	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**Metrics for HP OpenView Performance Agent and HP OpenView Operations Agent**													
2	**Last Updated: January 11, 2005**													
3	**Disclaimer: These metrics are subject to change.**													
4	**For OVPA metrics, the reptall file that is installed with the product contains the complete list of metrics that are available on the given platform. This spreadsheet contains the latest list for all of the supported platforms that are shown.**													
5	**EPC (Embedded Performance Component) metrics for the A.07.2X patches for OVO/Windows and OVO/Unix**													
6	**Supported Platforms: HP-UX, SUN Solaris, IBM AIX, Tru64 OSF1, Linux Red Hat, SuSE, TurboLinux, Debian; Windows**													
7														
8	**Metric lists**							**In EPC**						
9	**Name**								**As a "typical" on**					
10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
12	**DATA TYPE CONFIGURATION**													
13	**Configuration Record Identification Metrics**													
14	* BLANK	X	X	X	X	X	X							
15	* RECORD_TYPE	X	X	X	X	X	X							
16	* DATE	X	X	X	X	X	X							
17	* TIME	X	X	X	X	X	X							
18	* YEAR	X	X	X	X	X	X							
19	* DAY	X	X	X	X	X	X							
20	* DATE_SECONDS	X	X	X	X	X	X							
21	**Configuration System Metrics**													
22	* GBL_BOOT_TIME	X	X	X	X				X	X	X	X	X	X
23	* GBL_COLLECTOR	X	X	X	X	X	X	X	X	X	X	X	X	X
24	* GBL_CPU_CLOCK	X	X	X	X				X	X	X		X	X
25	* GBL_DISTRIBUTION			X										
26	* GBL_GMTOFFSET	X	X	X	X				X	X	X	X	X	X
27	* GBL_JAVAARG	X	X		X									
28	* GBL_LOGFILE_VERSION	X	X	X	X	X	X							
29	* GBL_LOGGING_TYPES	X	X	X	X	X	X							
30	* GBL_MACHINE	X	X	X	X	X	X	X	X	X	X	X	X	X
31	* GBL_MACHINE_MODEL	X	X	X	X				X	X	X	X	X	X
32	* GBL_NUM_APP			X										
33	* GBL_NUM_CPU	X	X	X	X	X	X	X	X	X	X	X	X	X
34	* GBL_OSKERNELTYPE_INT	X		X										
35	* GBL_OSNAME	X	X	X	X	X	X	X	X	X	X	X	X	X
36	* GBL_OSRELEASE	X	X	X	X	X	X	X	X	X	X	X	X	X
37	* GBL_OSVERSION	X	X	X	X	X	X	X	X	X	X	X	X	X

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10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
38	* GBL_SYSTEM_ID	X	X	X	X	X	X		X	X	X	X	X	X
39	**Configuration Memory Metrics**													
40	* GBL_MEM_AVAIL	X	X	X	X	X	X							
41	* GBL_MEM_PHYS	X	X	X	X	X	X	X	X	X	X	X	X	X
42	* GBL_MEM_PHYS_MB					X								
43	* GBL_SWAP_SPACE_AVAIL			X				X	X	X	X	X	X	X
44	* GBL_SWAP_SPACE_AVAIL_KB	X	X	X	X	X	X							
45	**Configuration Disk Metrics**													
46	* GBL_NUM_DISK	X	X	X	X	X	X	X	X	X	X	X	X	X
47	**Configuration Network Metrics**													
48	* GBL_NUM_NETWORK	X	X	X	X	X	X	X	X	X	X	X	X	X
49	**Configuration Table Metrics**													
50	* TBL_BUFFER_CACHE_AVAIL	X	X		X									
51	* TBL_FILE_LOCK_AVAIL	X		X										
52	* TBL_FILE_TABLE_AVAIL	X	X	X					X					
53	* TBL_INODE_CACHE_AVAIL	X	X	X										
54	* TBL_MSG_TABLE_AVAIL	X	X	X		X			X					
55	* TBL_PROC_TABLE_AVAIL	X	X		X	X			X					
56	* TBL_SEM_TABLE_AVAIL	X	X	X		X			X					
57	* TBL_SHMEM_TABLE_AVAIL	X	X	X		X			X					
58	**Configuration Process Threshold (Count) Metrics**													
59	* GBL_THRESHOLD_CPU	X	X	X	X	X	X							
60	* GBL_THRESHOLD_DISK	X	X	X	X	X								
61	* GBL_THRESHOLD_NOKILLED	X	X	X	X		X							
62	* GBL_THRESHOLD_NONEW	X	X	X	X		X							
63	* GBL_THRESHOLD_PROCMEM	X	X	X	X	X	X							
64	* GBL_THRESHOLD_SHORTLIVED	X												
65	**Configuration Wait State Metrics**	X												
66	* GBL_SUBPROCSAMPLEINTERVAL		X	X	X	X								
67	* GBL_THRESHOLD_WAIT_CPU	X												
68	* GBL_THRESHOLD_WAIT_DISK	X												
69	* GBL_THRESHOLD_WAIT_IMPEDE	X												
70	* GBL_THRESHOLD_WAIT_MEMORY	X												
71														
72	**DATA TYPE GLOBAL**													
73	**Global Record Identification Metrics**													
74	* BLANK	X	X	X	X	X	X							
75	* RECORD_TYPE	X	X	X	X	X	X							
76	* DATE	X	X	X	X	X	X							
77	* TIME	X	X	X	X	X	X							
78	* YEAR	X	X	X	X	X	X							
79	* DAY	X	X	X	X	X	X							
80	* DATE_SECONDS	X	X	X	X	X	X							
81	* INTERVAL	X	X	X	X	X	X							
82	* GBL_CSWITCH_RATE	X	X		X									

