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=====
;; 自動ssh共通マクロ本体
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;; パラメータ初期値
=====

;; OS : Linux , othe( Unix,FreeBSD )
OSchoice = "L"

;; SSH鍵 : Yes , No(password)
KEYchoice = "KeyN"

;; su root : Yes , No(current)
SUchoice = "rootY"

;; sudo : Yes(current) , No
SUDOchoice = "sudoY"
SUDOCmnd = 'sudo '

;; ログファイル名
LOGFILEBASE = param1
strreplace LOGFILEBASE 1 '.ttl' "

;; hub(中継ターミナル)を使う場合は、ここにReallIP入力。
HOSTADDR2 = ""

;; hub(中継ターミナル)にキーを使う場合 : Yes , No
HABKEY = "KeyN"

;; マクロ実行ディレクトリ
getdir CURRENTDIR

;; 一般ユーザ名
USERNAME = 'ec2-user'      ;ハブ経由のログインユーザー
USERNAME0 = "              ;一番初めのログインユーザー(空白であればUSERNAMEに
なる。)
USERNAME2 = "              ;最終的なスイッチユーザー(必要があれば。)
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:: パラメータ解析
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;=====
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```
strsplit param1 '_'  
param_rslt = result
```

```
if param_rslt <= 1 Then  
    exit  
endif
```

```
if param_rslt >= 2 Then  
    HOSTADDR1 = groupmatchstr2  
    strreplace HOSTADDR1 1 '.ttl' "  
endif
```

```
if param_rslt >= 3 Then  
    SUDOchoice = groupmatchstr3  
    strreplace SUDOchoice 1 '.ttl' "  
endif
```

```
if param_rslt >= 4 Then  
    KEYchoice = groupmatchstr4  
    strreplace KEYchoice 1 '.ttl' "  
endif
```

```
if param_rslt >= 5 Then  
    SUchoice = groupmatchstr5  
    strreplace SUchoice 1 '.ttl' "  
endif
```

```
if param_rslt >= 6 Then  
    HOSTADDR2 = HOSTADDR1  
    HOSTADDR1 = groupmatchstr6  
    strreplace HOSTADDR1 1 '.ttl' "  
endif
```

```
if param_rslt >= 7 Then  
    HABKEY = groupmatchstr7  
    strreplace HABKEY 1 '.ttl' "  
endif
```

```
if param_rslt >= 8 Then  
    USERNAME0 = groupmatchstr8  
    strreplace USERNAME0 1 '.ttl' "
```

endif

```
if param_rslt >= 2 Then
  strsplit HOSTADDR1 ','
  param_rslt2 = result
```

```
  if param_rslt2 >= 1 Then
    HOSTADDR1=groupmatchstr1
  endif
```

```
  if param_rslt2 >= 2 Then
    PORT = groupmatchstr2
  endif
```

endif

```
if param_rslt >= 3 Then
  strsplit SUDOchoice '.'
  param_rslt2 = result
```

```
  if param_rslt2 >= 1 Then
    SUDOchoice=groupmatchstr1
  endif
```

```
  if param_rslt2 >= 2 Then
    PASDAT = groupmatchstr2
  endif
```

endif

```
if param_rslt >= 4 Then
  strsplit KEYchoice '.'
  param_rslt2 = result
```

```
  if param_rslt2 >= 1 Then
    KEYchoice=groupmatchstr1
  endif
```

```
  if param_rslt2 >= 2 Then
    KEYFILENAME = groupmatchstr2
  endif
```

endif

```
if param_rslt >= 5 Then
  strsplit SUchoice '.'
  param_rslt2 = result
```

```
  if param_rslt2 >= 1 Then
    SUchoice=groupmatchstr1
```

```

endif

if param_rslt2 >= 2 Then
    USERNAME = groupmatchstr2
endif

if param_rslt2 >= 3 Then
    USERNAME2 = groupmatchstr3
endif
endif

strcompare USERNAME0 "
if result = 0 Then
    USERNAME0 = USERNAME
endif

strcompare SUDOchoice 'sudoN'
if result = 0 Then
    SUDOcmd = "
endif

;=====

;; SSH-AutoLogin

sprintf2 PASSFILE '%s\Data\%s.dat'    CURRENTDIR PASDAT
sprintf2 KEY_FILE '%s\Data\%s.key' CURRENTDIR KEYFILENAME
sprintf2 LOGSPATH '%s\logs\'        CURRENTDIR
;=====

;; ログファイル名の設定
;getdate LOG_NAME '_%Y%m%d_%H%M%S_&h.log'
getdate LOG_NAME '_%Y%m%d_%H%M%S.log'
sprintf2 LOGFULLPATH '%s%s%s' LOGSPATH LOGFILEBASE LOG_NAME

