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1 =====
2 sadmlib_std_demo.sh v3.16 - Library v3.20
3 User Var. that affect SADMIN behavior  Description                      This System Result
4 =====
5 [001] $SADM_VER           Script Version Number           : 3.16
6 [002] $SADM_PN           Script Name                      : sadmlib_std_demo.sh
7 [003] $SADM_INST        Script Name Without Extension    : sadmlib_std_demo
8 [004] $SADM_USERNAME     Current User Name                : root
9 [005] $SADM_TPID        Current Process ID              : 13460
10 [006] $SADM_MULTIPLE_EXEC Allow running multiple copy      : Y
11 [007] $SADM_USE_RCH     Gen. entry in .rch file         : N
12 [008] $SADM_LOG_TYPE    Set Output to [S]creen [L]og [B]oth : B
13 [009] $SADM_LOG_APPEND  Append Log or Create New One    : N
14 [010] $SADM_LOG_HEADER  Generate Header in log          : N
15 [011] $SADM_LOG_FOOTER  Generate or not Footer in log   : N
16 [012] $SADM_EXIT_CODE   Script Exit Return Code         : 0
17
18
19 =====
20 sadmlib_std_demo.sh v3.16 - Library v3.20
21 Calling Functions      Description                      This System Result
22 =====
23 [001] $(sadm_get_release) SADMIN Release Number (XX.XX)   : 1.2.0
24 [002] $(sadm_get_ostype) OS Type (Uppercase,LINUX,AIX,DARWIN): LINUX
25 [003] $(sadm_get_osversion) Return O/S Version (Ex: 7.2, 6.5) : 7.7.1908
26 [004] $(sadm_get_osmajorversion) Return O/S Major Version (Ex 7, 6) : 7
27 [005] $(sadm_get_osminorversion) Return O/S Minor Version (Ex 2, 3) : 7
28 [006] $(sadm_get_osname) O/S Name (REDHAT,CENTOS,UBUNTU,...) : CENTOS
29 [007] $(sadm_get_oscodename) O/S Project Code Name          : Core
30 [008] $(sadm_get_kernel_version) O/S Running Kernel Version     : 3.10.0-1062.4.1.el7.x86_64
31 [009] $(sadm_get_kernel_bitmode) O/S Kernel Bit Mode (32 or 64)  : 64
32 [010] $(sadm_get_hostname) Current Host Name                : holmes
33 [011] $(sadm_get_host_ip) Current Host IP Address          : 192.168.1.12
34 [012] $(sadm_get_domainname) Current Host Domain Name        : maison.ca
35 [013] $(sadm_get_fqdn) Fully Qualified Domain Host Name : holmes.maison.ca
36 [014] $(sadm_get_epoch_time) Get Current Epoch Time          : 1574607373
37 [015] $(sadm_epoch_to_date 1574607373) Convert epoch time to date      : 2019.11.24 09:56:13
38 WDATE='2019.11.24 09:56:13'

