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1  =====
2  Fri 14 Apr 2023 11:48:41 - sadmlib_std_demo.py v3.18 - Library v4.30
3  Desc.: Demonstrate functions & variables available to developers using SADMIN Tools
4  sherlock.maison.ca - User: jacques - Arch: x86_64 - SADMIN: /opt/sadmin
5  ALMALINUX (Limelynx) Linux release 9.1 - Kernel 5.14.0-162
6  =====
7
8  -----
9  User var. that affect SADMIN behavior  Description  This system result
10 -----
11 [001] pver  Program version number : 3.18
12 [002] sa.pn  Program name : sadmlib_std_demo.py
13 [003] sa.pinst  Programe name without extension : sadmlib_std_demo
14 [004] sa.pusername  Current user name : jacques
15 [005] sa.ppid  Current Process ID : 1324952
16 [006] sa.multiple_exec  Allow running multiple copy : Y
17 [007] sa.use_rch  Generate entry in .rch file : True
18 [008] sa.log_type  Set Output to [S]creen [L]og [B]oth : B
19 [009] sa.log_append  Append to log(True), New log=(False): False
20 [010] sa.log_header  Generate header in log : True
21 [011] sa.log_footer  Generate footer in log : True
22 [012] sa.pexit_code  Script Exit Return Code : 0
23 [013] sa.proot_only  Script can only be run by root : True
24 [014] sa.psadm_server_only  Script can only run on SADMIN server: False
25
26
27 -----
28 Calling Functions  Description  This System Result
29 -----
30 [001] sa.get_release()  SADMIN Release Number (XX.XX) : 1.4.06 Beta
31 [002] sa.get_ostype()  OS Type (Uppercase,LINUX,AIX,DARWIN): LINUX
32 [003] sa.get_osversion()  Return O/S Version (Ex: 7.2, 6.5) : 9.1
33 [004] sa.get_osmajorversion()  Return O/S Major Version (Ex 7, 6) : 9
34 [005] sa.get_osminorversion()  Return O/S Minor Version (Ex 2, 3) : 1
35 [006] sa.get_osname()  O/S Name (REDHAT,CENTOS,UBUNTU,...) : ALMALINUX
36 [007] sa.get_oscodename()  O/S Project Code Name : LIMELYNX
37 [008] sa.get_kernel_version()  O/S Running Kernel Version : 5.14.0-162
38 [009] sa.get_kernel_bitmode()  O/S Kernel Bit Mode (32 or 64) : 64
39 [010] sa.phostname  Current Host Name : sherlock
40 [011] sa.get_host_ip()  Current Host IP Address : 192.168.1.48
41 [012] sa.get_domainname()  Current Host Domain Name : maison.ca
42 [013] sa.get_fqdn()  Fully Qualified Domain Host Name : sherlock.maison.ca
43 [014] sa.get_serial()  Get System serial Number
44 [015] sa.get_epoch_time()  Get Current Epoch Time : 1681487321
45 [016] sa.epoch_to_date(1681487321)  Convert epoch time to date : 2023.04.14 11:48:41