;; 接続コマンド設定
COMMAND = HOSTADDR1

strcompare KEYchoice 'KeyN'
if result = 0 Then
    ;; パスワード取得
    getpassword PASSFILE USERNAME0 PASSWORD

    ;; SSH KeyNo (password)
    strconcat COMMAND ':'
    strconcat COMMAND PORT
    strconcat COMMAND ' /ssh /2 /auth=password /user='

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        strconcat COMMAND USERNAME0
        strconcat COMMAND '/passwd='
        strconcat COMMAND PASSWORD
    else
        ;; パスワード取得
        getpassword PASSFILE KEYFILENAME PASSWORD

        ;; SSH KeyYes
        strconcat COMMAND ':'
        strconcat COMMAND PORT
        strconcat COMMAND '/ssh /2 /auth=publickey /user='
        strconcat COMMAND USERNAME0
        strconcat COMMAND '/passwd='
        strconcat COMMAND PASSWORD
        strconcat COMMAND '/keyfile='
        strconcat COMMAND KEY_FILE
    endif

;messagebox COMMAND PORT

;; サーバへ接続
connect COMMAND

;;logopen <filename> <binary flag> <append flag> [<plain text flag> [<timestamp
flag> [<hide dialog flag> [<Include screen buffer>]]]]
logopen LOGFULLPATH 0 1 0 1 1
;logopen LOGFULLPATH 0 1 1 1 1

; 同期モードON
setsync 1

;;mpause 2000
;wait "$" "%"
wait USERNAME USERNAME0 "$" "%"
;messagebox result "wait"

; 受信バッファクリア
flushrecv

;mpause 500

;; ハブ経由の場合、さらにSSH
strcompare HOSTADDR2 "
if result <> 0 Then
    ;wait "$" "%" "#"
    wait USERNAME USERNAME0 "$"

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;mpause 500
;messagebox result "wait"

; 受信バッファクリア
flushrcv

strcompare HABKEY 'KeyN'
if result = 0 Then
    ;flushrcv
    ;mpause 500
    sendln "ssh " USERNAME "@" HOSTADDR2 "; exit"
    ;mpause 500
else
    sendln "ssh -i ./ssh/id_rsa " USERNAME "@" HOSTADDR2 "; exit"
endif

; 受信バッファクリア
;flushrcv

;mpause 1000
;wait "$" "%" "#"
wait "password" "Password" "パスワード" "$" '%' "#"

;messagebox result "wait"
if result < 4 Then
    getpassword PASSFILE USERNAME PASSWORD
    ;mpause 2000
    sendln PASSWORD
    wait "$" "%" "#"
endif
endif

;; su USERNAME2
strcompare USERNAME2 "
if result <> 0 Then

    sendln "LANG=ja_JP.UTF-8;"
    sendln SUDOcmd "su - " USERNAME2 ";exit"
    strcompare SUDOcmd "
    if result = 0 Then
        ;パスワード取得
        getpassword PASSFILE USERNAME2 PASSWORD
        mpause 2000

        ;単純に、スイッチ & パスワードする場合
        wait "Password" "パスワード" "\:"
        sendln PASSWORD

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        else
            wait "$" "%" "#"
        endif
    endif

;; su root
strcompare SUchoice 'rootY'
if result = 0 Then
    sendln "LANG=ja_JP.UTF-8;\n"
    sendln SUDOcmd "su - " USERNAME2 ";exit"
    strcompare SUDOcmd "
    if result = 0 Then
        ; パスワード取得
        getpassword PASSFILE "root" PASSWORD
        ;mpause 2000

        ; 単純に、スイッチ & パスワードする場合
        ;sendln "su -;exit"
        wait "Password" "パスワード" "\:"
        sendln PASSWORD
    else
        ;wait "$" "%" "#"
        ;mpause 1000
        wait "#" "$" "%" "password" "Password" "パスワード" "\:"
        ;messagebox result "wait - password"
        if result >= 2 Then
            ; パスワード取得
            getpassword PASSFILE "root" PASSWORD
            sendln PASSWORD
            mpause 1000
        endif
    endif
endif
endif

;; Linux自動判定
OSchoice='U'
sendln "uname -a"
wait "Linux" "FreeBSD" "Solaris" "SunOS"
;messagebox result "wait"
if result < 2 Then
    OSchoice='L'
endif
if result >= 3 Then
    ; Solaris
    OSchoice='S'
endif
endif

```