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11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
83	* GBL_INTERRUPT	X	X	X	X				X	X	X	X	X	X
84	* GBL_INTERRUPT_RATE	X	X	X	X			X	X	X	X	X	X	X
85	* GBL_INTERVAL	X	X	X	X			X	X	X	X	X	X	X
86	* GBL_PROC_SAMPLE	X	X	X	X	X	X							
87	* GBL_STATTIME			X				X	X	X	X	X	X	X
88	* GBL_SYSCALL	X	X		X				X	X		X	X	X
89	* GBL_SYSCALL_RATE	X	X		X		X		X	X		X	X	X
90	* GBL_SYSTEM_UPTIME_HOURS	X	X	X	X	X	X							
91	* GBL_SYSTEM_UPTIME_SECONDS	X	X	X	X									
92	**Global CPU Metrics**													
93	* GBL_ACTIVE_CPU	X	X	X	X		X	X	X	X	X	X	X	X
94	* GBL_CPU_CSWITCH_TIME	X												
95	* GBL_CPU_CSWITCH_UTIL	X												
96	* GBL_CPU_HISTOGRAM	X	X		X	X	X							
97	* GBL_CPU_IDLE_TIME	X	X	X	X	X	X		X	X	X	X	X	X
98	* GBL_CPU_IDLE_UTIL	X	X	X	X	X	X		X	X	X	X	X	X
99	* GBL_CPU_INTERRUPT_TIME	X					X							
100	* GBL_CPU_INTERRUPT_UTIL	X					X							
101	* GBL_CPU_NICE_TIME	X		X		X								
102	* GBL_CPU_NICE_UTIL	X		X		X								
103	* GBL_CPU_NORMAL_TIME	X												
104	* GBL_CPU_NORMAL_UTIL	X												
105	* GBL_CPU_REALTIME_TIME	X												
106	* GBL_CPU_REALTIME_UTIL	X												
107	* GBL_CPU_SYS_MODE_TIME	X	X	X	X	X	X		X	X	X	X	X	X
108	* GBL_CPU_SYS_MODE_UTIL	X	X	X	X	X	X	X	X	X	X	X	X	X
109	* GBL_CPU_SYSCALL_TIME	X												
110	* GBL_CPU_SYSCALL_UTIL	X												
111	* GBL_CPU_TOTAL_TIME	X	X	X	X	X	X		X	X	X	X	X	X
112	* GBL_CPU_TOTAL_UTIL	X	X	X	X	X	X	X	X	X	X	X	X	X
113	* GBL_CPU_USER_MODE_TIME	X	X	X	X	X	X		X	X	X	X	X	X
114	* GBL_CPU_USER_MODE_UTIL	X	X	X	X	X	X	X	X	X	X	X	X	X
115	* GBL_CPU_WAIT_TIME		X		X	X								
116	* GBL_CPU_WAIT_UTIL		X		X	X								
117	**Global Disk Metrics**													
118	* GBL_DISK_BLOCK_IO		X		X									
119	* GBL_DISK_BLOCK_IO_RATE		X		X									
120	* GBL_DISK_BLOCK_READ		X		X									
121	* GBL_DISK_BLOCK_READ_RATE		X		X									
122	* GBL_DISK_BLOCK_WRITE		X		X									
123	* GBL_DISK_BLOCK_WRITE_RATE		X		X									
124	* GBL_DISK_CACHE_READ						X							
125	* GBL_DISK_CACHE_READ_RATE						X							
126	* GBL_DISK_FS_IO	X												
127	* GBL_DISK_FS_IO_RATE	X												

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10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
128	* GBL_DISK_FS_READ	X												
129	* GBL_DISK_FS_READ_RATE	X												
130	* GBL_DISK_FS_WRITE	X												
131	* GBL_DISK_FS_WRITE_RATE	X												
132	* GBL_DISK_HISTOGRAM	X	X		X		X							
133	* GBL_DISK_LOGL_IO	X												
134	* GBL_DISK_LOGL_IO_RATE	X												
135	* GBL_DISK_LOGL_READ	X					X							
136	* GBL_DISK_LOGL_READ_BYTE	X												
137	* GBL_DISK_LOGL_READ_BYTE_RATE	X												
138	* GBL_DISK_LOGL_READ_RATE	X					X							
139	* GBL_DISK_LOGL_WRITE	X												
140	* GBL_DISK_LOGL_WRITE_BYTE	X												
141	* GBL_DISK_LOGL_WRITE_BYTE_RATE	X												
142	* GBL_DISK_LOGL_WRITE_RATE	X												
143	* GBL_DISK_PHYS_BYTE	X	X	X	X	X	X		X	X	X	X	X	X
144	* GBL_DISK_PHYS_BYTE_RATE	X	X	X	X	X	X		X	X	X	X	X	X
145	* GBL_DISK_PHYS_IO	X	X	X	X	X	X		X	X	X	X	X	X
146	* GBL_DISK_PHYS_IO_RATE	X	X	X	X	X	X	X	X	X	X	X	X	X
147	* GBL_DISK_PHYS_READ	X	X	X	X		X							
148	* GBL_DISK_PHYS_READ_BYTE_RATE	X	X	X	X		X							
149	* GBL_DISK_PHYS_READ_RATE	X	X	X	X		X							
150	* GBL_DISK_PHYS_WRITE	X	X	X	X		X							
151	* GBL_DISK_PHYS_WRITE_BYTE_RATE	X	X	X	X		X							
152	* GBL_DISK_PHYS_WRITE_RATE	X	X	X	X		X							
153	* GBL_DISK_RAW_IO	X	X		X									
154	* GBL_DISK_RAW_IO_RATE	X	X		X									
155	* GBL_DISK_RAW_READ	X	X		X									
156	* GBL_DISK_RAW_READ_RATE	X	X		X									
157	* GBL_DISK_RAW_WRITE	X	X		X									
158	* GBL_DISK_RAW_WRITE_RATE	X	X		X									
159	* GBL_DISK_SYSTEM_IO	X												
160	* GBL_DISK_SYSTEM_IO_RATE	X												
161	* GBL_DISK_SYSTEM_READ	X												
162	* GBL_DISK_SYSTEM_READ_RATE	X												
163	* GBL_DISK_SYSTEM_WRITE	X												
164	* GBL_DISK_SYSTEM_WRITE_RATE	X												
165	* GBL_DISK_TIME_PEAK	X	X	X	X	X	X							
166	* GBL_DISK_UTIL			X		X								
167	* GBL_DISK_UTIL_PEAK	X	X	X	X	X	X							
168	* GBL_DISK_VM_IO	X	X		X									
169	* GBL_DISK_VM_IO_RATE	X	X		X									
170	* GBL_DISK_VM_READ				X									
171	* GBL_DISK_VM_READ	X												
172	* GBL_DISK_VM_READ_RATE	X												

