```
  1 | root@holmes:/sadmin/bin/template# ./sadm_template.py
  2 | 2018.05.20 11:17:58 -
  … | ========================================================================
  3 | 2018.05.20 11:17:58 - Starting sadm_template.py V1.8 - SADM Lib. V2.13
  4 | 2018.05.20 11:17:58 - Server Name: holmes.maison.ca - Type: Linux
  5 | 2018.05.20 11:17:58 - O/S: Centos  7.5.1804 - Code Name: Core
  6 | 2018.05.20 11:17:58 - ================================================
  7 | 2018.05.20 11:17:58 -
  8 | Library V2.13 - Script V1.8
  9 | ----------------------------------------------------------------------------
 10 | SADMIN Various Methods and Attributes
 11 | ----------------------------------------------------------------------------
 12 | obj.get_release()                        Release Number                  : 0.86
 13 | obj.get_ostype()                         O/S Type (Always Uppercase)     : LINUX
 14 | obj.get_osversion()                      Return O/S Version              : 7.5.1804
 15 | obj.get_osmajorversion()                 Return Major O/S Version        : 7
 16 | obj.get_osminorversion()                 Return Minor O/S Version        : 5
 17 | obj.get_osname()                         O/S Name                        : CENTOS
 18 | obj.get_oscodename()                     Return O/S Code Name            : CORE
 19 | obj.get_kernel_version()                 Return O/S Kernel Version       : 3.10.0-862
 20 | obj.get_kernel_bitmode()                 Return O/S Kernel Bit Mode      : 64
 21 | obj.hostname                             Hostname without Domain         : holmes
 22 | obj.get_host_ip()                        Return Hostname IP Address      : 192.168.1.12
 23 | obj.get_domainname()                     Return Hostname Domain Name     : maison.ca
 24 | obj.get_fqdn()                           Return FQDN Hostname            : holmes.maison.ca
 25 | obj.get_epoch_time()                     Return Current Epoch Time       : 1526829478
 26 | obj.epoch_to_date(1526829478)            Return Date/Time from Epoch     : 2018.05.20
  … | 11:17:58
 27 | obj.date_to_epoch(2018.05.20 11:17:58)   Convert Date/Time to Epoch      : 1526829478
 28 | obj.elapse_time('2016.01.30 10:00:44','2016.01.30 10:00:03') Elapse vs 2 Dates   : 00:00:41
 29 | obj.inst                                 PN without extension            : sadm_template
 30 | obj.username                             Current User Name               : root
 31 | obj.tpid                                 Current Process ID.             : 23128
 32 | obj.debug                                Current Debug Level [1-9]       : 7
 33 | obj.multiple_exec                        Allow Simultanious Execution    : N
 34 | obj.use_rch                              Produce/Upd. Return Code History file  : True
 35 | obj.dbsilent                             Return Err.Code, Display or Not Err.Msg : False
 36 | obj.usedb                                Script is using or not Database (Open?) : True
 37 | obj.log_type                             Set/Get Logtype(Both,Scr,Log)   : B
 38 | obj.log_append                           Open log in Append Mode         : True
 39 | obj.log_header                           Show Header in Log and Screen   : True
 40 | obj.log_footer                           Show Footer in Log and Screen   : True
 41 |
 42 | SADM Client & Servers Directories Attribute
 43 | ----------------------------------------------------------------------------
 44 | obj.base_dir            Root Dir. of SADMIN Tools     : /sadmin
 45 | obj.tmp_dir             SADMIN Temp. Directory        : /sadmin/tmp
 46 | obj.cfg_dir             SADMIN Configuration Dir.     : /sadmin/cfg
 47 | obj.lib_dir             SADMIN Shell & Python Lib.    : /sadmin/lib
 48 | obj.bin_dir             SADMIN Shell & Python Scripts : /sadmin/bin
 49 | obj.log_dir             SADMIN Log Directory          : /sadmin/log
 50 | obj.pkg_dir             Software Pkg use in SADMIN     : /sadmin/pkg
 51 | obj.doc_dir             Documentation Directory       : /sadmin/doc
 52 | obj.sys_dir             Host Scripts(Startup/Shutdown): /sadmin/sys
 53 | obj.dat_dir             Host system Info Data Dir.     : /sadmin/dat
 54 | obj.nmon_dir            Host nmon performance files    : /sadmin/dat/nmon
 55 | obj.rch_dir             Host Result Code History files: /sadmin/dat/rch