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39 [016] $(sadm_date_to_epoch "$WDATE") Convert Date to epoch time : 1574607373
40 DATE1='2016.01.30 10:00:44'
41 DATE2='2016.01.30 10:00:03'
42 [017] $(sadm_elapse "$DATE1" "$DATE2") Elapse Time between two timestamps : 00:00:41
43 [018] $(sadm_get_packagetype) Get package type (rpm,deb,aix,dmg) : rpm
44
45
46 =====
47 sadmlib_std_demo.sh v3.16 - Library v3.20
48 SADMIN BASH SHELL SPECIFIC FUNCTIONS Description This System Result
49 =====
50 [001] $(sadm_server_type) Host is Physical or Virtual (P/V) : P
51 [002] $(sadm_server_model) Server model (Ex: HP ProLiant DL580): OptiPlex 7020
52 [003] $(sadm_server_serial) Server serial number (Ex: 4S7GYF1) : BJSV942
53 [004] $(sadm_server_memory) Server total memory in MB (Ex: 3790): 7729
54 [005] $(sadm_server_hardware_bitmode) CPU Hardware capable of 32/64 bits : 64
55 [006] $(sadm_server_nb_logical_cpu) Number of Logical CPU on server : 4
56 [007] $(sadm_server_nb_cpu) Number of Physical CPU on server : 1
57 [008] $(sadm_server_arch) System Architecture : x86_64
58 [009] $(sadm_server_nb_socket) Number of socket on server : 1
59 [010] $(sadm_server_core_per_socket) Number of Core per Socket : 4
60 [011] $(sadm_server_thread_per_core) Number of Thread per Core : 1
61 [012] $(sadm_server_cpu_speed) Server CPU Speed in MHZ : 3481
62 [013] $(sadm_server_disks) Disks list(MB) (DISKNAME|SIZE,...) : sda|512000,sdb|1024000
63 [014] $(sadm_server_vg) VG list(MB) (VGNAME|SIZE|USED|FREE) : rootvg|476426|449526|26900
64 [015] $(sadm_server_ips) Network IP(Name|IP|Netmask|MAC) : em1|192.168.1.12|255.255.255.0|
- 98:90:96:b7:64:a2,em1:1|192.168.1.20|255.255.255.0|98:90:96:b7:64:a2,em1:2|192.168.1.68|255.255.255.0|
- 98:90:96:b7:64:a2,em1:3|192.168.1.13|255.255.255.0|98:90:96:b7:64:a2,em1:4|192.168.1.6|255.255.255.0|
- 98:90:96:b7:64:a2,em1:5|192.168.1.23|255.255.255.0|98:90:96:b7:64:a2,em1:6|192.168.1.126|255.255.255.0|
- 98:90:96:b7:64:a2,em1:7|192.168.1.28|255.255.255.0|98:90:96:b7:64:a2,em1:8|192.168.1.43|255.255.255.0|
- 98:90:96:b7:64:a2
65 [016] sadm_toupper string Return string uppercase : STRING
66 [017] sadm_tolower STRING Return string lowercase : string
67
68
69 =====
70 sadmlib_std_demo.sh v3.16 - Library v3.20
71 Overview of sadm_start and sadm_stop function

