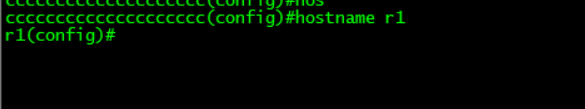
Python基础 第十天作业

监控设备配置改变

如何计算字符串的MD5值

代码：

import hashlib  
import re  
from ssh\_router import ssh\_cli  
import time  
  
  
  
def qytang\_get\_config(ip,username='cisco',password='cisco'):  
 try:  
 device\_config = ssh\_cli(ip, username, password)  
 ret = re.split(r'\nhostname \S+\n', device\_config)  
 run\_conf = re.findall('hostname.\*',str(ret))  
 m = hashlib.md5()  
 m.update(str(run\_conf).encode())  
 md5\_value = m.hexdigest()  
 return md5\_value  
  
 except Exception:  
 return  
  
def qytang\_check\_diff(ip,username='cisco',password='cisco'):  
 before\_md5=''  
 while True:  
 before\_md5=qytang\_get\_config(ip,username,password)  
 time.sleep(5)  
 now\_md5 = qytang\_get\_config(ip,username,password)  
 print(now\_md5)  
 if before\_md5 != now\_md5:  
 print('MD5 value changed')  
  
  
  
if \_\_name\_\_ == '\_\_main\_\_':  
 qytang\_check\_diff('1.1.1.200')



运行结果：