 56 | obj.dr_dir              Host Disaster Recovery files  : /sadmin/dat/dr
 57 |
 58 | SADM Servers Only Directories Attribute
 59 | ----------------------------------------------------------------------------
 60 | obj.www_dir             Web Root Dir. (On Server Only): /sadmin/www
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 61  obj.www_dat_dir           Web Systems Info Dir  (Server): /sadmin/www/dat
 62  obj.www_lib_dir           Web Systems Lib Dir   (Server): /sadmin/www/lib
 63  obj.www_cfg_dir           Web Systems Config Dir(Server): /sadmin/www/cfg
 64  obj.www_net_dir           Web Systems Net Data  (Server): /sadmin/www/dat/holmes/net
 65  obj.www_doc_dir           Web Documentation Dir.(Server): /sadmin/www/doc
 66
 67  SADM Files Variables
 68  ------------------------------------------------------------------------------------------
 69  obj.log_file              Cur. Script Log File        : /sadmin/log/holmes_sadm_template.log
 70  obj.rch_file              Cur. Script Result Code File : /sadmin/dat/rch/holmes_sadm_template.rch
 71  obj.cfg_file              SADMIN Configuration File   : /sadmin/cfg/sadmin.cfg
 72  obj.pid_file              Current Process ID. File    : /sadmin/tmp/sadm_template.pid
 73  obj.crontab_file          Crontab file for SADMIN     : /etc/cron.d/sadmin
 74  obj.tmp_file1             Cur. Script Avail Tmp File 1 : /sadmin/tmp/holmes_sadm_template_1.23128
 75  obj.tmp_file2             Cur. Script Avail Tmp File 2 : /sadmin/tmp/holmes_sadm_template_2.23128
 76  obj.tmp_file3             Cur. Script Avail Tmp File 3 : /sadmin/tmp/holmes_sadm_template_3.23128
 77
 78  SADM O/S Executable Full Path (If they exist on Host)
 79  ------------------------------------------------------------------------------------------
 80  obj.which                 Location of the executable  : /bin/which
 81  obj.bc                    Location of the executable  : /bin/bc
 82  obj.lsb_release           Location of the executable  : /bin/lsb_release
 83  obj.dmidecode             Location of the executable  : /sbin/dmidecode
 84  obj.fdisk                 Location of the executable  : /sbin/fdisk
 85  obj.facter                Location of the executable  : /bin/facter
 86  obj.uname                 Location of the executable  : /bin/uname
 87  obj.perl                  Location of the executable  : /bin/lscpu
 88  obj.ssh                   Location of the executable  : /bin/ssh
 89  obj.mail                  Location of the executable  : /bin/mail
 90  obj.ssh_cmd               Cmd used to connect client  : /bin/ssh -qnp 32
 91
 92  Global variables setting after reading the SADM Configuration file
 93  ------------------------------------------------------------------------------------------
 94  obj.cfg_mail_addr         Send Mail Address           : duplessis.jacques@gmail.com
 95  obj.cfg_cie_name          Your Company Name           : Batcave
 96  obj.cfg_mail_type         0=No 1=Error 2=Success 3=All : 1
 97  obj.cfg_host_type         SADMIN [S]erver or [C]lient : S
 98  obj.cfg_server            SADMIN Server FQDN Name      : holmes.maison.ca
 99  obj.cfg_domain            Your Default Domain          : maison.ca
100  obj.cfg_user              Super User Name (sudo)       : sadmin
101  obj.cfg_group             Super User Group             : sadmin
102  obj.cfg_www_user          Web Server User (apache)     : apache
103  obj.cfg_www_group         Web Server Group (apache)    : apache
104  obj.cfg_max_logline       Max. Nb. of Lines in Log file : 2000
105  obj.cfg_max_rchline       Max. Nb. of Line in .rch file : 125
106  obj.cfg_nmon_keepdays     Nb. Days to keep .nmon files : 60
107  obj.cfg_sar_keepdays      Nb. Days to keep .sar files  : 60
108  obj.cfg_rch_keepdays      Nb. Days to keep .rch files  : 60
109  obj.cfg_log_keepdays      Nb. Days to keep .log files  : 60
110  obj.cfg_dbname            SADMIN MySQL Database Name   : sadmin
111  obj.cfg_dbhost            SADMIN MySQL Host Name       : sadmin.maison.ca
112  obj.cfg_dbdir             SADMIN MySQL Data Dir.       : /var/lib/mysql
113  obj.cfg_dbport            SADMIN MySQL TCP/IP Port     : 3306
114  obj.cfg_rw_dbuser         SADMIN MySQL Read/Write User : sadmin
115  obj.cfg_rw_dbpwd          SADMIN MySQL Read/Write Pwd  : Nimdas17!