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46      WDATE=2023.04.14 11:48:41
47 [017] sa.date_to_epoch(WDATE)          Convert Date to epoch time          : 1681487321
48      DATE1 is End date/time : 2018.06.30 10:00:44
49      DATE2 is Start date/time : 2018.06.30 10:00:03
50 [018] sa.elapse_time(DATE1,DATE2)      Elapse Time between two timestamps : 00:00:41
51 [019] sa.get_packagetype()             Get package type (rpm,deb,aix,dmg) : rpm
52 [020] sa.get_arch()                   Get system architecture           : x86_64
53 [021] sa.lock_system(hostname)         Lock specified host, monitoring off : True
54 [022] sa.check_system_lock(hostname)   Check if host specified is lock    : True
55 [023] sa.unlock_system(hostname)       Unlock host specified, monitoring on: True
56 [024] sa.write_log('message'[,lf=true]) Write msg to Screen,Log or Both    : message
57 [025] sa.write_err('message'[,lf=true]) Write message to Log & Error log    : message
58 [026] sa.sendmail(mail,sub,body,att)    sadm_sendmail(email,"subject","body","file1,file2")
59 [027] sa.show_version(pver)            Used -v cmdline to show script info : Ver.+Desc.+LibrVer
60 [028] sa.sleep(60,15)                  Sleep 60 sec & update every 15 sec. : 60...45...30...15...0
61 [029] sa.trimfile(filename,nlines=500) Keep last 500 lines of filename.    : 0=Success 1=Error
62
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64
65 -----
66 FUNCTIONS AVAILABLE ONLY PYTHON      Description                      This System Result
67 -----
68 [001] sa.db_connect('sadmin')          Open connection to database.      : 1=OK 1=Error,conn_obj,con_cursor
69 [002] sa.db_close(pdb_conn,pdb_cur):  Close connection with database.   : 0=Connection close 1=Error
70 [003] sa.db_silent                     If DBerror, No ErrMsg(Return Error#): False
71 [004] sa.db_used                       Need to use SADMIN Database ?     : True
72 [005] sa.silentremove('file')          Silent file delete (no msg, no err) : 0
73 [006] sa.touch_file('filename')        Create an empty file.             : 0=File created 1=Error
74
75
76 -----
77 Overview of the 'sa.start()' and 'sa.stop()' functions
78 -----
79
80 Function 'sa.start(pver,pdesc)'
81   - 'pver' variable in SADMIN section, indicating the program version.
82   - 'pdesc' variable in SADMIN section, is a short description of the program.
83
84 What this function does:
85   1) Make sure all $SADMIN directories & sub-dir. exist and have proper permissions.
86   2) Make sure log files exist with proper permission.
87   3) Write the log header (if 'sa.log_header = True').
88   4) If script run on the SADMIN server, check if system is lock
89   5) Check if PID file exist, show error message and abort.
90   Unless user allow to run simultaneously more than one copy (sa.multiple_exec=True).

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91      6) Record the start Date/Time.
92      7) Add line in the [R]eturn [C]ode [H]istory file stating script is started (Code 2).
93
94
95  Function 'sa.stop(pexit_code)'
96      - 'pexit_code' variable defined in SADMIN section, indicate the program exit code.
97
98  This should be the last function called at the end of your script.
99  It accept one parameter - Either 0 (Successful) or non-zero (Error Encountered).
100  Example : sa.stop(pexit_code)  # Close SADMIN Environment
101
102  What this function does:
103      1) Get actual time and calculate the execution time.
104      2) It check if the exit code is not zero, change it to 1.
105      3) If 'sa.log_footer = True', write the log footer.
106      4) If 'sa.use_rch = True', append (Start/End/Elapse Time ...) in the RCH File.
107      5) Trim The RCH File according to user choice in 'sa.sadm_max_rchline'.
108          No trim is done if 'sa.sadm_max_rchline = 0'.
109      6) Trim the log according to user choice in 'sa.sadm_max_logline'.
110          No trim is done if 'sa.sadm_max_logline = 0'.
111      7) Delete the PID file of the script (sa.pid_file) if it exist.
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116  -----
117  SADMIN CONFIG FILE VARIABLES      Description      This System Result
118  -----
119  [001] sa.sadm_server                SADMIN server name (FQDN)      : sherlock.maison.ca
120  [002] sa.sadm_host_type             SADMIN [C]lient or [S]erver    : S
121  [003] sa.sadm_mail_addr             SADMIN Administrator Default Email : brucetalbot95@gmail.com
122  [004] sa.sadm_alert_type            0=NoMail 1=OnError 3=OnSuccess 4=All: 1
123  [005] sa.sadm_alert_group           Default Alert Group            : default
124  [006] sa.sadm_alert_repeat          Seconds to wait before repeat alert : 0
125  [007] sa.sadm_textbelt_key          TextBelt.com API Key
126  [008] sa.sadm_textbelt_url          TextBelt.com API URL           : https://textbelt.com/text
127  [009] sa.sadm_cie_name              Your Company name              : The Batcave
128  [010] sa.sadm_domain                Server creation default domain : maison.ca
129  [011] sa.sadm_user                  SADMIN User Name               : sadmin
130  [012] sa.sadm_group                 SADMIN Group Name              : sadmin
131  [013] sa.sadm_www_user              User that Run Apache Web Server : apache
132  [014] sa.sadm_www_group             Group that Run Apache Web Server : apache
133  [015] sa.sadm_dbname                SADMIN Database Name           : sadmin
134  [016] sa.sadm_dbhost                SADMIN Database Host           : localhost
135  [017] sa.sadm_dbport                SADMIN Database Host TCP Port  : 3306

