GLTRADE 6.00
SAPKGPHD03	2/14/2006	SP 03 for EA-HR 6.00
SAPKE60003	2/14/2006	SP 03 for SAP_HR 6.00
SAPKGPPD03	2/14/2006	SP 03 for EA-PS 6.00
SAPKGPRD03	2/14/2006	SP 03 for EA-RETAIL 6.00
SAPK-60003INERECRUIT	2/14/2006	ERECRUIT 600: patch 0003
SAPK-60003INLSOFE	2/14/2006	LSOFE 600: patch 0003
SAPK-60003INISCWM	2/14/2006	SP 03 for IS-CWM 6.00
SAPKGS6003	2/14/2006	SEM-BW Support Package 03 for Release 600
SAPK-60003INFINBASIS	2/14/2006	Financial Basis Support Package 03 for Release 600
SAPK-60003INECCDIMP	2/14/2006	SP 03 for ECC-DIMP 6.00
SAPKGPAD03	2/14/2006	SP 03 for EA-APPL 6.00
SAPKGPID03	2/14/2006	SP 03 for EA-IPPE 4.00
SAPK-60003INFICAX	2/14/2006	SP 03 for FI-CAX 6.00
SAPK-60003ININSURANC	2/14/2006	SP 03 for INSURANCE 6.00
SAPK-60003INISH	2/14/2006	SP 03 for IS-H 6.00
SAPK-60003INISM	2/14/2006	SP 03 for IS-M 6.00
SAPK-60003INISOIL	2/14/2006	SP 03 for IS-OIL 6.00

SAPK-60003INISPSCA	2/14/2006	SP 03 for IS-PS-CA 6.00
SAPK-60003INISUT	2/14/2006	SP 03 for IS-UT 6.00
SAPK-60003INFICA	2/14/2006	SP 03 for FI-CA 6.00
SAPKH60003	2/14/2006	SP 03 for SAP_APPL 6.00
SAPKNA7003	2/8/2006	SAP_AP 700: Support Package 03
SAPKITLQI1	1/25/2006	ST-PI 2005_1_700: Patch 0001
SAPKW70006	1/25/2006	BW Support Package 06 for 7.00
SAPKIPYJ76	1/25/2006	PI_BASIS 2005_1_700: patch 0006
SAPKA70006	1/25/2006	ABA Support Package 06 for 7.00
SAPKB70006	1/25/2006	Basis Support Package 06 for 7.00
SAPKGPDD02	1/9/2006	SP 02 for EA-DFPS 6.00
SAPKGPFDD02	1/9/2006	SP 02 for EA-FINSERV 6.00
SAPKGPDD02	1/9/2006	SP 02 for EA-GLTRADE 6.00
SAPKGPHD02	1/9/2006	SP 02 for EA-HR 6.00
SAPKGPPD02	1/9/2006	SP 02 for EA-PS 6.00
SAPKGPRD02	1/9/2006	SP 02 for EA-RETAIL 6.00
SAPK-60002INERECRUIT	1/9/2006	ERECRUIT 600: patch 0002
SAPK-60001INERECRUIT	1/9/2006	ERECRUIT 600: patch 0001
SAPK-60002INLSOFE	1/9/2006	LSOFE 600: patch 0002
SAPK-60001INLSOFE	1/9/2006	LSOFE 600: patch 0001
SAPKGS6002	1/9/2006	SEM-BW Support Package 02 for Release 600
SAPKGS6001	1/9/2006	SEM-BW Support Package 01 for Release 600
SAPK-60002INFINBASIS	1/9/2006	Financial Basis Support Package 02 for Release 6.00
SAPK-60001INFINBASIS	1/9/2006	Financial Basis Support Package 01 for Release 600
SAPK-60002INFICAX	1/9/2006	SP 02 for FI-CAX 6.00
SAPK-60002ININSURANC	1/9/2006	SP 02 for INSURANCE 6.00
SAPK-60002INISH	1/9/2006	SP 02 for IS-H 6.00
SAPK-60002INISM	1/9/2006	SP 02 for IS-M 6.00
SAPK-60002INISOIL	1/9/2006	SP 02 for IS-OIL 6.00
SAPK-60002INISPSCA	1/9/2006	SP 02 for IS-PS-CA 6.00
SAPK-60002INISCWM	1/9/2006	SP 02 for IS-CWM 6.00
SAPK-60002INISUT	1/9/2006	SP 02 for IS-UT 6.00
SAPK-60002INFICA	1/9/2006	SP 02 for FI-CA 6.00