116  obj.cfg_ro_dbuser         SADMIN MySQL Read Only User  : squery
117  obj.cfg_ro_dbpwd          SADMIN MySQL Read Only Pwd   : Query18!
118  obj.cfg_rrdtool           rrdtool location             : /bin/rrdtool
119  obj.cfg_ssh_port          SSH Port (Default 22)        : 32
120  obj.cfg_network1          Network 1 Scan for Info      : 192.168.1.0/24
121  obj.cfg_network2          Network 2 Scan for Info      :
122  obj.cfg_network3          Network 3 Scan for Info      :
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123  obj.cfg_network4              Network 4 Scan for Info        :
124  obj.cfg_network5              Network 5 Scan for Info        :
125
126  SADMIN Backup Server Information (If Used)
127  --------------------------------------------------------------------------------------------
128  obj.cfg_backup_nfs_server       Backup NFS Server Name          : batnas.maison.ca
129  obj.cfg_backup_nfs_mount_point  Backup NFS Mount Point          : /volume1/linux
130  obj.cfg_backup_nfs_to_keep      Nb. Of Backup to Keep           : 3
131  obj.cfg_rear_nfs_server         Rear NFS Backup Server          : batnas.maison.ca
132  obj.cfg_rear_nfs_mount_point    Rear NFS Mount Point            : /volume1/Linux_DR
133  obj.cfg_rear_backup_to_keep     Rear Backup to Keep             : 3
134  obj.cfg_storix_nfs_server       Storix NFS Server               : batnas.maison.ca
135  obj.cfg_storix_nfs_mount_point  Storix NFS Mount Point          : /volume1/storix
136  obj.cfg_storix_backup_to_keep   Storix NFS Backup to Keep       : 3
137  obj.cfg_mksysb_nfs_server       Aix mksysb NFS Backup Server    : batnfs.maison.ca
138  obj.cfg_mksysb_nfs_mount_point  Aix mksysb NFS Mount Point      : /volume1/mksysb
139  obj.cfg_mksysb_backup_to_keep   Aix mksysb NFS Backup to Keep   : 2
140  Connect('sadmin.maison.ca', 'sadmin', 'Nimdas17!', 'sadmin')
141  2018.05.20 11:17:58 - Starting Main Process ...
142  Closing Database sadmin
143  2018.05.20 11:17:58 -
144  2018.05.20 11:17:58 - ================================================
145  2018.05.20 11:17:58 - Script return code: 0
146  2018.05.20 11:17:58 - Script execution time is 00:00:00
147  2018.05.20 11:17:58 - Trimming /sadmin/dat/rch/holmes_sadm_template.rch to 125 lines.
148  2018.05.20 11:17:58 - Mail requested if script fail - No mail sent
149  2018.05.20 11:17:58 - Trimming /sadmin/log/holmes_sadm_template.log to 2000 lines.
150  2018.05.20 11:17:58 - Sun May 20 11:17:58 2018 - End of sadm_template.py
151  2018.05.20 11:17:58 -
…    ==============================================================================
152  2018.05.20 11:17:58 -
153  root@holmes:/sadmin/bin/template#
154
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