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10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
173	* GBL_DISK_VM_READ_RATE				X									
174	* GBL_DISK_VM_WRITE				X									
175	* GBL_DISK_VM_WRITE	X												
176	* GBL_DISK_VM_WRITE_RATE	X												
177	* GBL_DISK_VM_WRITE_RATE				X									
178	* GBL_FS_SPACE_UTIL_PEAK	X	X	X	X	X	X	X	X	X	X	X	X	X
179	* TBL_FILE_LOCK_USED	X	X	X		X								
180	* TBL_FILE_LOCK_UTIL	X	X	X										
181	* TBL_FILE_TABLE_USED			X		X			X					
182	* TBL_FILE_TABLE_UTIL	X	X	X					X					
183	**Global Memory Metrics**													
184	* GBL_MEM_ACTIVE_VIRT	X			X									
185	* GBL_MEM_ACTIVE_VIRT_UTIL	X												
186	* GBL_MEM_CACHE			X		X								
187	* GBL_MEM_CACHE_UTIL			X		X								
188	* GBL_MEM_CACHE_HIT_PCT	X	X		X	X	X							
189	* GBL_MEM_FILE_PAGEOUT_RATE		X											
190	* GBL_MEM_FREE			X		X								
191	* GBL_MEM_FREE_UTIL	X	X	X	X	X	X							
192	* GBL_MEM_LOCKED						X							
193	* GBL_MEM_LOCKED_UTIL						X							
194	* GBL_MEM_PAGE_FAULT					X								
195	* GBL_MEM_PAGE_FAULT_RATE					X								
196	* GBL_MEM_PAGE_REQUEST	X	X	X	X	X	X							
197	* GBL_MEM_PAGE_REQUEST_RATE	X	X	X	X	X	X							
198	* GBL_MEM_PAGEIN			X		X			X	X	X	X	X	X
199	* GBL_MEM_PAGEIN_BYTE			X		X								
200	* GBL_MEM_PAGEIN_BYTE_RATE			X		X								
201	* GBL_MEM_PAGEIN_RATE			X		X		X	X	X	X	X	X	X
202	* GBL_MEM_PAGEOUT	X	X	X	X	X	X		X	X	X	X	X	X
203	* GBL_MEM_PAGEOUT_BYTE	X	X	X	X	X								
204	* GBL_MEM_PAGEOUT_BYTE_RATE	X	X	X	X	X								
205	* GBL_MEM_PAGEOUT_RATE	X	X	X	X	X	X	X	X	X	X	X	X	X
206	* GBL_MEM_PG_SCAN		X		X				X	X		X	X	
207	* GBL_MEM_PG_SCAN_RATE	X	X		X				X	X		X	X	
208	* GBL_MEM_SWAP	X	X											
209	* GBL_MEM_SWAP_1_HR_RATE	X	X											
210	* GBL_MEM_SWAPIN_BYTE	X		X					X	X	X	X	X	
211	* GBL_MEM_SWAPIN_BYTE_RATE	X	X	X	X				X	X	X	X	X	
212	* GBL_MEM_SWAPIN_RATE	X	X		X									
213	* GBL_MEM_SWAPOUT_BYTE	X		X					X	X	X	X	X	
214	* GBL_MEM_SWAPOUT_BYTE_RATE	X	X	X	X				X	X	X	X	X	
215	* GBL_MEM_SWAPOUT_RATE	X	X		X									
216	* GBL_MEM_SYS			X		X								
217	* GBL_MEM_SYS_AND_CACHE_UTIL	X	X		X	X	X							

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10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
218	* GBL_MEM_SYS_UTIL	X	X	X	X	X	X							
219	* GBL_MEM_USER			X		X								
220	* GBL_MEM_USER_REFERENCED_UTIL					X								
221	* GBL_MEM_USER_UNREFERENCED_UTIL					X								
222	* GBL_MEM_USER_UTIL	X	X	X	X	X	X							
223	* GBL_MEM_UTIL	X	X	X	X	X	X	X	X	X	X	X	X	X
224	* GBL_SWAP_SPACE_USED			X					X	X	X	X	X	X
225	* GBL_SWAP_SPACE_USED_UTIL			X		X								
226	* GBL_SWAP_SPACE_UTIL	X	X	X	X	X	X	X	X	X	X	X	X	X
227	* GBL_LOST_MI_TRACE_BUFFERS	X	X	X	X									
228	* GBL_TT_OVERFLOW_COUNT	X	X	X	X		X							
229	* TBL_BUFFER_CACHE_USED	X												
230	* TBL_INODE_CACHE_USED	X	X	X										
231	* TBL_MSG_TABLE_USED	X	X	X	X				X					
232	* TBL_MSG_TABLE_UTIL	X	X	X		X			X					
233	* TBL_SEM_TABLE_USED	X	X	X	X				X					
234	* TBL_SEM_TABLE_UTIL	X	X	X		X			X					
235	* TBL_SHMEM_ACTIVE	X	X	X	X									
236	* TBL_SHMEM_TABLE_USED	X	X	X	X				X					
237	* TBL_SHMEM_TABLE_UTIL	X	X	X		X			X					
238	* TBL_SHMEM_USED	X	X	X	X									
239	**Global Network Metrics**													
240	* GBL_NFS_CALL	X	X	X	X	X								
241	* GBL_NFS_CALL_RATE	X	X	X	X	X								
242	* GBL_NET_COLLISION			X					X	X	X	X	X	
243	* GBL_NET_COLLISION_1_MIN_RATE	X	X	X	X	X								
244	* GBL_NET_COLLISION_PCT	X	X	X	X									
245	* GBL_NET_COLLISION_RATE	X	X	X	X				X	X	X	X	X	
246	* GBL_NET_ERROR			X					X	X	X	X	X	X
247	* GBL_NET_ERROR_1_MIN_RATE	X	X	X	X	X	X							
248	* GBL_NET_ERROR_RATE	X	X	X	X			X	X	X	X	X	X	X
249	* GBL_NET_IN_ERROR_PCT	X	X	X	X	X	X							
250	* GBL_NET_IN_ERROR_RATE	X	X		X									
251	* GBL_NET_IN_PACKET	X	X	X	X	X	X		X	X	X	X	X	X
252	* GBL_NET_IN_PACKET_RATE	X	X	X	X	X	X	X	X	X	X	X	X	X
253	* GBL_NET_OUT_ERROR_PCT	X	X	X	X	X	X							
254	* GBL_NET_OUT_ERROR_RATE	X	X		X									
255	* GBL_NET_OUT_PACKET	X	X	X	X	X	X		X	X	X	X	X	X
256	* GBL_NET_OUT_PACKET_RATE	X	X	X	X	X	X	X	X	X	X	X	X	X
257	* GBL_NET_OUTQUEUE	X				X	X							
258	* GBL_NET_PACKET_RATE	X	X	X	X	X	X							
259	* GBL_WEB_CACHE_HIT_PCT						IIS 3.0 only							
260	* GBL_WEB_CGI_REQUEST_RATE						IIS 3.0 only							
261	* GBL_WEB_CONNECTION_RATE						IIS 3.0 only							
262	* GBL_WEB_FILES_RECEIVED_RATE						IIS 3.0 only							