SAPK-60002INECCDIMP	1/9/2006	SP 02 for ECC-DIMP 6.00
SAPKGPAD02	1/9/2006	SP 02 for EA-APPL 6.00
SAPKGPID02	1/9/2006	SP 02 for EA-IPPE 4.00
SAPKGPID01	1/9/2006	EA-IPPE 400: patch 0001
SAPKE60002	1/9/2006	SP 02 for SAP_HR 6.00
SAPKH60002	1/5/2006	SP 02 for SAP_APPL 6.00
SAPKH60001	1/5/2006	SP 01 for SAP_APPL 6.00
SAPKNA7002	1/5/2006	SAP_AP 700: Support Package 02
SAPKNA7001	1/5/2006	SAP_AP 700: Support Package 01
SAPKW70005	1/5/2006	BW Support Package 05 for 7.00
SAPKW70004	1/5/2006	BW Support Package 04 for 7.00
SAPKIPYJ75	1/5/2006	PI_BASIS 2005_1_700: patch 0005
SAPKIPYJ74	1/5/2006	PI_BASIS 2005_1_700: patch 0004
SAPKA70005	1/5/2006	ABA Support Package 05 for 7.00
SAPKA70004	1/5/2006	ABA Support Package 04 for 7.00
SAPKB70005	1/5/2006	Basis Support Package 05 for 7.00

SAPKB70004	1/5/2006	Basis Support Package 04 for 7.00
SAPKITAR18	12/12/2005	Application Servicetools for R/3 40B
SAPK-60001INECCDIMP	10/23/2005	SP 01 for ECC-DIMP 600
SAPK-60001INFICA	10/23/2005	SP 01 for FI-CA 600
SAPK-60001INFICAX	10/23/2005	SP 01 for FI-CAX 600
SAPK-60001ININSURANC	10/23/2005	SP 01 for INSURANCE 600
SAPK-60001INISCWM	10/23/2005	SP 01 for IS-CWM 600
SAPK-60001INISH	10/23/2005	SP 01 for IS-H 600
SAPK-60001INISM	10/23/2005	SP 01 for IS-M 600
SAPK-60001INISOIL	10/23/2005	SP 01 for IS-OIL 600
SAPK-60001INISPSCA	10/23/2005	SP 01 for IS-PS-CA 600
SAPK-60001INISUT	10/23/2005	SP 01 for IS-U/T 600
SAPKGPRD01	10/23/2005	SP 01 for EA-RETAIL 600
SAPKE60001	10/23/2005	SP 01 for SAP_HR 600
SAPKGPAD01	10/23/2005	SP 01 for EA-APPL 600
SAPKGPDD01	10/23/2005	SP 01 for EA-DFPS 600
SAPKGPFD01	10/23/2005	SP 01 for EA-FINSERV 600
SAPKPGD01	10/23/2005	SP 01 for EA-GLTRADE 600
SAPKGPHD01	10/23/2005	SP 01 for EA-HR 600
SAPKGPPD01	10/23/2005	SP 01 for EA-PS 600
SAPKITLQA2	8/29/2005	ST-PI 2005_1_40B: patch 0002
SAPKITLQA1	8/29/2005	ST-PI 2005_1_40B: patch 0001
SAPKNA7000	8/25/2005	SAP Application Platform 7.00
SAPKITLQAA	8/25/2005	SAP Solution Tools Plug-In (ST-PI 2005_1_40B)
SAPKITAR17	8/25/2005	Application Servicetools for R/3 40B
SAPKW70003	7/19/2005	BW Support Package 03 for 7.00
SAPKIPYJ73	7/7/2005	PI_BASIS 2005_1_700: patch 0003
SAPKIPYJ72	7/7/2005	PI_BASIS 2005_1_700: patch 0002
SAPKA70003	7/7/2005	ABA Support Package 03 for 7.00
SAPKB70003	7/7/2005	Basis Support Package 03 for 7.00
SAPKITLQIA	7/7/2005	SAP Solution Tools Plug-In (ST-PI 2005_1_700)
SAPKW70002	7/6/2005	BW Support Package 02 for 7.00
SAPKA70002	6/15/2005	ABA Support Package 02 for 7.00
SAPKB70002	6/15/2005	Basis Support Package 02 for 7.00
SAPKW70001	5/20/2005	BW Support Package 01 for 7.00
SAPKIPYJ71	5/20/2005	PI_BASIS 2005_1_700: patch 0001