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136 [018] sa.sadm_rw_dbuser      SADMIN Database Read/Write User      : sadmin
137 [019] sa.sadm_rw_dbpwd         SADMIN Database Read/Write User Pwd   :
138 [020] sa.sadm_ro_dbuser      SADMIN Database Read Only User       : squery
139 [021] sa.sadm_ro_dbpwd         SADMIN Database Read Only User Pwd   :
140 [022] sa.sadm_smtp_server     Your internet smtp server            : smtp.gmail.com
141 [023] sa.sadm_smtp_port        Your internet smtp server port       : 587
142 [024] sa.sadm_smtp_sender     Your internet smtp email address     : brucetalbot95@gmail.com
143 [025] sa.sadm_gmpw            Your internet smtp email password
144 [026] sa.sadm_ssh_port        SSH Port to communicate with client  : 32
145 [027] sa.sadm_monitor_update_interval SYSMON web page refresh rate (Sec)   : 60
146 [028] sa.sadm_monitor_recent_count SYSMON web page nb. recent scripts   : 10
147 [029] sa.sadm_monitor_recent_exclude SYSMON recent scripts excluded       : sadm_nmon_watcher
148 [030] sa.sadm_nmon_keepdays  Nb. of days to keep nmon perf. file : 40
149 [031] sa.sadm_rch_keepdays   Nb. days to keep unmodified rch file: 40
150 [032] sa.sadm_log_keepdays  Nb. days to keep unmodified log file: 35
151 [033] sa.sadm_max_rchline    Trim rch file to this max. of lines : 35
152 [034] sa.sadm_max_logline   Trim log to this maximum of lines   : 500
153 [035] sa.sadm_network1       Network/Netmask 1 inv. IP/Name/Mac   : 192.168.1.0/24
154 [036] sa.sadm_network2     Network/Netmask 2 inv. IP/Name/Mac
155 [037] sa.sadm_network3     Network/Netmask 3 inv. IP/Name/Mac
156 [038] sa.sadm_network4     Network/Netmask 4 inv. IP/Name/Mac
157 [039] sa.sadm_network5     Network/Netmask 5 inv. IP/Name/Mac
158 [040] sa.sadm_rear_nfs_server ReaR NFS Server IP or Name           : batnas.maison.ca
159 [041] sa.sadm_rear_nfs_mount_point ReaR NFS Mount Point                : /volume1/backup_rear
160 [042] sa.sadm_rear_backup_to_keep ReaR NFS Backup - Nb. to keep        : 3
161 [043] sa.sadm_rear_backup_dif ReaR alert cur vs prev size differ   : 25 %
162 [044] sa.sadm_rear_backup_interval ReaR alert if Backup older than      : 7 days
163 [045] sa.sadm_backup_nfs_server NFS Backup IP or Server Name         : batnas.maison.ca
164 [046] sa.sadm_backup_nfs_mount_point NFS Backup Mount Point               : /volume1/backup_linux
165 [047] sa.sadm_backup_dif Backup alert cur vs prev size differ: 40 %
166 [048] sa.sadm_backup_interval Backup alert if older than X days     : 7 days
167 [049] sa.sadm_daily_backup_to_keep Daily Backup to Keep                  : 3
168 [050] sa.sadm_weekly_backup_to_keep Weekly Backup to Keep                 : 3
169 [051] sa.sadm_monthly_backup_to_keep Monthly Backup to Keep                : 2
170 [052] sa.sadm_yearly_backup_to_keep Yearly Backup to keep                 : 2
171 [053] sa.sadm_weekly_backup_day Weekly Backup Day (1=Mon,7=Sun)       : 5
172 [054] sa.sadm_monthly_backup_date Monthly Backup Date (1-28)           : 1
173 [055] sa.sadm_yearly_backup_month Yearly Backup Month (1-12)            : 12
174 [056] sa.sadm_yearly_backup_date Yearly Backup Date (1-31)             : 31