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11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
263	* GBL_WEB_FILES_SENT_RATE						IIS 3.0 only							
264	* GBL_WEB_FTP_READ_BYTE_RATE						IIS 3.0 only							
265	* GBL_WEB_FTP_WRITE_BYTE_RATE						IIS 3.0 only							
266	* GBL_WEB_GET_REQUEST_RATE						IIS 3.0 only							
267	* GBL_WEB_GOPHER_READ_BYTE_RATE						IIS 3.0 only							
268	* GBL_WEB_GOPHER_WRITE_BYTE_RATE						IIS 3.0 only							
269	* GBL_WEB_HEAD_REQUEST_RATE						IIS 3.0 only							
270	* GBL_WEB_HTTP_READ_BYTE_RATE						IIS 3.0 only							
271	* GBL_WEB_HTTP_WRITE_BYTE_RATE						IIS 3.0 only							
272	* GBL_WEB_ISAPI_REQUEST_RATE						IIS 3.0 only							
273	* GBL_WEB_LOGON_FAILURES						IIS 3.0 only							
274	* GBL_WEB_NOT_FOUND_ERRORS						IIS 3.0 only							
275	* GBL_WEB_OTHER_REQUEST_RATE						IIS 3.0 only							
276	* GBL_WEB_POST_REQUEST_RATE						IIS 3.0 only							
277	* GBL_WEB_READ_BYTE_RATE						IIS 3.0 only							
278	* GBL_WEB_WRITE_BYTE_RATE						IIS 3.0 only							
279	**Global Process Count Metrics**													
280	* GBL_NUM_USER	X	X	X	X				X	X	X	X	X	
281	* GBL_ACTIVE_PROC	X	X	X	X	X	X							
282	* GBL_ALIVE_PROC	X	X	X	X	X	X							
283	* GBL_COMPLETED_PROC	X	X		X	X	X							
284	* GBL_PROC_RUN_TIME	X	X			X	X							
285	* GBL_STARTED_PROC	X	X	X	X	X	X		X	X	X	X	X	
286	* GBL_STARTED_PROC_RATE	X	X	X	X				X	X	X	X	X	
287	* GBL_SUSPENDED_PROCS				X									
288	* TBL_PROC_TABLE_USED								X					
289	* TBL_PROC_TABLE_UTIL	X	X	X		X			X					
290	**Global Queue Metrics**													
291	* GBL_BLOCKED_IO_QUEUE		X		X									
292	* GBL_DISK_REQUEST_QUEUE			X		X								
293	* GBL_DISK_SUBSYSTEM_QUEUE	X												
294	* GBL_IPC_SUBSYSTEM_QUEUE	X												
295	* GBL_LOADAVG			X		X								
296	* GBL_MEM_QUEUE	X												
297	* GBL_MEM_SWAP_QUEUE				X									
298	* GBL_NETWORK_SUBSYSTEM_QUEUE	X												
299	* GBL_OTHER_QUEUE		X		X									
300	* GBL_PRI_QUEUE	X												
301	* GBL_QUEUE_HISTOGRAM	X												
302	* GBL_RUN_QUEUE	X	X	X	X	X	X	X	X	X	X	X	X	X
303	* GBL_SLEEP_QUEUE	X	X											
304														
305	**DATA TYPE APPLICATION**													
306	**Application Record Identification Metrics**													
307	* BLANK	X	X	X	X	X	X							

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
8	**Metric lists**							**In EPC**						
9	**Name**								**As a "typical" on**					
10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
308	* RECORD_TYPE	X	X	X	X	X	X							
309	* DATE	X	X	X	X	X	X							
310	* TIME	X	X	X	X	X	X							
311	* YEAR	X	X	X	X	X	X							
312	* DAY	X	X	X	X	X	X							
313	* DATE_SECONDS	X	X	X	X	X	X							
314	* INTERVAL	X	X	X	X	X	X							
315	**Application Summary Metrics**													
316	* APP_SAMPLE	X	X	X	X	X	X							
317	* APP_NUM	X	X	X	X	X	X							
318	* APP_NAME	X	X	X	X	X	X							
319	**Application PRM Metrics**													
320	* APP_PRM_CPU_ENTITLEMENT	X												
321	* APP_PRM_CPUCAP_MODE	X												
322	* APP_PRM_LOGGING_MODE	X												
323	* APP_PRM_MEM_AVAIL	X												
324	* APP_PRM_MEM_ENTITLEMENT	X												
325	* APP_PRM_MEM_STATE	X												
326	* APP_PRM_MEM_UPPERBOUND	X												
327	* APP_PRM_MEM_UTIL	X												
328	* APP_PRM_STATE	X												
329	**Application CPU Metrics**													
330	* APP_CPU_NICE_TIME	X												
331	* APP_CPU_NICE_UTIL	X												
332	* APP_CPU_NORMAL_TIME	X												
333	* APP_CPU_NORMAL_UTIL	X												
334	* APP_CPU_REALTIME_TIME	X												
335	* APP_CPU_REALTIME_UTIL	X												
336	* APP_CPU_SYS_MODE_TIME	X	X	X	X	X	X							
337	* APP_CPU_SYS_MODE_UTIL	X	X	X	X	X	X							
338	* APP_CPU_TOTAL_TIME	X	X	X	X	X	X							
339	* APP_CPU_TOTAL_UTIL	X	X	X	X	X	X							
340	* APP_CPU_USER_MODE_TIME		X	X	X	X	X							
341	* APP_CPU_USER_MODE_UTIL		X	X	X	X	X							
342	**Application Disk Metrics**													
343	* APP_DISK_BLOCK_IO		X		X	X								
344	* APP_DISK_BLOCK_IO_RATE		X		X	X								
345	* APP_DISK_BLOCK_READ		X		X	X								
346	* APP_DISK_BLOCK_READ_RATE		X		X	X								
347	* APP_DISK_BLOCK_WRITE		X		X	X								
348	* APP_DISK_BLOCK_WRITE_RATE		X		X	X								
349	* APP_DISK_FS_IO	X												
350	* APP_DISK_FS_IO_RATE	X												
351	* APP_DISK_LOGL_IO	X												
352	* APP_DISK_LOGL_IO_RATE	X												