SAPKA70001	5/19/2005	ABA Support Package 01 for 7.00
SAPKB70001	5/19/2005	Basis Support Package 01 for 7.00
SAPKINBB9A	4/18/2005	Basis Plug-In (PI_BASIS) 2005_1_700
SAPKITLPLA	9/16/2004	SAP Solution Tools Plug-In
SAPKITAR16	9/15/2004	Application Servicetools for R/3 40B
SAPKIPYI61	3/19/2004	PI_BASIS 2004_1_640: patch 0001
SAPKW35001	3/17/2004	BW Support Package 01 for 3.50
SAPKA64001	3/17/2004	ABA Support Package 01 for 6.40
SAPKB64001	3/16/2004	Basis Support Package 01 for 6.40
SAPKGEI03A	3/16/2004	EA-IPPE 300: Add-On Installation
SAPKITLPSA	3/9/2004	SAP Solution Tools Plug-In (ST-PI 003C_640)
SAPKINBA8A	12/16/2003	Basis Plug-In (PI_BASIS) 2004_1_640
SAPKIPZH52	7/14/2003	PI 2003_1_470: patch 0002

SAPKIPYH52	7/14/2003	PI_BASIS 2003_1_620: patch 0002
SAPKGPIB04	7/14/2003	EA-IPPE 200: patch 0004
SAPKE47017	7/14/2003	SP 17 for SAP_HR 4.70
SAPKH47012	7/14/2003	SP 12 for SAP_APPL 4.70
SAPKA62026	7/14/2003	ABA Support Package 26 for 6.20
SAPKB62026	7/14/2003	Basis Support Package 26 for 6.20
SAPKIPZH51	7/3/2003	PI 2003_1_470: patch 0001
SAPKGPIB03	7/2/2003	EA-IPPE 200: patch 0003
SAPKGPIB02	7/2/2003	EA-IPPE 200: patch 0002
SAPKGPIB01	7/2/2003	EA-IPPE 200: patch 0001
SAPKE47016	7/2/2003	SP 16 for SAP_HR 4.70
SAPKA62025	7/2/2003	ABA Support Package 25 for 6.20
SAPKB62025	7/2/2003	Basis Support Package 25 for 6.20
SAPKH47011	6/5/2003	SP 11 for SAP_APPL 4.70
SAPKIND97B	6/2/2003	PI 2003_1_470 : Add-On Delta Upgrade
SAPKIPYH51	6/2/2003	PI_BASIS 2003_1_620: patch 0001
SAPKH47010	6/2/2003	SP 10 for SAP_APPL 4.70
SAPKA62024	6/2/2003	ABA Support Package 24 for 6.20
SAPKB62024	6/2/2003	Basis Support Package 24 for 6.20
SAPKE47015	5/14/2003	SP 15 for SAP_HR 4.70
SAPKA62023	5/14/2003	ABA Support Package 23 for 6.20
SAPKB62023	5/14/2003	Basis Support Package 23 for 6.20
SAPKE47014	4/29/2003	SP 14 for SAP_HR 4.70
SAPKH47009	4/29/2003	SP 09 for SAP_APPL 4.70
SAPKA62022	4/29/2003	ABA Support Package 22 for 6.20
SAPKA62021	4/29/2003	ABA Support Package 21 for 6.20
SAPKB62022	4/29/2003	Basis Support Package 22 for 6.20
SAPKB62021	4/29/2003	Basis Support Package 21 for 6.20
SAPKH47008	4/10/2003	SP 08 for SAP_APPL 4.70
SAPKA62020	4/10/2003	ABA Support Package 20 for 6.20
SAPKA62019	4/10/2003	ABA Support Package 19 for 6.20
SAPKB62020	4/10/2003	Basis Support Package 20 for 6.20
SAPKB62019	4/10/2003	Basis Support Package 19 for 6.20
SAPKE47013	3/27/2003	SP 13 for SAP_HR 4.70
SAPKE47012	3/27/2003	SP 12 for SAP_HR 4.70
SAPKE47011	3/27/2003	SP 11 for SAP_HR 4.70
SAPKH47007	3/27/2003	SP 07 for SAP_APPL 4.70
SAPKA62018	3/26/2003	ABA Support Package 18 for 6.20
SAPKB62018	3/26/2003	Basis Support Package 18 for 6.20