175 [057] sa.sadm_pid_timeout  PID file default TimeToLive (Sec)   : 7200
176 [058] sa.sadm_lock_timeout  Maximun nb. sec. a host can be lock : 3600
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181	Directories Var. Avail.	Description	This System Result
182			
183	[001] sa.dir_base	SADMIN Root Directory	: /opt/sadmin
184	[002] sa.dir_bin	SADMIN Scripts Directory	: /opt/sadmin/bin
185	[003] sa.dir_tmp	SADMIN Temporary file(s) Directory	: /opt/sadmin/tmp
186	[004] sa.dir_lib	SADMIN Shell & Python Library Dir.	: /opt/sadmin/lib
187	[005] sa.dir_log	SADMIN Script Log Directory	: /opt/sadmin/log
188	[006] sa.dir_cfg	SADMIN Configuration Directory	: /opt/sadmin/cfg
189	[007] sa.dir_sys	Server Startup/Shutdown Script Dir.	: /opt/sadmin/sys
190	[008] sa.dir_doc	SADMIN Documentation Directory	: /opt/sadmin/doc
191	[009] sa.dir_pkg	SADMIN Packages Directory	: /opt/sadmin/pkg
192	[010] sa.dir_dat	Server Data Directory	: /opt/sadmin/dat
193	[011] sa.dir_nmon	Server NMON - Data Collected Dir.	: /opt/sadmin/dat/nmon
194	[012] sa.dir_dr	Server Disaster Recovery Info Dir.	: /opt/sadmin/dat/dr
195	[013] sa.dir_rch	Server Return Code History Dir.	: /opt/sadmin/dat/rch
196	[014] sa.dir_net	Server Network Information Dir.	: /opt/sadmin/dat/net
197	[015] sa.dir_rpt	SYStem MONitor Report Directory	: /opt/sadmin/dat/rpt
198	[016] sa.dir_dbb	Database Backup Directory	: /opt/sadmin/dat/dbb
199	[017] sa.dir_setup	SADMIN Setup Directory.	: /opt/sadmin/setup
200	[018] sa.dir_usr	User/System specific directory	: /opt/sadmin/usr
201	[019] sa.dir_usr_bin	User/System specific bin/script Dir.	: /opt/sadmin/usr/bin
202	[020] sa.dir_usr_lib	User/System specific library Dir.	: /opt/sadmin/usr/lib
203	[021] sa.dir_usr_doc	User/System specific documentation	: /opt/sadmin/usr/doc
204	[022] sa.dir_usr_mon	User/System specific SysMon Scripts	: /opt/sadmin/usr/mon
205	[023] sa.dir_www	SADMIN Web Site Root Directory	: /opt/sadmin/www
206	[024] sa.dir_www_doc	SADMIN Web Site Root Directory	: /opt/sadmin/www/doc
207	[025] sa.dir_www_dat	SADMIN Web Site Systems Data Dir.	: /opt/sadmin/www/dat
208	[026] sa.dir_www_lib	SADMIN Web Site PHP Library Dir.	: /opt/sadmin/www/lib
209	[027] sa.dir_www_tmp	SADMIN Web Temp Working Directory	: /opt/sadmin/www/tmp
210	[028] sa.dir_www_perf	Web system performance Graph Dir.	: /opt/sadmin/www/tmp/perf
211			
212			
213			
214			
215	SADMIN FILES VARIABLES AVAIL.	Description	This System Result
216			
217	[001] sa.pid_file	Current script PID file	: /opt/sadmin/tmp/sadmlib_std_demo.pid
218	[002] sa.cfg_file	SADMIN configuration file	: /opt/sadmin/cfg/sadmin.cfg
219	[003] sa.cfg_hidden	SADMIN configuration template	: /opt/sadmin/cfg/.sadmin.cfg
220	[004] sa.alert_file	Alert group definition file	: /opt/sadmin/cfg/alert_group.cfg
221	[005] sa.alert_init	Alert group template file	: /opt/sadmin/cfg/.alert_group.cfg
222	[006] sa.alert_hist	Alert History file	: /opt/sadmin/cfg/alert_history.txt
223	[007] sa.alert_hini	Alert History template file	: /opt/sadmin/cfg/.alert_history.txt
224	[008] sa.tmp_file1	User usable Temp Work File 1	: /opt/sadmin/tmp/sadmlib_std_demo_1.1324952
225	[009] sa.tmp_file2	User usable Temp Work File 2	: /opt/sadmin/tmp/sadmlib_std_demo_2.1324952