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
8	**Metric lists**							**In EPC**						
9	**Name**								**As a "typical" on**					
10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
353	* APP_DISK_LOGL_READ	X												
354	* APP_DISK_LOGL_READ_RATE	X												
355	* APP_DISK_LOGL_WRITE	X												
356	* APP_DISK_LOGL_WRITE_RATE	X												
357	* APP_DISK_PHYS_IO	X	X		X									
358	* APP_DISK_PHYS_IO_RATE	X	X											
359	* APP_DISK_PHYS_READ	X												
360	* APP_DISK_PHYS_READ_RATE	X												
361	* APP_DISK_PHYS_WRITE	X												
362	* APP_DISK_PHYS_WRITE_RATE	X												
363	* APP_DISK_RAW_IO	X												
364	* APP_DISK_RAW_IO_RATE	X												
365	* APP_DISK_SYSTEM_IO	X												
366	* APP_DISK_SYSTEM_IO_RATE	X												
367	* APP_DISK_VM_IO	X												
368	* APP_DISK_VM_IO_RATE	X												
369	* APP_IO_BYTE	X	X		X	X	X							
370	* APP_IO_BYTE_RATE	X	X		X	X	X							
371	**Application Memory Metrics**													
372	* APP_MAJOR_FAULT			X		X								
373	* APP_MAJOR_FAULT_RATE		X	X	X	X								
374	* APP_MEM_RES	X		X			X							
375	* APP_MEM_UTIL		X	X	X	X	X							
376	* APP_MEM_VIRT	X	X	X	X	X	X							
377	* APP_MINOR_FAULT			X		X								
378	* APP_MINOR_FAULT_RATE		X	X	X	X	X							
379	**Application Process Count Metrics**													
380	* APP_ACTIVE_PROC	X	X	X	X	X	X							
381	* APP_ALIVE_PROC	X	X	X	X	X	X							
382	* APP_COMPLETED_PROC	X	X	X	X	X	X							
383	* APP_PRI	X	X	X	X	X	X							
384	* APP_PRI_STD_DEV	X	X		X	X								
385	* APP_PROC_RUN_TIME	X	X	X	X	X	X							
386	* APP_REV_PRI_STD_DEV		X											
387	* APP_REVERSE_PRI		X											
388	**Application Wait State Metrics**													
389	* APP_DISK_SUBSYSTEM_WAIT_PCT	X												
390	* APP_IPC_SUBSYSTEM_WAIT_PCT	X												
391	* APP_MEM_WAIT_PCT	X												
392	* APP_NETWORK_SUBSYSTEM_WAIT_PCT	X												
393	* APP_OTHER_IO_WAIT_PCT	X												
394	* APP_PRI_WAIT_PCT	X												
395	* APP_SEM_WAIT_PCT	X												
396	* APP_SLEEP_WAIT_PCT	X												
397														

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8	**Metric lists**							**In EPC**						
9	**Name**								**As a "typical" on**					
10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
398	**DATA TYPE PROCESS**													
399	**Process Record Identification Metrics**													
400	* BLANK	X	X	X	X	X	X							
401	* RECORD_TYPE	X	X	X	X	X	X							
402	* DATE	X	X	X	X	X	X							
403	* TIME	X	X	X	X	X	X							
404	* YEAR	X	X	X	X	X	X							
405	* DAY	X	X	X	X	X	X							
406	* DATE_SECONDS	X	X	X	X	X	X							
407	* INTERVAL	X	X	X	X	X	X							
408	**Process Summary Metrics**													
409	* PROC_APP_ID	X	X	X	X	X	X							
410	* PROC_EUID	X		X										
411	* PROC_GROUP_ID	X	X	X	X	X								
412	* PROC_INTEREST	X	X	X	X	X	X							
413	* PROC_INTERVAL_ALIVE	X	X	X	X	X	X							
414	* PROC_PARENT_PROC_ID	X	X	X	X	X	X							
415	* PROC_PRI	X	X	X	X		X							
416	* PROC_PRMID	X												
417	* PROC_PROC_ARGV1	X	X	X	X									
418	* PROC_PROC_ID	X	X	X	X	X	X							
419	* PROC_PROC_NAME	X	X	X	X	X	X							
420	* PROC_REVERSE_PRI		X											
421	* PROC_STOP_REASON	X	X	X	X	X								
422	* PROC_TTY	X	X	X	X	X								
423	* PROC_USER_NAME	X	X	X	X	X	X							
424	**Process CPU Metrics**													
425	* PROC_CPU_CSWITCH_TIME	X												
426	* PROC_CPU_CSWITCH_UTIL	X												
427	* PROC_CPU_INTERRUPT_TIME	X												
428	* PROC_CPU_INTERRUPT_UTIL	X												
429	* PROC_CPU_NICE_TIME	X												
430	* PROC_CPU_NICE_UTIL	X												
431	* PROC_CPU_NORMAL_TIME	X												
432	* PROC_CPU_NORMAL_UTIL	X												
433	* PROC_CPU_REALTIME_TIME	X												
434	* PROC_CPU_REALTIME_UTIL	X												
435	* PROC_CPU_SYS_MODE_TIME	X	X	X	X	X	X							
436	* PROC_CPU_SYS_MODE_UTIL	X	X	X	X	X	X							
437	* PROC_CPU_SYSCALL_TIME	X												
438	* PROC_CPU_SYSCALL_UTIL	X												
439	* PROC_CPU_TOTAL_TIME	X	X	X	X	X	X							
440	* PROC_CPU_TOTAL_TIME_CUM	X	X	X	X	X	X							
441	* PROC_CPU_TOTAL_UTIL	X	X	X	X	X	X							
442	* PROC_CPU_TOTAL_UTIL_CUM	X	X	X	X	X	X							

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8	**Metric lists**							**In EPC**						
9	**Name**								**As a "typical" on**					
10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
443	* PROC_CPU_USER_MODE_TIME	X	X	X	X	X	X							
444	* PROC_CPU_USER_MODE_UTIL	X	X	X	X	X	X							
445	**Process Disk Metrics**													
446	* PROC_DISK_BLOCK_IO		X		X	X								
447	* PROC_DISK_BLOCK_IO_CUM		X		X									
448	* PROC_DISK_BLOCK_IO_RATE		X		X	X								
449	* PROC_DISK_BLOCK_IO_RATE_CUM		X		X									
450	* PROC_DISK_BLOCK_READ		X		X	X								
451	* PROC_DISK_BLOCK_READ_RATE		X		X	X								
452	* PROC_DISK_BLOCK_WRITE		X		X	X								
453	* PROC_DISK_BLOCK_WRITE_RATE		X		X	X								
454	* PROC_DISK_FS_IO	X												
455	* PROC_DISK_FS_IO_RATE	X												
456	* PROC_DISK_FS_READ	X												
457	* PROC_DISK_FS_READ_RATE	X												
458	* PROC_DISK_FS_WRITE	X												
459	* PROC_DISK_FS_WRITE_RATE	X												
460	* PROC_DISK_LOGL_IO_CUM	X												
461	* PROC_DISK_LOGL_IO_RATE_CUM	X												
462	* PROC_DISK_LOGL_READ	X												
463	* PROC_DISK_LOGL_READ_RATE	X												
464	* PROC_DISK_LOGL_WRITE	X												
465	* PROC_DISK_LOGL_WRITE_RATE	X												
466	* PROC_DISK_PHYS_IO	X												
467	* PROC_DISK_PHYS_IO_CUM	X												
468	* PROC_DISK_PHYS_IO_RATE	X												
469	* PROC_DISK_PHYS_IO_RATE_CUM	X												
470	* PROC_DISK_SYSTEM_IO	X												
471	* PROC_DISK_SYSTEM_IO_RATE	X												
472	* PROC_DISK_VM_IO	X												
473	* PROC_DISK_VM_IO_RATE	X												
474	* PROC_FORCED_CSWITCH	X			X									
475	* PROC_IO_BYTE	X	X		X	X	X							
476	* PROC_IO_BYTE_CUM	X	X		X	X	X							
477	* PROC_IO_BYTE_RATE	X	X		X	X	X							
478	* PROC_IO_BYTE_RATE_CUM	X	X		X	X	X							
479	* PROC_VOLUNTARY_CSWITCH	X			X									
480	**Process Memory Metrics**													
481	* PROC_MAJOR_FAULT	X	X	X	X	X								
482	* PROC_MEM_LOCKED						X							
483	* PROC_MEM_RES	X	X	X	X	X	X							
484	* PROC_MEM_VIRT	X	X	X	X	X	X							
485	* PROC_MINOR_FAULT	X	X	X	X	X	X							
486	* PROC_PAGEFAULT	X	X	X	X									
487	* PROC_PAGEFAULT_RATE	X	X	X	X									