SAPKGEI02A	3/25/2003	EA-IPPE 200 : Add-On Installation
SAPKINB97A	3/25/2003	PI_BASIS 2003_1_620 : Add-On Installation
SAPKIND87A	3/25/2003	R/3 Plug-In 2002.2 for R/3 Enterprise
SAPKH47006	1/27/2003	SP 06 for SAP_APPL 4.70
SAPKGPRA06	1/24/2003	SP 06 for EA-RETAIL 1.10
SAPKGPPA06	1/24/2003	SP 06 for EA-PS 1.10
SAPKGPIA06	1/24/2003	SP 06 for EA-IPPE 1.10
SAPKGPGA06	1/24/2003	SP 06 for EA-GLTRADE 1.10
SAPKGPFA06	1/24/2003	SP 06 for EA-FINSERV 1.10
SAPKGPAA06	1/24/2003	SP 06 for EA-APPL 1.10

SAPKGPFA10	1/24/2003	SP 10 for EA-HR 1.10
SAPKA62017	1/20/2003	ABA Support Package 17 for 6.20
SAPKB62017	1/20/2003	Basis Support Package 17 for 6.20
SAPKE47010	1/20/2003	SP 10 for SAP_HR 4.70
SAPKB62016	1/9/2003	Basis Support Package 16 for 6.20
SAPKB62015	1/9/2003	Basis Support Package 15 for 6.20
SAPKB62014	1/9/2003	Basis Support Package 14 for 6.20
SAPKB62013	1/9/2003	Basis Support Package 13 for 6.20
SAPKA62016	1/9/2003	ABA Support Package 16 for 6.20
SAPKA62015	1/9/2003	ABA Support Package 15 for 6.20
SAPKA62014	1/9/2003	ABA Support Package 14 for 6.20
SAPKA62013	1/9/2003	ABA Support Package 13 for 6.20
SAPKE47009	1/8/2003	SP 09 for SAP_HR 4.70
SAPKE47008	1/8/2003	SP 08 for SAP_HR 4.70
SAPKE47007	1/8/2003	SP 07 for SAP_HR 4.70
SAPKE47006	1/8/2003	SP 06 for SAP_HR 4.70
SAPKE47005	1/8/2003	SP 05 for SAP_HR 4.70
SAPKE47004	1/8/2003	SP 04 for SAP_HR 4.70
SAPKE47003	1/8/2003	SP 03 for SAP_HR 4.70
SAPKE47002	1/8/2003	SP 02 for SAP_HR 4.70
SAPKE47001	1/8/2003	SP 01 for SAP_HR 4.70
SAPKH47005	1/8/2003	SP 05 for SAP_APPL 4.70
SAPKH47004	1/8/2003	SP 04 for SAP_APPL 4.70
SAPKH47003	1/8/2003	SP 03 for SAP_APPL 4.70
SAPKH47002	1/8/2003	SP 02 for SAP_APPL 4.70
SAPKH47001	1/8/2003	SP 01 for SAP_APPL 4.70
SAPKGPGA05	1/8/2003	SP 05 for EA-GLTRADE 1.10
SAPKGPGA04	1/8/2003	SP 04 for EA-GLTRADE 1.10
SAPKGPGA03	1/8/2003	SP 03 for EA-GLTRADE 1.10
SAPKGPGA02	1/8/2003	SP 02 for EA-GLTRADE 1.10
SAPKGPGA01	1/8/2003	SP 01 for EA-GLTRADE 1.10
SAPKGPPRA05	1/8/2003	SP 05 for EA-RETAIL 1.10
SAPKGPPRA04	1/8/2003	SP 04 for EA-RETAIL 1.10
SAPKGPPRA03	1/8/2003	SP 03 for EA-RETAIL 1.10
SAPKGPPRA02	1/8/2003	SP 02 for EA-RETAIL 1.10
SAPKGPPRA01	1/8/2003	SP 01 for EA-RETAIL 1.10
SAPKGPFA05	1/8/2003	SP 05 for EA-FINSERV 1.10
SAPKGPFA04	1/8/2003	SP 04 for EA-FINSERV 1.10
SAPKGPFA03	1/8/2003	SP 03 for EA-FINSERV 1.10
SAPKGPFA02	1/8/2003	SP 02 for EA-FINSERV 1.10
SAPKGPFA01	1/8/2003	SP 01 for EA-FINSERV 1.10
SAPKGPIA05	1/8/2003	SP 05 for EA-IPPE 1.10
SAPKGPIA04	1/8/2003	SP 04 for EA-IPPE 1.10
SAPKGPIA03	1/8/2003	SP 03 for EA-IPPE 1.10
SAPKGPIA02	1/8/2003	SP 02 for EA-IPPE 1.10
SAPKGPIA01	1/8/2003	SP 01 for EA-IPPE 1.10