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72 =====
73 Example of utilization:
74
75 # sadm_start                               # Init Env Dir & RC/Log File
76 # if [ $? -ne 0 ] ; then sadm_stop 1 ; exit 1 ;fi # Exit if Problem
77 # main_process                             # Main Process
78 # SADM_EXIT_CODE=$?                       # Save Error Code
79 # sadm_stop $SADM_EXIT_CODE               # Close SADM Tool & Upd RCH
80 # exit $SADM_EXIT_CODE                   # Exit With Global Err (0/1)
81
82 sadm_start
83 Start and initialize sadm environment - Accept no Parameter
84 If SADMIN root directory is not /sadmin, make sure the SADMIN Env. variable is set to proper dir.
85 Please call this function when your script is starting
86 What this function will do for us :
87     1) Make sure all directories & sub-directories exist and have proper permissions.
88     2) Make sure log file exist with proper permission (/sadmin/log/holmes_sadmlib_std_demo.log)
89     3) Make sure Return Code History (.rch) exist and have the right permission
90     4) If PID file exist, show error message and abort.
91     Unless user allow more than one copy to run simultaneously (SADM_MULTIPLE_EXEC='Y')
92     5) Add line in the [R]eturn [C]ode [H]istory file stating script is started (Code 2)
93     6) Write HostName - Script name and version - O/S Name and version to the Log file (SADM_LOG)
94
95 sadm_stop
96 Accept one parameter - Either 0 (Successfull) or non-zero (Error Encountered)
97 Please call this function just before your script end
98 What this function do.
99     1) If Exit Code is not zero, change it to 1.
100    2) Get Actual Time and Calculate the Execution Time.
101    3) Writing the Script Footer in the Log (Script Return code, Execution Time, ...)
102    4) Update the RCH File (Start/End/Elapse Time and the Result Code)
103    5) Trim The RCH File Based on User choice in sadmin.cfg
104    6) Write to Log the user mail alerting type choose by user (sadmin.cfg)
105    7) Trim the Log based on user selection in sadmin.cfg
106    8) Send Email to sysadmin (if user selected that option in sadmin.cfg)
107    9) Delete the PID File of the script (SADM_PID_FILE)
108   10) Delete the User 3 TMP Files (SADM_TMP_FILE1, SADM_TMP_FILE2, SADM_TMP_FILE3)
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113 =====
114 sadmlib_std_demo.sh v3.16 - Library v3.20
115 SADMIN CONFIG FILE VARIABLES          Description                      This System Result
116 =====
117 [001] $SADM_SERVER                    SADMIN SERVER NAME (FQDN)       : holmes.maison.ca
118 [002] $SADM_HOST_TYPE                 SADMIN [C]lient or [S]erver    : S
119 [003] $SADM_MAIL_ADDR                 SADMIN Administrator Default Email : duplessis.jacques@gmail.com
120 [004] $SADM_ALERT_TYPE                0=NoMail 1=OnError 2=OnSuccess 3=All: 1
121 [005] $SADM_ALERT_GROUP               Default Alert Group            : default
122 [006] $SADM_ALERT_REPEAT              Seconds to wait before repeat alert : 0
123 [007] $SADM_TEXTBELT_URL              TextBelt.com API URL          : https://textbelt.com/text
124 [008] $SADM_CIE_NAME                  Your Company Name              : Your Cie Name
125 [009] $SADM_DOMAIN                   Server Creation Default Domain  : maison.ca
126 [010] $SADM_USER                      SADMIN User Name               : sadmin
127 [011] $SADM_GROUP                     SADMIN Group Name              : sadmin
128 [012] $SADM_WWW_USER                  User that Run Apache Web Server : apache
129 [013] $SADM_WWW_GROUP                 Group that Run Apache Web Server : apache
130 [014] $SADM_DBNAME                   SADMIN Database Name           : sadmin
131 [015] $SADM_DBHOST                    SADMIN Database Host           : sadmin.maison.ca
132 [016] $SADM_DBPORT                    SADMIN Database Host TCP Port  : 3306
133 [017] $SADM_RW_DBUSER                 SADMIN Database Read/Write User : sadmin
134 [018] $SADM_RW_DBPWD                  SADMIN Database Read/Write User Pwd :
135 [019] $SADM_RO_DBUSER                 SADMIN Database Read Only User  : squery
136 [020] $SADM_RO_DBPWD                  SADMIN Database Read Only User Pwd :
137 [021] $SADM_RRDTOOL                   RRDTOOL Binary Location        : /bin/rrdtool
138 [022] $SADM_SSH_PORT                  SSH Port to communicate with client : 32
139 [023] $SADM_NMON_KEEPDAYS             Nb. of days to keep nmon perf. file : 40
140 [024] $SADM_RCH_KEEPDAYS              Nb. days to keep unmodified rch file: 40
141 [025] $SADM_LOG_KEEPDAYS              Nb. days to keep unmodified log file: 40
142 [026] $SADM_MAX_RCLINE                 Trim rch file to this max. of lines : 35
143 [027] $SADM_MAX_LOGLINE                Trim log to this maximum of lines  : 500
144 [028] $SADM_NETWORK1                  Network/Netmask 1 inv. IP/Name/Mac : 192.168.1.0/24
145 [029] $SADM_NETWORK2                  Network/Netmask 2 inv. IP/Name/Mac :
146 [030] $SADM_NETWORK3                  Network/Netmask 3 inv. IP/Name/Mac :
147 [031] $SADM_NETWORK4                  Network/Netmask 4 inv. IP/Name/Mac :

