Expect实现自动化管理

## 管理主机

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| [root@vdle-commerce63 k12]# cat hosts  172.16.129.56 root htYun@pass  172.17.128.83 root htYun@pass |

## 多主机自动化登录

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| --vi expect.sh  #!/bin/bash  HOST\_DIR=./$1  if [ -f $HOST\_DIR ];then  for i in `awk '{print $1}' $HOST\_DIR`  do  j=`awk -v I="$i" '{if(I==$1)print $2}' $HOST\_DIR`  k=`awk -v I="$i" '{if(I==$1)print $3}' $HOST\_DIR`  expect login.exp $i $j $k  #echo $i $j $k  done  else  echo '--please input corrected file--'  fi |

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| --- |
| --vi /login.exp  #!/usr/bin/expect -f  set ipaddress [lindex $argv 0]  set username [lindex $argv 1]  set passwd [lindex $argv 2]  if { $argc != 3 } {  puts stderr $passwd  puts stderr $username  exit 1  }  set timeout 30  spawn ssh $username@$ipaddress  expect {  "yes/no" { send "yes\r";exp\_continue }  "password:" { send "$passwd\r" }  }  expect "]\*"  send "date \r"  send "exit\r "  expect eof {exit 1} |

## 多主机scp的实现

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| [root@vdle-commerce63 k12]# vi pscp.exp  #!/usr/bin/expect -f  set ipaddress [lindex $argv 0]  set username [lindex $argv 1]  set passwd [lindex $argv 2]  set file [lindex $argv 3]  if { $argc != 4 } {  puts stderr $passwd  puts stderr $username  exit 1  }  set timeout 30  spawn scp -r $file $username@$ipaddress:/usr/local/src/  expect {  "yes/no" { send "yes\r";exp\_continue }  "password:" { send "$passwd\r" }  }  send "exit/r"  expect eof |

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| --- |
| [root@vdle-commerce63 k12]# vi pscp  #!/bin/bash  HOST\_DIR=./$1  FILE=$2  if [ -f $HOST\_DIR ];then  for i in `awk '{print $1}' $HOST\_DIR`  do  j=`awk -v I="$i" '{if(I==$1)print $2}' $HOST\_DIR`  k=`awk -v I="$i" '{if(I==$1)print $3}' $HOST\_DIR`  expect pscp.exp $i $j $k $2  #echo $i $j $k  done  else  echo '--please input corrected file--'  fi |