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8	**Metric lists**							**In EPC**						
9	**Name**								**As a "typical" on**					
10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
488	**Process Process Count Metrics**													
489	* PROC_RUN_TIME	X	X	X	X	X	X							
490	* PROC_THREAD_COUNT	X	X	X	X									
491	**Process Wait State Metrics**													
492	* PROC_DISK_SUBSYSTEM_WAIT_PCT	X												
493	* PROC_DISK_SUBSYSTEM_WAIT_TIME	X												
494	* PROC_IPC_SUBSYSTEM_WAIT_PCT	X												
495	* PROC_IPC_SUBSYSTEM_WAIT_TIME	X												
496	* PROC_LAN_WAIT_PCT	X												
497	* PROC_LAN_WAIT_TIME	X												
498	* PROC_MEM_WAIT_PCT	X												
499	* PROC_MEM_WAIT_TIME	X												
500	* PROC_NFS_WAIT_PCT	X												
501	* PROC_NFS_WAIT_TIME	X												
502	* PROC_OTHER_IO_WAIT_PCT	X												
503	* PROC_OTHER_IO_WAIT_TIME	X												
504	* PROC_PRI_WAIT_PCT	X												
505	* PROC_PRI_WAIT_TIME	X												
506	* PROC_SEM_WAIT_PCT	X												
507	* PROC_SEM_WAIT_TIME	X												
508	* PROC_SLEEP_WAIT_PCT	X												
509	* PROC_SLEEP_WAIT_TIME	X												
510	* PROC_STOP_HISTOGRAM	X												
511	* PROC_SYS_WAIT_PCT	X												
512	* PROC_SYS_WAIT_TIME	X												
513														
514	**DATA TYPE TRANSACTION**													
515	**Transaction Tracker Record Identification Metrics**													
516	* BLANK	X	X	X	X		X							
517	* RECORD_TYPE	X	X	X	X		X							
518	* DATE	X	X	X	X		X							
519	* TIME	X	X	X	X		X							
520	* YEAR	X	X	X	X		X							
521	* DAY	X	X	X	X		X							
522	* DATE_SECONDS	X	X	X	X		X							
523	* INTERVAL	X	X	X	X		X							
524	**Transaction Tracker Summary Metrics**													
525	* TT_NAME	X	X	X	X		X							
526	* TT_TRAN_ID	X	X	X	X		X							
527	* TT_CLIENT_ADDRESS	X	X	X	X		X							
528	* TT_CLIENT_ADDRESS_FORMAT	X	X	X	X		X							
529	* TT_CLIENT_TRAN_ID	X	X	X	X		X							
530	**Transaction Tracker CPU Metrics**													
531	* TT_CPU_TOTAL_TIME_PER_TRAN	X												
532	**Transaction Tracker Disk Metrics**													

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8	**Metric lists**							**In EPC**						
9	**Name**								**As a "typical" on**					
10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
533	* TT_DISK_PHYS_IO_PER_TRAN	X												
534	* TT_DISK_LOGL_IO_PER_TRAN	X												
535	**Transaction Tracker Transaction Metrics**													
536	* TT_ABORT	X	X	X	X		X							
537	* TT_ABORT_WALL_TIME_PER_TRAN	X	X	X	X		X							
538	* TT_APP_NAME	X	X	X	X		X							
539	* TT_APP_TRAN_NAME	X	X	X	X		X							
540	* TT_COUNT	X	X	X	X		X							
541	* TT_FAILED	X	X	X	X		X							
542	* TT_INFO	X	X	X	X		X							
543	* TT_SLO_COUNT	X	X	X	X		X							
544	* TT_SLO_PERCENT	X	X	X	X		X							
545	* TT_SLO_THRESHOLD	X	X	X	X		X							
546	* TT_TERM_TRAN_1_HR_RATE	X	X		X		X							
547	* TT_TRAN_1_MIN_RATE	X	X	X	X		X							
548	* TT_UNAME	X	X	X	X		X							
549	* TT_WALL_TIME_PER_TRAN	X	X	X	X		X							
550	* TT_USER_MEASUREMENT_NAME	X	X	X	X		X							
551	* TT_USER_MEASUREMENT_MIN	X	X	X	X		X							
552	* TT_USER_MEASUREMENT_MAX	X	X	X	X		X							
553	* TT_USER_MEASUREMENT_AVG	X	X	X	X		X							
554	* TT_USER_MEASUREMENT_COUNT	X	X	X	X		X							
555	* TT_USER_MEASUREMENT_NAME_2	X	X	X	X		X							
556	* TT_USER_MEASUREMENT_MIN_2	X	X	X	X		X							
557	* TT_USER_MEASUREMENT_MAX_2	X	X	X	X		X							
558	* TT_USER_MEASUREMENT_AVG_2	X	X	X	X		X							
559	* TT_USER_MEASUREMENT_COUNT_2	X	X	X	X		X							
560	* TT_USER_MEASUREMENT_NAME_3	X	X	X	X		X							
561	* TT_USER_MEASUREMENT_MIN_3	X	X	X	X		X							
562	* TT_USER_MEASUREMENT_MAX_3	X	X	X	X		X							
563	* TT_USER_MEASUREMENT_AVG_3	X	X	X	X		X							
564	* TT_USER_MEASUREMENT_COUNT_3	X	X	X	X		X							
565	* TT_USER_MEASUREMENT_NAME_4	X	X	X	X		X							
566	* TT_USER_MEASUREMENT_MIN_4	X	X	X	X		X							
567	* TT_USER_MEASUREMENT_MAX_4	X	X	X	X		X							
568	* TT_USER_MEASUREMENT_AVG_4	X	X	X	X		X							
569	* TT_USER_MEASUREMENT_COUNT_4	X	X	X	X		X							
570	* TT_USER_MEASUREMENT_NAME_5	X	X	X	X		X							
571	* TT_USER_MEASUREMENT_MIN_5	X	X	X	X		X							
572	* TT_USER_MEASUREMENT_MAX_5	X	X	X	X		X							
573	* TT_USER_MEASUREMENT_AVG_5	X	X	X	X		X							
574	* TT_USER_MEASUREMENT_COUNT_5	X	X	X	X		X							
575	* TT_USER_MEASUREMENT_NAME_6	X	X	X	X		X							
576	* TT_USER_MEASUREMENT_MIN_6	X	X	X	X		X							
577	* TT_USER_MEASUREMENT_MAX_6	X	X	X	X		X							