SAPKGPPA05	1/8/2003	SP 05 for EA-PS 1.10
SAPKGPPA04	1/8/2003	SP 04 for EA-PS 1.10
SAPKGPPA03	1/8/2003	SP 03 for EA-PS 1.10

SAPKGPPA02	1/8/2003	SP 02 for EA-PS 1.10
SAPKGPPA01	1/8/2003	SP 01 for EA-PS 1.10
SAPKGPHA09	1/8/2003	SP 09 for EA-HR 1.10
SAPKGPHA08	1/8/2003	SP 08 for EA-HR 1.10
SAPKGPHA07	1/8/2003	SP 07 for EA-HR 1.10
SAPKGPHA06	1/8/2003	SP 06 for EA-HR 1.10
SAPKGPHA05	1/8/2003	SP 05 for EA-HR 1.10
SAPKGPHA04	1/8/2003	SP 04 for EA-HR 1.10
SAPKGPHA03	1/8/2003	SP 03 for EA-HR 1.10
SAPKGPHA02	1/8/2003	SP 02 for EA-HR 1.10
SAPKGPHA01	1/8/2003	SP 01 for EA-HR 1.10
SAPKGPAA05	1/8/2003	SP 05 for EA-APPL 1.10
SAPKGPAA04	1/8/2003	SP 04 for EA-APPL 1.10
SAPKGPAA03	1/8/2003	SP 03 for EA-APPL 1.10
SAPKGPAA02	1/8/2003	SP 02 for EA-APPL 1.10
SAPKA62012	1/7/2003	ABA Support Package 12 for 6.20
SAPKA62011	1/7/2003	ABA Support Package 11 for 6.20
SAPKA62010	1/7/2003	ABA Support Package 10 for 6.20
SAPKA62009	1/7/2003	ABA Support Package 09 for 6.20
SAPKA62008	1/7/2003	ABA Support Package 08 for 6.20
SAPKA62007	1/7/2003	ABA Support Package 07 for 6.20
SAPKA62006	1/7/2003	ABA Support Package 06 for 6.20
SAPKA62005	1/7/2003	ABA Support Package 05 for 6.20
SAPKA62004	1/7/2003	ABA Support Package 04 for 6.20
SAPKA62003	1/7/2003	ABA Support Package 03 for 6.20
SAPKB62012	1/7/2003	Basis Support Package 12 for 6.20
SAPKB62011	1/7/2003	Basis Support Package 11 for 6.20
SAPKB62010	1/7/2003	Basis Support Package 10 for 6.20
SAPKB62009	1/7/2003	Basis Support Package 09 for 6.20
SAPKB62008	1/7/2003	Basis Support Package 08 for 6.20
SAPKB62007	1/7/2003	Basis Support Package 07 for 6.20
SAPKB62006	1/7/2003	Basis Support Package 06 for 6.20
SAPKB62005	1/7/2003	Basis Support Package 05 for 6.20
SAPKB62004	1/7/2003	Basis Support Package 04 for 6.20
SAPKB62003	1/7/2003	Basis Support Package 03 for 6.20
SAPKGPAA01	1/7/2003	SP 01 for EA-APPL 1.10
SAPKIPZF53	1/7/2003	PI 2002_1_470: patch 0003
SAPKIPZF52	1/7/2003	PI 2002_1_470: patch 0002
SAPKIPZF51	1/7/2003	PI 2002_1_470: patch 0001
SAPKIPYF56	12/18/2002	PI_BASIS 2002_1_620: patch 0006
SAPKIPYF55	12/18/2002	PI_BASIS 2002_1_620: patch 0005
SAPKIPYF54	12/18/2002	PI_BASIS 2002_1_620: patch 0004
SAPKIPYF53	12/18/2002	PI_BASIS 2002_1_620: patch 0003
SAPKA62002	6/5/2002	ABA Support Package 02 for 6.20
SAPKA62001	6/5/2002	ABA Support Package 01 for 6.20
SAPKB62002	6/5/2002	Basis Support Package 02 for 6.20
SAPKB62001	6/5/2002	Basis Support Package 01 for 6.20
SAPKIPYF52	5/21/2002	PI_BASIS 2002_1_620: patch 0002
SAPKIPYF51	5/21/2002	PI_BASIS 2002_1_620: patch 0001

SAPKH40B31	12/21/1999	Hot Package 31 (Note 62119 ! Extra Large !)