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148 [032] $SADM_NETWORK5      Network/Netmask 5 inv. IP/Name/Mac :
149 [033] $SADM_MKSYSB_NFS_SERVER  AIX MKSYSB NFS Server IP or Name : batnfs.maison.ca
150 [034] $SADM_MKSYSB_NFS_MOUNT_POINT  AIX MKSYSB NFS Mount Point : /volume1/mksysb
151 [035] $SADM_MKSYSB_BACKUP_TO_KEEP  AIX MKSYSB NFS Backup - Nb. to keep : 2
152 [036] $SADM_REAR_NFS_SERVER      Rear NFS Server IP or Name : batnas.maison.ca
153 [037] $SADM_REAR_NFS_MOUNT_POINT  Rear NFS Mount Point : /volume1/Linux_DR
154 [038] $SADM_REAR_BACKUP_TO_KEEP  Rear NFS Backup - Nb. to keep : 3
155 [039] $SADM_BACKUP_NFS_SERVER     NFS Backup IP or Server Name : batnas.maison.ca
156 [040] $SADM_BACKUP_NFS_MOUNT_POINT NFS Backup Mount Point : /volume1/backup_linux
157 [041] $SADM_DAILY_BACKUP_TO_KEEP  Nb. of Daily Backup to keep : 4
158 [042] $SADM_WEEKLY_BACKUP_TO_KEEP  Nb. of Weekly Backup to keep : 4
159 [043] $SADM_MONTHLY_BACKUP_TO_KEEP  Nb. of Monthly Backup to keep : 4
160 [044] $SADM_YEARLY_BACKUP_TO_KEEP  Nb. of Yearly Backup to keep : 2
161 [045] $SADM_WEEKLY_BACKUP_DAY     Weekly Backup Day (1=Mon,...,7=Sun) : 5
162 [046] $SADM_MONTHLY_BACKUP_DATE   Monthly Backup Date (1-28) : 1
163 [047] $SADM_YEARLY_BACKUP_MONTH   Month to take Yearly Backup (1-12) : 12
164 [048] $SADM_YEARLY_BACKUP_DATE   Date to do Yearly Backup(1-DayInMth): 31

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167 =====

168 sadmlib_std_demo.sh v3.16 - Library v3.20

169 Client Directories Var. Avail. Description This System Result

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171 [001] $SADM_BASE_DIR      SADMIN Root Directory : /sadmin
172 [002] $SADM_BIN_DIR      SADMIN Scripts Directory : /sadmin/bin
173 [003] $SADM_TMP_DIR      SADMIN Temporary file(s) Directory : /sadmin/tmp
174 [004] $SADM_LIB_DIR      SADMIN Shell & Python Library Dir. : /sadmin/lib
175 [005] $SADM_LOG_DIR      SADMIN Script Log Directory : /sadmin/log
176 [006] $SADM_CFG_DIR      SADMIN Configuration Directory : /sadmin/cfg
177 [007] $SADM_SYS_DIR      Server Startup/Shutdown Script Dir. : /sadmin/sys
178 [008] $SADM_DOC_DIR      SADMIN Documentation Directory : /sadmin/doc
179 [009] $SADM_PKG_DIR      SADMIN Packages Directory : /sadmin/pkg
180 [010] $SADM_DAT_DIR      Server Data Directory : /sadmin/dat
181 [011] $SADM_NMON_DIR     Server NMON - Data Collected Dir. : /sadmin/dat/nmon
182 [012] $SADM_DR_DIR      Server Disaster Recovery Info Dir. : /sadmin/dat/dr
183 [013] $SADM_RCH_DIR     Server Return Code History Dir. : /sadmin/dat/rch
184 [014] $SADM_NET_DIR     Server Network Info Dir. : /sadmin/dat/net
185 [015] $SADM_RPT_DIR     SYStem MONitor Report Directory : /sadmin/dat/rpt

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186 [016] $$ADM_DBB_DIR      Database Backup Directory      : /sadmin/dat/dbb
187 [017] $$ADM_SETUP_DIR   SADMIN Installation/Update Dir. : /sadmin/setup
188 [018] $$ADM_USR_DIR     User/System specific directory : /sadmin/usr
189 [019] $$ADM_UBIN_DIR    User/System specific bin/script Dir.: /sadmin/usr/bin
190 [020] $$ADM_ULIB_DIR    User/System specific library Dir. : /sadmin/usr/lib
191 [021] $$ADM_UDOC_DIR   User/System specific documentation : /sadmin/usr/doc
192 [022] $$ADM_UMON_DIR   User/System specific SysMon Scripts : /sadmin/usr/mon

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195 =====
196 sadmlib_std_demo.sh v3.16 - Library v3.20

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197 Server Directories Var. Avail.      Description                      This System Result

