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## Automated Remote VTY Script

### Range of IPs

```
#!/bin/bash
#####
# ciscoRange.sh
#
# This is a shell that loops in a range of consecutive IPs with
# the expect command vty_runcmd.exp
#
# Adapted by Sergio Zavala (sergio.zavala at sidetec.com.mx), Feb/2011
#
# First arg is the begin ip, the second one is the last octet of the end ip
# Syntax:
# [network@network bin]$ ./ciscoRange.sh 192.168.2.1 10
#
# HISTORY:
# Sergio Zavala 02/04/11 First Version
#####

# highest valid IP octet value
MaxValue=255

ip=$1
endip=$2
ruser="myuser"
rpass="mypass"
renable="myenable"
cmdList="commandlist.txt"

baseaddr="$(echo $ip | cut -d. -f1-3)"
lsv="$(echo $ip | cut -d. -f4)"

while [ $endip -ge $lsv ]
do
    if [ $lsv -eq $MaxValue ] ; then
        echo "edge case not implemented"
        exit 1
    fi
    echo ""
    echo ":::::::::::::::::::::::::::::::::::::"
    echo $baseaddr.$lsv
    echo ":::::::::::::::::::::::::::::::::::::"

# Calling the expect script
```

## Automated\_Remote\_VTY\_Command\_Script

```
./vty_runcmd.exp -h $baseaddr.$lsv -u $ruser -p $rpass -e $renable -f ./$cmdList > $baseaddr.$lsv

lsv=$(( $lsv + 1 ))
done

exit 0
```

### IP List in a File

```
#!/bin/bash
#####
# ciscoRange.sh
#
# This is a shell that loops inside a file with IPs, executing
# the list and using the variables in the expect command vty_runcmd.exp
#
# Adapted by Sergio Zavala (sergio.zavala at sidetec.com.mx), Feb/2011
#
# Syntax:
# [network@network bin]$ ./ciscoFile.sh MY_IPLIST_FILE.TXT
#
# HISTORY:
# Sergio Zavala 02/04/11 First Version
#####

ruser="myuser"
rpass="mypass"
renable="myenable"
cmdList="commandlist.txt"

while read line
do
if [ $line != "" ]; then
echo ""
echo "::::::::::::::::::::::::::::::::::"
echo $line
echo "::::::::::::::::::::::::::::::::::"

# Calling the expect script
./vty_runcmd.exp -h $line -u $ruser -p $rpass -e $renable -f ./$cmdList > $line.cfg
fi
done < $1

exit 0
```