SAPKH40B30	12/21/1999	Hot Package 30 (Note 62119 ! Extra Large !)
SAPKH40B29	12/21/1999	Hot Package 29 (Note 62119 ! Extra Large !)
SAPKH40B28	12/21/1999	Hot Package 28 (Note 62119 ! Extra Large !)
SAPKH40B27	12/21/1999	Hot Package 27 (Note 62119 ! Extra Large !)
SAPKH40B26	12/21/1999	Hot Package 26 (Note 62119 ! Extra Large !)
SAPKH40B25	12/21/1999	Hot Package 25 (Note 62119 ! Extra Large !)
SAPKH40B24	10/7/1999	Hot Package 24 (Note 62119 ! Extra Large !)
SAPKH40B23	10/7/1999	Hot Package 23 (Note 62119 ! Extra Large !)
SAPKH40B22	10/7/1999	Hot Package 22 for R/3 4.0B
SAPKH40B21	10/7/1999	Hot Package 21 (Note 62119 ! Extra Large !)
SAPKH40B20	10/6/1999	Hot Package 20 (Note 62119 ! Extra Large !)
SAPKH40B19	10/6/1999	Hot Package 19 (Note 62119 ! Extra Large !)
SAPKH40B18	10/6/1999	Hot Package 18 (Note 62119 ! Extra Large !)
SAPKH40B17	10/6/1999	Hot Package 17 (Note 62119 ! Extra Large !)
SAPKH40B16	10/6/1999	Hot Package 16 (Note 62119 ! Extra Large !)
SAPKH40B15	10/6/1999	Hot Package 15 (Note 62119 ! Extra Large !)
SAPKH40B14	10/6/1999	Hot Package 14 (Note 62119 ! Extra Large !)
XSAPKE40B13	3/31/1999	LCP 13 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B13	3/31/1999	Hot Package 13 (Note 62119 ! Extra Large !)
XSAPKE40B12	3/31/1999	LCP 12 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B12	3/31/1999	Hot Package 12 (Note 62119 ! Extra Large !)
XSAPKE40B11	3/31/1999	Legal Change Patch 11 for R/3 4.0B (HR)
SAPKH40B11	3/31/1999	Hot Package 11 for R/3 4.0B
XSAPKE40B10	3/31/1999	LCP 10 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B10	3/31/1999	Hot Package 10 (Note 62119 ! Extra Large !)
XSAPKE40B09	3/31/1999	LCP 09 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B09	3/31/1999	Hot Package 09 (Note 62119 ! Extra Large !)
XSAPKE40B08	3/30/1999	LCP 08 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B08	3/30/1999	Hot Package 08 (Note 62119 ! Extra Large !)
XSAPKE40B07	3/30/1999	LCP 07 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B07	3/30/1999	Hot Package 07 (Note 62119 ! Extra Large !)
XSAPKE40B06	3/30/1999	LCP 06 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B06	3/30/1999	Hot Package 06 (Note 62119 ! Extra Large !)
XSAPKE40B05	3/30/1999	LCP 05 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B05	3/30/1999	Hot Package 05 (Note 62119 ! Extra Large !)
XSAPKE40B04	3/30/1999	LCP 04 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B04	3/30/1999	Hot Package 04 (Note 62119 ! Extra Large !)
XSAPKE40B03	3/30/1999	LCP 03 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B03	3/30/1999	Hot Package 03 (Note 62119 ! Extra Large !)
XSAPKE40B02	3/30/1999	LCP 02 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B02	3/30/1999	Hot Package 02 (Note 62119 ! Extra Large !)
XSAPKE40B01	3/30/1999	LCP 01 (HR) - (Note 62119 ! Extra Large !)
SAPKH40B01	3/29/1999	Hot Package 01 (Note 62119 ! Extra Large !)

End of Report