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198 =====

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199 [001] $$ADM_WWW_DIR      SADMIN Web Site Root Directory  : /sadmin/www
200 [002] $$ADM_WWW_DOC_DIR SADMIN Web Documentation Dir.   : /sadmin/www/doc
201 [003] $$ADM_WWW_DAT_DIR SADMIN Web Site Systems Data Dir. : /sadmin/www/dat
202 [004] $$ADM_WWW_LIB_DIR SADMIN Web Site PHP Library Dir. : /sadmin/www/lib
203 [005] $$ADM_WWW_TMP_DIR SADMIN Web Temp Working Directory : /sadmin/www/tmp
204 [006] $$ADM_WWW_PERF_DIR SADMIN Web Performance Graph Dir. : /sadmin/www/tmp/perf

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207 =====
208 sadmlib_std_demo.sh v3.16 - Library v3.20

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209 SADMIN FILES VARIABLES AVAIL.      Description                      This System Result

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211 [001] $$ADM_PID_FILE    Current script PID file         : /sadmin/tmp/sadmlib_std_demo.pid
212 [002] $$ADM_CFG_FILE    SADMIN Configuration File       : /sadmin/cfg/sadmin.cfg
213 [003] $$ADM_CFG_HIDDEN SADMIN Initial Configuration File : /sadmin/cfg/.sadmin.cfg
214 [004] $$ADM_ALERT_FILE SADMIN Alert Group File         : /sadmin/cfg/alert_group.cfg
215 [005] $$ADM_ALERT_INIT SADMIN Initial Alert Group File  : /sadmin/cfg/.alert_group.cfg
216 [006] $$ADM_SLACK_FILE SADMIN Slack Channel WebHook File : /sadmin/cfg/alert_slack.cfg
217 [007] $$ADM_SLACK_INIT SADMIN Initial Slack WebHook File : /sadmin/cfg/.alert_slack.cfg
218 [008] $$ADM_ALERT_HIST SADMIN Alert History File       : /sadmin/cfg/alert_history.txt
219 [009] $$ADM_ALERT_HINI SADMIN Initial Alert History File : /sadmin/cfg/.alert_history.txt
220 [010] $$ADM_ALERT_SEQ  SADMIN Alert Reference Number File :
221 [011] $$ADM_TMP_FILE1  User usable Temp Work File 1    : /sadmin/tmp/sadmlib_std_demo_1.13460
222 [012] $$ADM_TMP_FILE2  User usable Temp Work File 2    : /sadmin/tmp/sadmlib_std_demo_2.13460
223 [013] $$ADM_TMP_FILE3  User usable Temp Work File 3    : /sadmin/tmp/sadmlib_std_demo_3.13460

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224 [014] $SADM_LOG           Script Log File           : /sadmin/log/holmes_sadmlib_std_demo.log
225 [015] $SADM_RCHLOG       Script Return Code History File : /sadmin/dat/rch/
- holmes_sadmlib_std_demo.rch
226 [016] $DBPASSFILE       SADMIN Database User Password File : /sadmin/cfg/.dbpass
227 [017] $SADM_RPT_FILE     SYStem MONitor Report File : /sadmin/dat/rpt/holmes.rpt
228 [018] $SADM_BACKUP_LIST Backup List File Name : /sadmin/cfg/backup_list.txt
229 [019] $SADM_BACKUP_LIST_INIT Initial Backup List (Template) : /sadmin/cfg/.backup_list.txt
230 [020] $SADM_BACKUP_EXCLUDE Backup Exclude List File Name : /sadmin/cfg/backup_exclude.txt
231 [021] $SADM_BACKUP_EXCLUDE_INIT Initial Backup Exclude (Template) : /sadmin/cfg/.backup_exclude.txt
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234 =====
235 sadmlib_std_demo.sh v3.16 - Library v3.20

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236 COMMAND PATH USE BY SADMIN STD. LIBR. Description This System Result