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226 [010] sa.tmp_file3      User usable Temp Work File 3      : /opt/sadmin/tmp/sadmlib_std_demo_3.1324952
227 [011] sa.log_file       Script Log File                    : /opt/sadmin/log/sherlock_sadmlib_std_demo.log
228 [012] sa.rch_file       Script Return Code History File   : /opt/sadmin/dat/rch/
    sherlock_sadmlib_std_demo.rch
229 [013] sa.dbpass_file    SADMIN Database User Password File : /opt/sadmin/cfg/.dbpass
230 [014] sa.rpt_file       [SYS]tem [MON]itor report file     : /opt/sadmin/dat/rpt/sherlock.rpt
231 [015] sa.backup_list    Backup list file name              : /opt/sadmin/cfg/backup_list.txt
232 [016] sa.backup_list_init Backup list template file          : /opt/sadmin/cfg/.backup_list.txt
233 [017] sa.backup_exclude Backup exclude list file name      : /opt/sadmin/cfg/backup_exclude.txt
234 [018] sa.backup_exclude_init Backup exclude template file       : /opt/sadmin/cfg/.backup_exclude.txt
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239 -----
239 COMMAND PATH USE BY SADMIN STD. LIBR.  Description                      This System Result
240 -----
241 [001] sa.cmd_dmidecode  Cmd. 'dmidecode', Get model & type : /usr/sbin/dmidecode
242 [002] sa.cmd_bc         Cmd. 'bc', Do some Math.           : /usr/bin/bc
243 [003] sa.cmd_fdisk      Cmd. 'fdisk', Get Partition Info   : /usr/sbin/fdisk
244 [004] sa.cmd_which      Cmd. 'which', Get Command location : /usr/bin/which
245 [005] sa.cmd_locate     Cmd. 'locate', Get Command location : /usr/bin/locate
246 [006] sa.cmd_perl       Cmd. 'perl', epoch time Calc.      : /usr/bin/perl
247 [007] sa.cmd_mutt       Cmd. 'mutt', Used to Send Email    : /usr/bin/mutt
248 [008] sa.cmd_curl       Cmd. 'curl', To send alert to Slack : /usr/bin/curl
249 [009] sa.cmd_lscpu      Cmd. 'lscpu', Socket & thread info : /usr/bin/lscpu
250 [010] sa.cmd_nmon       Cmd. 'nmon', Collect Perf Statistic : /usr/bin/perl
251 [011] sa.cmd_parted     Cmd. 'parted', Get Disk Real Size  : /usr/sbin/parted
252 [012] sa.cmd_ethtool    Cmd. 'ethtool', Get System IP Info : /usr/sbin/ethtool
253 [013] sa.cmd_ssh        Cmd. 'ssh', SSH to SADMIN client    : /usr/bin/ssh
254 [014] sa.cmd_ssh_full   Cmd. 'ssh', SSH to connect to client: /usr/bin/ssh -qnp 32
255 [015] sa.cmd_rrdtool     Cmd. 'rrdtool' to produce graph     : /usr/bin/rrdtool
256 [016] sa.cmd_lsb_release Cmd. 'lsb_release' to get dist. info: /usr/lib/dkms/lsb_release
257 [017] sa.cmd_inxi       Cmd. 'inxi' binary location         : /usr/bin/inxi
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262 -----
262 Database Information      Description                      This System Result
263 -----
264 [001] sa.db_silent       When DBerror, No ErrMsg (Just ErrNo): False
265 [002] sa.db_used        Script need (Open/Close) Database ? : True
266 Database connection succeeded
267
268
269 Show SADMIN Tables:

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270 +-----+
271 | Tables_in_sadmin |
272 +-----+
273 | script
274 | script_rch
275 | server
276 | server_category
277 | server_group
278 | server_network
279 +-----+

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282 Category Table:

283	Field	Type	Null	Key	Default	Extra
286	cat_id	int(11)	NO	PRI	NULL	auto_increment
287	cat_code	varchar(10)	NO	UNI	NULL	
288	cat_desc	varchar(25)	NO		NULL	
289	cat_active	tinyint(1)	NO		1	
290	cat_date	timestamp	NO		0000-00-00 00:00:00	on update current_timestamp()
291	cat_default	tinyint(1)	NO		0	

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293

294	Table	Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed
	Null Index_type	Comment	Index_comment						
296	server_category	0	PRIMARY	1	cat_id	A	7	NULL	NULL
	BTREE								
297	server_category	0	key_cat_code	1	cat_code	A	7	NULL	NULL
	BTREE								

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300	cat_id	cat_code	cat_desc	cat_active	cat_date	cat_default
302	2	Legacy	Legacy System	1	2023-04-05 11:24:30	0
303	3	Dev	Development System	1	2023-04-05 11:24:45	1
304	5	Poc	Proof Of Concept System	1	2023-04-05 11:24:02	0
305	6	Prod	Production System	1	2023-04-05 11:24:17	0
306	13	Laptop	Mobile Laptop	1	2023-03-15 15:06:38	0
307	15	SBC	Single Board Computer	1	2023-04-05 11:25:49	0
308	16	Temp	Temporary System	1	2023-04-05 11:36:57	0

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312 Group Table:
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313 +-----+-----+-----+-----+-----+-----+-----+
314 | Field      | Type      | Null | Key | Default      | Extra      |
315 +-----+-----+-----+-----+-----+-----+-----+
316 | grp_id     | int(11)   | NO   | PRI | NULL         | auto_increment
317 | grp_code   | varchar(10) | NO   | UNI | NULL         |
318 | grp_desc   | varchar(25) | NO   |     | NULL         |
319 | grp_active | tinyint(1) | NO   |     | 1            |
320 | grp_date   | timestamp | NO   |     | current_timestamp() | on update current_timestamp()
321 | grp_default | tinyint(1) | NO   |     | 0            |
322 +-----+-----+-----+-----+-----+-----+-----+
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323 +-----+-----+-----+-----+-----+-----+-----+
324 | Table      | Non_unique | Key_name | Seq_in_index | Column_name | Collation | Cardinality | Sub_part | Packed |
325 | Null | Index_type | Comment | Index_comment |
326 +-----+-----+-----+-----+-----+-----+-----+
327 | server_group | 0 | PRIMARY | 1 | grp_id | A | 5 | NULL | NULL |
328 | BTREE | 0 | idx_grp_code | 1 | grp_code | A | 5 | NULL | NULL |
329 | BTREE |
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329 +-----+-----+-----+-----+-----+-----+-----+
330 | grp_id | grp_code | grp_desc | grp_active | grp_date | grp_default |
331 +-----+-----+-----+-----+-----+-----+-----+
332 | 3 | Service | Infrastructure Service | 1 | 2017-11-07 00:00:00 | 0 |
333 | 4 | Retired | System not in use | 1 | 2023-04-05 11:26:50 | 0 |
334 | 5 | Raspberry | Raspberry Pi | 1 | 2019-03-17 14:38:24 | 0 |
335 | 6 | Regular | Application system | 1 | 2023-04-05 11:26:34 | 1 |
336 +-----+-----+-----+-----+-----+-----+-----+
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339 Server Table:
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340 +-----+-----+-----+-----+-----+-----+-----+
341 | Field      | Type      | Null | Key | Default      | Extra      |
342 +-----+-----+-----+-----+-----+-----+-----+
343 | srv_id     | int(11)   | NO   | PRI | NULL         | auto_increment
344 | srv_name   | varchar(15) | NO   | UNI | NULL         |
345 | srv_domain | varchar(30) | NO   |     | NULL         |
346 | srv_desc   | varchar(30) | NO   |     | NULL         |
347 | srv_tag    | varchar(15) | YES  |     | NULL         |
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[illegible]