```

;; bash 切替
  SHell=0 ; 0:bash, 1:zsh, 2:other
  sendln "echo $SHELL"
  timeout = 5
  wait  "/bin/bash" "/bin/zsh" "/bin/tcsh" "/bin/csh" "/bin/sh"
  If result = 2 Then
    SHell=1
  elseif result >= 3 Then
    SHell=2
  elseif result = 0 Then
    SHell=0
  endif

; bash try
If SHell >= 1 Then
  timeout = 5
  sendln "which bash"
  wait  "not found" "/bin/bash"

  If result = 2 Then
    sendln "bash && exit"
    SHell=0
  endif
endif

; zsh try
If SHell >= 2 Then
  timeout = 5
  sendln "which zsh"
  wait  "not found" "/bin/zsh"

  If result = 2 Then
    sendln "zsh;exit"
    SHell=1
  endif
endif

;; 共通マクロをインクルード

sendln "export PATH=./:$PATH:/sbin:~/bin"
;;sendln 'alias iconvs="iconv -f SJIS -t UTF-8 "; alias iconve="iconv -f EUC-JP -t UTF-8 "'

strcompare OSchoice 'L'
if result = 0 Then
  ;; Linux
  sendln "export LANG=ja_JP.UTF-8;"

```



```

sendln "export
MANPATH=/usr/share/man/ja:/usr/local/share/man:/usr/share/man:$MANPATH;"
sendln 'alias ll="ls -Fla --time-style=+%Y/%m/%d %H:%M:%S";alias q="echo;exit"'
sendln "alias zs='zfs list -t snapshot -o name,written,logicalreferenced,creation'"
sendln "alias p='ps -auxww';alias pe='ps -ef f'"
sendln "alias less='less -MRX -x4 -i'"
sendln "date;hostname;id; (ip a || ifconfig) 2>/dev/null|grep 'inet ';"
sendln 'curl -sS https://checkip.amazonaws.com/ 2>/dev/null;'
sendln "uname -a ;cat /etc/redhat-release 2>/dev/null;"

sendln "cat /proc/cpuinfo|grep 'model name';cat /proc/meminfo|grep
MemTotal;dmidecode --type 17 2>/dev/null|grep 'Type: '|grep -iv Unknown|head -1;df -hT;"
else
;; FreeBSD
strcompare OSchoice 'S'
if result = 0 Then
; Solaris
sendln 'alias ll="ls -Fla --time-style=+%Y/%m/%d %H:%M:%S";alias
q="echo;exit"'
else
; FreeBSD
sendln 'alias ll="ls -FlaD +%Y/%m/%d %H:%M:%S";alias q="echo;exit"'
endif

sendln "alias zs='zfs list -t snapshot -o name,written,logicalreferenced,creation'"
sendln "alias p='ps auxww';"
sendln "alias less='less -MRX -x4 -i'"
sendln "export LC_CTYPE=ja_JP.UTF-8;export LANG=ja_JP.UTF-8;"

sendln "date;hostname;id;ifconfig |grep 'inet ';"
sendln 'curl -sS https://checkip.amazonaws.com/ 2>/dev/null;'
sendln "uname -a ;cat /etc/release 2>/dev/null;"
sendln "prtdiag 2>/dev/null|head -3; prtdiag 2>/dev/null|grep -i CPU; psrinfo -pv
2>/dev/null ; top 2>/dev/null|grep -i mem;prtconf 2>/dev/null|grep -i memo;"
sendln "grep -E '(CPU:|FreeBSD/SMP|real memory)' /var/run/dmesg.boot 2>/dev/null
; dmidecode --type 17 2>/dev/null|grep 'Type: '|grep -iv Unknown|head -1;"
sendln "sysctl -a 2>/dev/null|egrep '(hw.model|hw.ncpu|physmem)' ;df -hT;"
endif

sendln " echo;echo;"
sendln " "
sendln

;; タイトル設定
; ファイル名から設定
strsplit param1 '_' 3
TiNihongo = groupmatchstr1

```

```
TiHostName = groupmatchstr2

strsplit TiNihongo '-' 2
TiNihongo = groupmatchstr2

strcmp HOSTADDR2 "
if result <> 0 Then
    ; ハブあり
    ;sprintf '%s %s/%s/%s@%s' TiNihongo USERNAME0 USERNAME USERNAME2
    TiHostName
    sprintf '%s %s %s/%s/%s' TiHostName TiNihongo USERNAME0 USERNAME
    USERNAME2
else
    ; ハブなし
    sprintf '%s %s/%s' TiNihongo USERNAME0 USERNAME2
endif
; タイトルに書き出し
settitle inputstr
```