#!/usr/bin/python

import requests, json

url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/login'

#headers = {'content-type': 'application/vnd.netbackup+json;version=1.0',}

headers = {'content-type': 'application/json'}

#data = '{"domainName":"adc094nbadmin01", "userName":"tscarter", "password":"Redacted" }'

data = '{"domainName":"adc094nbadmin01", "domainType":"vx", "userName":"bkuporap", "password":"bk\_1234" }'

#data = '{"domainName":"nsstest", "domainType":"vx", "userName":"nbuselfservice", "password":"welcome1" }'

response = requests.post(url, verify=False, headers=headers, data=data) #API reqest #1

print

print "\*\*\* Response \*\*\*"

print response

print

resp\_dic = json.loads(response.content) # Golden, converts response contents into a dictionary

print "\*\*\* resp\_dic['token'] \*\*\*"

print resp\_dic['token']

jwt = str(resp\_dic['token']) # Golden, takes the 'token' from the dictionary

print

print "\*\*\* Now for API reqest number 2 \*\*\*"

#### Works

#url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/ping' # 200 AND RETURNED A RESULT!

#url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/admin/jobs' #

#url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/appdetails' #

#### Result 200 but no content

#### 401 no permission

#url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/admin/jobs/76342' # gets a 200 with no data

#url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/config/hosts' # 401 user does not have permissions

url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/config/policies' # 401 user does not have permissions

#url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/security/auditlogs' # 401 user does not have permissions

#url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/catalog/images' # Gets a 404 - not found

#### 404 Not found

#url = 'https://adc094nbadmin01.us.oracle.com:1556/netbackup/jobs/9'

print

print "\*\*\* URL \*\*\*"

print url

print

content\_type = "application/vnd.netbackup+json; version=1.0"

headers = {'Content-Type': content\_type, 'Authorization': jwt}

response = requests.get(url, verify=False, headers=headers) # API reqest #2 restponds with '200'

print "\*\*\* (response.json) \*\*\*"

print (response.json)

print

print "\*\*\* response.content \*\*\*"

print response.content

[tscarter@adc094nbadmin01 ~]$