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8	**Metric lists**							**In EPC**						
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10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
578	* TT_USER_MEASUREMENT_AVG_6	X	X	X	X		X							
579	* TT_USER_MEASUREMENT_COUNT_6	X	X	X	X		X							
580	* TTBIN_UPPER_RANGE_1	X	X	X	X		X							
581	* TTBIN_UPPER_RANGE_2	X	X	X	X		X							
582	* TTBIN_UPPER_RANGE_3	X	X	X	X		X							
583	* TTBIN_UPPER_RANGE_4	X	X	X	X		X							
584	* TTBIN_UPPER_RANGE_5	X	X	X	X		X							
585	* TTBIN_UPPER_RANGE_6	X	X	X	X		X							
586	* TTBIN_UPPER_RANGE_7	X	X	X	X		X							
587	* TTBIN_UPPER_RANGE_8	X	X	X	X		X							
588	* TTBIN_UPPER_RANGE_9	X	X	X	X		X							
589	* TTBIN_UPPER_RANGE_10	X	X	X	X		X							
590	* TTBIN_TRANS_COUNT_1	X	X	X	X		X							
591	* TTBIN_TRANS_COUNT_2	X	X	X	X		X							
592	* TTBIN_TRANS_COUNT_3	X	X	X	X		X							
593	* TTBIN_TRANS_COUNT_4	X	X	X	X		X							
594	* TTBIN_TRANS_COUNT_5	X	X	X	X		X							
595	* TTBIN_TRANS_COUNT_6	X	X	X	X		X							
596	* TTBIN_TRANS_COUNT_7	X	X	X	X		X							
597	* TTBIN_TRANS_COUNT_8	X	X	X	X		X							
598	* TTBIN_TRANS_COUNT_9	X	X	X	X		X							
599	* TTBIN_TRANS_COUNT_10	X	X	X	X		X							
600	**Transaction Tracker Distribution Metrics**													
601	* TT_NUM_BINS	X	X	X	X		X							
602														
603	**DATA TYPE BYCPU**													
604	**CPU Record Identification Metrics**													
605	* BLANK	X	X	X	X	X	X							
606	* RECORD_DATE	X	X	X	X	X	X							
607	* DATE	X	X	X	X	X	X							
608	* TIME	X	X	X	X	X	X							
609	* YEAR	X	X	X	X	X	X							
610	* DAY	X	X	X	X	X	X							
611	* DATE_SECONDS	X	X	X	X	X	X							
612	* INTERVAL	X	X	X	X	X	X							
613	**Processor Metrics**													
614	* BYCPU_ID	X	X	X	X	X	X		X	X	X	X		X
615	* BYCPU_CPU_CLOCK		X	X	X				X	X	X			X
616	* BYCPU_CPU_SYS_MODE_TIME	X	X	X	X				X	X	X	X		X
617	* BYCPU_CPU_SYS_MODE_UTIL	X	X	X	X	X	X		X	X	X	X		X
618	* BYCPU_CPU_TOTAL_TIME	X	X	X	X				X	X	X	X		X
619	* BYCPU_CPU_TOTAL_UTIL	X	X	X	X	X	X		X	X	X	X		X
620	* BYCPU_CPU_USER_MODE_TIME	X	X	X	X				X	X	X	X		X
621	* BYCPU_CPU_USER_MODE_UTIL	X	X	X	X	X	X		X	X	X	X		X
622	* BYCPU_CSWITCH_RATE	X	X		X	X								

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8	**Metric lists**							**In EPC**						
9	**Name**								**As a "typical" on**					
10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
623	* BYCPU_INTERRUPT	X	X	X					X	X	X			X
624	* BYCPU_INTERRUPT_RATE	X	X	X		X	X		X	X	X			X
625	* BYCPU_STATE	X	X	X	X	X	X		X	X	X			X
626														
627	**DATA TYPE DISK**													
628	**Disk Device Record Identification Metrics**													
629	* BLANK	X	X	X	X	X	X							
630	* RECORD_TYPE	X	X	X	X	X	X							
631	* DATE	X	X	X	X	X	X							
632	* TIME	X	X	X	X	X	X							
633	* YEAR	X	X	X	X	X	X							
634	* DAY	X	X	X	X	X	X							
635	* DATE_SECONDS	X	X	X	X	X	X							
636	* INTERVAL	X	X	X	X	X	X							
637	**Disk Device Summary Metrics**													
638	* BYDSK_ID	X		X	X				X	X	X	X	X	X
639	* BYDSK_DEVNAME	X	X	X	X	X	X		X	X	X	X	X	X
640	* BYDSK_DIRNAME	X		X		X								
641	**Disk Device Disk Metrics**													
642	* BYDSK_AVG_REQUEST_QUEUE			X										
643	* BYDSK_AVG_SERVICE_TIME	X	X	X	X	X								
644	* BYDSK_BUSY_TIME								X	X		X	X	X
645	* BYDSK_CURR_QUEUE_LENGTH					X								
646	* BYDSK_FS_READ	X												
647	* BYDSK_FS_READ_RATE	X												
648	* BYDSK_FS_WRITE	X												
649	* BYDSK_FS_WRITE_RATE	X												
650	* BYDSK_HISTOGRAM	X	X		X		X							
651	* BYDSK_LOGL_READ	X												
652	* BYDSK_LOGL_READ_RATE	X												
653	* BYDSK_LOGL_WRITE	X												
654	* BYDSK_LOGL_WRITE_RATE	X												
655	* BYDSK_PHYS_BYTE	X	X	X	X	X	X		X	X	X	X	X	X
656	* BYDSK_PHYS_BYTE_RATE	X	X	X	X	X	X		X	X	X	X	X	X
657	* BYDSK_PHYS_IO	X	X	X	X	X	X		X	X	X	X	X	X
658	* BYDSK_PHYS_IO_RATE	X	X	X	X	X	X		X	X	X	X	X	X
659	* BYDSK_PHYS_READ	X	X	X	X		X			X	X	X		X
660	* BYDSK_PHYS_READ_BYTE	X	X	X	X		X			X	X	X		X
661	* BYDSK_PHYS_READ_BYTE_RATE	X	X	X	X		X			X	X	X		X
662	* BYDSK_PHYS_READ_RATE	X	X	X	X		X			X	X	X		X
663	* BYDSK_PHYS_WRITE	X	X	X	X		X			X	X	X		X
664	* BYDSK_PHYS_WRITE_BYTE	X	X	X	X		X			X	X	X		X
665	* BYDSK_PHYS_WRITE_BYTE_RATE	X	X	X	X		X			X	X	X		X
666	* BYDSK_PHYS_WRITE_RATE	X	X	X	X		X			X	X	X		X
667	* BYDSK_RAW_READ	X												