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237 =====
238 [001] $SADM_LSB_RELEASE   Cmd. 'lsb_release', Get O/S Version : /bin/lsb_release
239 [002] $SADM_DMIDECODE    Cmd. 'dmidecode', Get model & type : /sbin/dmidecode
240 [003] $SADM_BC           Cmd. 'bc', Do some Math. : /bin/bc
241 [004] $SADM_FDISHK      Cmd. 'fdisk', Get Partition Info : /sbin/fdisk
242 [005] $SADM_WHICH       Cmd. 'which', Get Command location : /bin/which
243 [006] $SADM_PERL        Cmd. 'perl', epoch time Calc. : /bin/perl
244 [007] $SADM_MAIL        Cmd. 'mail', Send SysAdmin Email : /bin/mail
245 [008] $SADM_MUTT        Cmd. 'mutt', Used to Send Email : /bin/mutt
246 [009] $SADM_CURL        Used to send alert to Slack : /bin/curl
247 [010] $SADM_LSCPU       Cmd. 'lscpu', Socket & thread info : /bin/lscpu
248 [011] $SADM_NMON        Cmd. 'nmon', Collect Perf Statistic : /bin/nmon
249 [012] $SADM_PARTED      Cmd. 'parted', Get Disk Real Size : /sbin/parted
250 [013] $SADM_ETHTOOL     Cmd. 'ethtool', Get System IP Info : /sbin/ethtool
251 [014] $SADM_SSH         Cmd. 'ssh', SSH to SADMIN client : /bin/ssh
252 [015] $SADM_SSH_CMD     Cmd. 'ssh', SSH to Connect to client: /bin/ssh -qnp32

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255 =====
256 sadmlib_std_demo.sh v3.16 - Library v3.20

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257 Database Information Description This System Result

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260 Show SADMIN Tables:

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261 +-----+
262 | server |
263 | server_category |
264 | server_group |
265 | server_network |
266 +-----+

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268

269 Category Table:

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270 +-----+-----+-----+-----+-----+-----+-----+
271 | cat_id      | int(11)      | NO | PRI | NULL          |          | auto_increment |
272 | cat_code    | varchar(10)  | NO | UNI | NULL          |          |                |
273 | cat_desc    | varchar(25)  | NO |     | NULL          |          |                |
274 | cat_active  | tinyint(1)   | NO |     | 1             |          |                |
275 | cat_date    | timestamp    | NO |     | 0000-00-00 00:00:00 | on update CURRENT_TIMESTAMP |
276 | cat_default | tinyint(1)   | NO |     | 0             |          |                |
277 +-----+-----+-----+-----+-----+-----+-----+

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279 | 2 | Legacy      | Legacy Unsupported Server | 1 | 2019-01-21 11:36:23 | 0 |
280 | 3 | Dev         | Development Environment  | 1 | 2019-08-17 11:01:47 | 1 |
281 | 5 | Poc        | Proof Of Concept env.    | 1 | 2019-01-21 11:24:25 | 0 |
282 | 6 | Prod       | Production Environment   | 1 | 2017-11-07 00:00:00 | 0 |
283 | 11 | Temporary  | Temporary Server         | 1 | 2017-12-06 11:23:26 | 0 |

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287 Group Table:

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288 +-----+-----+-----+-----+-----+-----+-----+
289 | grp_id      | int(11)      | NO | PRI | NULL          |          | auto_increment |
290 | grp_code    | varchar(10)  | NO | UNI | NULL          |          |                |
291 | grp_desc    | varchar(25)  | NO |     | NULL          |          |                |
292 | grp_active  | tinyint(1)   | NO |     | 1             |          |                |
293 | grp_date    | timestamp    | NO |     | CURRENT_TIMESTAMP | on update CURRENT_TIMESTAMP |
294 | grp_default | tinyint(1)   | NO |     | 0             |          |                |
295 +-----+-----+-----+-----+-----+-----+-----+

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297 | 2 | Cluster    | Clustered Server         | 1 | 2017-11-22 11:55:50 | 0 |
298 | 3 | Service    | Infrastructure Service    | 1 | 2017-11-07 00:00:00 | 0 |

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299	4	Retired	Server not in use	1	2017-11-07 00:00:00	0
300	5	Raspberry	Raspberry Pi	1	2019-03-17 14:38:24	0
301	6	Regular	Normal App. Server	1	2019-01-21 11:36:43	1
302	7	Temporary	Temporaly in service	1	2017-11-07 00:00:00	0
303	8	Laptop	Linux Laptop	1	2017-11-07 00:00:00	0

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307 Server Table:

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308 +-----+-----+-----+-----+-----+-----+-----+
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309	srv_id	int(11)	NO	PRI	NULL	auto_increment
310	srv_name	varchar(15)	NO	UNI	NULL	
311	srv_domain	varchar(30)	NO		NULL	
312	srv_desc	varchar(30)	NO		NULL	
313	srv_tag	varchar(15)	NO		NULL	
314	srv_note	varchar(30)	NO		NULL	
315	srv_active	tinyint(1)	NO		1	
316	srv_sporadic	tinyint(1)	NO		0	
317	srv_monitor	tinyint(1)	NO		1	
318	srv_alert_group	varchar(15)	NO		default	
319	srv_graph	tinyint(1)	NO		1	
320	srv_cat	varchar(10)	NO		NULL	
321	srv_group	varchar(10)	NO		NULL	
322	srv_vm	tinyint(1)	NO		0	
323	srv_osname	varchar(15)	YES		NULL	
324	srv_ostype	varchar(10)	NO		linux	
325	srv_oscodename	text	NO		NULL	
326	srv_osversion	varchar(12)	NO		NULL	
327	srv_osver_major	varchar(10)	NO		NULL	
328	srv_date_creation	datetime	YES		0000-00-00 00:00:00	
329	srv_date_edit	datetime	YES		0000-00-00 00:00:00	
330	srv_date_update	datetime	YES		0000-00-00 00:00:00	
331	srv_date_osupdate	datetime	YES		0000-00-00 00:00:00	
332	srv_kernel_version	varchar(30)	NO		NULL	
333	srv_kernel_bitmode	smallint(11)	NO		64	
334	srv_hwd_bitmode	smallint(11)	NO		64	
335	srv_model	varchar(25)	NO		NULL	
336	srv_serial	varchar(25)	NO		NULL	

337	srv_memory	int(11)	NO	NULL
338	srv_nb_cpu	smallint(6)	NO	1
339	srv_cpu_speed	int(11)	NO	NULL
340	srv_nb_socket	smallint(6)	NO	1
341	srv_core_per_socket	smallint(6)	NO	1
342	srv_thread_per_core	smallint(6)	NO	0
343	srv_ip	varchar(15)	NO	NULL
344	srv_ips_info	varchar(1024)	NO	NULL
345	srv_disks_info	varchar(1024)	NO	NULL
346	srv_vgs_info	varchar(1024)	NO	NULL
347	srv_backup	tinyint(1)	NO	0
348	srv_backup_month	varchar(13)	NO	YNNNNNNNNNNNN
349	srv_backup_dom	varchar(32)	NO	YNN
350	srv_backup_dow	varchar(8)	NO	YNNNNNNN
351	srv_backup_hour	smallint(6)	NO	1
352	srv_backup_minute	smallint(6)	NO	0
353	srv_update_auto	tinyint(1)	NO	1
354	srv_update_status	varchar(1)	NO	NULL
355	srv_update_reboot	tinyint(1)	NO	0
356	srv_update_month	varchar(13)	NO	YNNNNNNNNNNNN
357	srv_update_dom	varchar(32)	NO	YNN
358	srv_update_dow	varchar(8)	NO	YNNNNNNN
359	srv_update_hour	smallint(6)	NO	1
360	srv_update_minute	smallint(6)	NO	0
361	srv_maint	tinyint(1)	NO	0
362	srv_maint_date_start	datetime	NO	NULL
363	srv_maint_date_end	datetime	NO	NULL
364	srv_sadmin_dir	varchar(45)	NO	/opt/sadmin
365	srv_ssh_port	int(2)	NO	22
366	ssh_sudo_user	varchar(10)	NO	sadmin
367	srv_img_backup	tinyint(1)	NO	0
368	srv_img_month	varchar(13)	NO	YNNNNNNNNNNNN
369	srv_img_dom	varchar(32)	NO	YNN
370	srv_img_dow	varchar(8)	NO	YNNNNNNN
371	srv_img_hour	smallint(6)	NO	4
372	srv_img_minute	smallint(6)	NO	0
373	srv_uptime	varchar(20)	NO	NULL
374	srv_arch	varchar(12)	NO	NULL

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