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432 | scr_alert_type      | smallint(6)      | NO |      | 1 |
433 | scr_sysadm_email    | varchar(50)      | NO |      | NULL |
434 | scr_multiple_exec    | tinyint(1)       | NO |      | 0 |
435 | scr_use_rch         | tinyint(1)       | NO |      | 1 |
436 | scr_log_type        | varchar(1)       | NO |      | B |
437 | scr_log_append      | tinyint(1)       | NO |      | 0 |
438 | scr_log_header      | tinyint(1)       | NO |      | 1 |
439 | scr_log_footer      | tinyint(1)       | NO |      | 1 |
440 | scr_active         | tinyint(1)       | NO |      | 1 |
441 | scr_max_logline     | int(11)          | NO |      | 500 |
442 | scr_max_rchline     | int(11)          | NO |      | 35 |
443 | scr_pid_timeout     | int(11)          | NO |      | 7200 |
444 | src_max_inactive_days | int(3)          | NO |      | 31 |
445 | scr_root_exec       | tinyint(4)       | NO |      | 0 |
446 | scr_run_sadmin      | tinyint(4)       | NO |      | 0 |
447 | scr_os              | varchar(10)      | NO |      | any |
448 | scr_last_activity   | datetime         | NO |      | current_timestamp() |
449 | scr_severity        | smallint(6)      | NO |      | 1 |
450 | scr_exclude        | set('0','1')     | NO |      | 0 |
451 | scr_log_keepdays   | smallint(6)      | NO |      | 0 |
452 | scr_rch_keepdays   | smallint(6)      | NO |      | 0 |
453 +-----+-----+-----+-----+-----+-----+-----+
454 +-----+-----+-----+-----+-----+-----+-----+
455 | Table | Non_unique | Key_name | Seq_in_index | Column_name | Collation | Cardinality | Sub_part | Packed | Null |
456 | Index_type | Comment | Index_comment |
457 +-----+-----+-----+-----+-----+-----+-----+
457 | script | 0 | PRIMARY | 1 | scr_id | A | 0 | NULL | NULL |
458 | BTREE | | | | | | | | |
458 | script | 0 | scr_name_key | 1 | scr_name | A | 0 | NULL | NULL | YES |
459 | BTREE | | | | | | | | |
459 +-----+-----+-----+-----+-----+-----+-----+
460 +-----+-----+-----+-----+-----+-----+-----+
461
462
463 Script_rch:
464 +-----+-----+-----+-----+-----+-----+-----+
465 | Field | Type | Null | Key | Default | Extra |
466 +-----+-----+-----+-----+-----+-----+-----+
467 | scrdet_host | varchar(15) | NO | PRI | NULL |
468 | scrdet_name | varchar(40) | NO | PRI | NULL |
469 | srcdet_start | timestamp | NO | PRI | 0000-00-00 00:00:00 |
470 | srcdet_end | timestamp | YES | | NULL |

```

```

471 | scrdet_status      | tinyint(2)      | NO  |      | 0      |      |
472 | scrdet_active      | int(1)          | NO  |      | 1      |      |
473 | srcdet_elapse      | time           | YES |      | NULL   |      |
474 | scrdet_alertcode   | tinyint(3) unsigned | YES |      | NULL   |      |
475 | scrdet_alertgroup  | varchar(30)     | YES |      | NULL   |      |
476 +-----+-----+-----+-----+-----+-----+-----+
477 +-----+-----+-----+-----+-----+-----+-----+
478 | Table      | Non_unique | Key_name | Seq_in_index | Column_name | Collation | Cardinality | Sub_part | Packed | Null |
479 | Index_type | Comment    | Index_comment |      |      |      |      |      |      |      |
480 +-----+-----+-----+-----+-----+-----+-----+
480 | script_rch |      0 | PRIMARY |      1 | scrdet_host | A      |      0 |      NULL | NULL |      |
481 | BTREE      |      |      |      |      |      |      |      |      |      |
481 | script_rch |      0 | PRIMARY |      2 | scrdet_name | A      |      0 |      NULL | NULL |      |
482 | BTREE      |      |      |      |      |      |      |      |      |      |
482 | script_rch |      0 | PRIMARY |      3 | srcdet_start | A      |      0 |      NULL | NULL |      |
483 | BTREE      |      |      |      |      |      |      |      |      |      |
483 +-----+-----+-----+-----+-----+-----+-----+
484 Closing Database pdb_connection
485
486
487 =====
488 Script exit code is 0 (Success) and execution time is 00:00:00
489 History file /opt/sadmin/dat/rch/sherlock_sadmlib_std_demo.rch trim to 100 lines.
490 Send an alert only when it terminate with error.
491 Trim log file /opt/sadmin/log/sherlock_sadmlib_std_demo.log to 500 lines.
492 Fri 14 Apr 2023 11:48:41 - End of sadmlib_std_demo.py
493 =====
494

```