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8	**Metric lists**							**In EPC**						
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10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
668	* BYDSK_RAW_READ_RATE	X												
669	* BYDSK_RAW_WRITE	X												
670	* BYDSK_RAW_WRITE_RATE	X												
671	* BYDSK_REQUEST_QUEUE	X	X	X	X	X	X							
672	* BYDSK_SYSTEM_IO	X												
673	* BYDSK_SYSTEM_IO_RATE	X												
674	* BYDSK_UTIL	X	X	X	X	X	X		X	X		X	X	X
675	* BYDSK_VM_IO	X												
676	* BYDSK_VM_IO_RATE	X												
677														
678	**DATA TYPE FS**													
679	**File System Record Identification Metrics**													
680	* BLANK	X	X	X	X	X	X							
681	* RECORD_TYPE	X	X	X	X	X	X							
682	* DATE	X	X	X	X	X	X							
683	* TIME	X	X	X	X	X	X							
684	* YEAR	X	X	X	X	X	X							
685	* DAY	X	X	X	X	X	X							
686	* DATE_SECONDS	X	X	X	X	X	X							
687	* INTERVAL	X	X	X	X	X	X							
688	**File System Summary Metrics**													
689	* FS_DEVNO			X					X	X	X	X	X	X
690	* FS_DEVNAME	X	X	X	X	X	X		X	X	X	X	X	X
691	* FS_DIRNAME	X	X	X	X	X	X		X	X	X	X	X	X
692	* FS_BLOCK_SIZE	X	X	X	X	X	X		X	X	X	X	X	X
693	* FS_FRAG_SIZE	X	X	X	X				X	X	X	X	X	X
694	* FS_MAX_INODES		X	X	X	X			X	X	X	X	X	
695	* FS_MAX_SIZE	X	X	X	X	X	X		X	X	X	X	X	X
696	* FS_SPACE_RESERVED	X	X	X	X									
697	* FS_TYPE	X	X	X	X	X	X		X	X	X	X	X	X
698	**File System Metrics**													
699	* FS_INODE_UTIL		X	X	X	X			X	X	X	X	X	
700	* FS_SPACE_USED	X	X	X	X									
701	* FS_SPACE_UTIL	X	X	X	X	X	X		X	X	X	X	X	X
702														
703	**DATA TYPE LVOLUME**													
704	**Logical Volume Record Identification Metrics**													
705	* BLANK	X	X			X								
706	* RECORD_TYPE	X	X			X								
707	* DATE	X	X			X								
708	* TIME	X	X			X								
709	* YEAR	X	X			X								
710	* DAY	X	X			X								
711	* DATE_SECONDS	X	X			X								
712	* INTERVAL	X	X			X								

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8	**Metric lists**							**In EPC**						
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10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
713	**Logical Volume Summary Metrics**													
714	* LV_GROUP_NAME		X			X								
715	* LV_DIRNAME	X	X			X								
716	* LV_DIRNAME_ALIAS		X											
717	* LV_DEVNAME_ALIAS		X											
718	**Logical Volume Disk Metrics**													
719	* LV_READ_BYTE_RATE	X	X			X								
720	* LV_READ_RATE	X	X			X								
721	* LV_SPACE_UTIL	X	X			X								
722	* LV_WRITE_BYTE_RATE	X	X			X								
723	* LV_WRITE_RATE	X	X			X								
724														
725	**DATA TYPE NETIF**													
726	**Network Interface Record Identification Metrics**													
727	* BLANK	X	X	X	X	X	X							
728	* RECORD_TYPE	X	X	X	X	X	X							
729	* DATE	X	X	X	X	X	X							
730	* TIME	X	X	X	X	X	X							
731	* YEAR	X	X	X	X	X	X							
732	* DAY	X	X	X	X	X	X							
733	* DATE_SECONDS	X	X	X	X	X	X							
734	* INTERVAL	X	X	X	X	X	X							
735	**Network Interface Summary Metrics**													
736	* BYNETIF_ID	X	X	X	X				X	X	X	X	X	X
737	* BYNETIF_NAME	X	X	X	X	X	X		X	X	X	X	X	X
738	* BYNETIF_NET_SPEED	X			X		X							
739	* BYNETIF_NET_MTU	X												
740	**Network Interface Network Metrics**													
741	* BYNETIF_COLLISION	X	X	X	X	X			X	X	X	X	X	
742	* BYNETIF_COLLISION_RATE	X	X	X	X	X			X	X	X	X	X	
743	* BYNETIF_COLLISION_1_MIN_RATE			X		X								
744	* BYNETIF_ERROR	X	X	X	X	X			X	X	X	X	X	X
745	* BYNETIF_ERROR_RATE	X	X	X	X	X			X	X	X	X	X	X
746	* BYNETIF_ERROR_1_MIN_RATE			X		X								
747	* BYNETIF_IN_BYTE			X					X		X	X	X	X
748	* BYNETIF_IN_BYTE_RATE	X	X	X	X	X	X		X		X	X	X	X
749	* BYNETIF_IN_BYTE_RATE_CUM	X		X										
750	* BYNETIF_IN_PACKET	X	X	X	X	X	X		X	X	X	X	X	X
751	* BYNETIF_IN_PACKET_RATE	X	X	X	X	X	X		X	X	X	X	X	X
752	* BYNETIF_OUT_BYTE			X					X		X	X	X	X
753	* BYNETIF_OUT_BYTE_RATE	X	X	X	X	X	X		X		X	X	X	X
754	* BYNETIF_OUT_BYTE_RATE_CUM	X		X										
755	* BYNETIF_OUT_PACKET	X	X	X	X	X	X		X	X	X	X	X	X
756	* BYNETIF_OUT_PACKET_RATE	X	X	X	X	X	X		X	X	X	X	X	X
757	* BYNETIF_PACKET_RATE			X		X	X							

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10		**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**	**OVPA**		**HPUX**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**
11		**HPUX 11.x**	**Solaris**	**Linux**	**AIX**	**Tru64**	**Windows**	**Golden**	**11.x**					
758	* BYNETIF_QUEUE	X												
759	* BYPROTOCOL_IN_PACKET						X							
760	* BYPROTOCOL_IN_PACKET_RATE						X							
761	* BYPROTOCOL_OUT_PACKET						X							
762	* BYPROTOCOL_OUT_PACKET_RATE						X							