**script that combs active directory and prints groups, followed by each member of the group.**

import pythoncom

import win32com.adsi as adsi

import types

domain = 'your.domain.com/'

provider = 'LDAP://'

dnc = adsi.ADsGetObject('LDAP://rootDSE').Get('defaultNamingContext')

cn = 'CN=Users,'

path = provider + domain + cn + dnc

groups = adsi.ADsGetObject(path)

groups.Filter = ('group',)

groupnames = {}

for group in groups:

groupnames[group.distinguishedName] = group.cn

groupobj = adsi.ADsGetObject(group.ADsPath)

users = groupobj.member

print group.cn

#print '\t',users

if (users == None):

print "\tNone"

else:

if (type(users) == types.UnicodeType):

userobj = adsi.ADsGetObject(provider + users)

print '\t%s(%s)' % (userobj.cn, userobj.Class)

else:

for user in users:

try:

userobj = adsi.ADsGetObject(provider + user)

print '\t%s(%s)' % (userobj.cn, userobj.Class)

except:

pass

**script that gets all computers registered in ActiveDirectory and queries the Uninstall registry key to get a rough inventory of software**

import \_winreg as registry

import win32con

import win32com.adsi as adsi

import time

import pickle

uninstall\_key = r'Software\Microsoft\Windows\CurrentVersion\Uninstall'

domain = 'your-domain.com/'

provider = 'LDAP://'

dnc = adsi.ADsGetObject( 'LDAP://rootDSE' ).Get( 'defaultNamingContext' )

cn = 'CN=Computers,'

path = provider + domain + cn + dnc

computers = adsi.ADsGetObject( path )

computers.Filter = ( 'computer', )

inventory = {}

obtime = time.time()

for computer in computers:

btime = time.time()

inventory[computer.cn] = []

try:

reghandle = registry.ConnectRegistry( computer.cn, win32con.HKEY\_LOCAL\_MACHINE )

uninstkey = registry.OpenKey( reghandle, uninstall\_key, 0, win32con.KEY\_READ )

count = 0

while (1):

try:

count += 1

nextkey = registry.EnumKey( uninstkey, count )

key = registry.OpenKey( uninstkey, nextkey )

try:

( value, None ) = registry.QueryValueEx( key, "DisplayName" )

if value:

inventory[computer.cn].append( value )

except EnvironmentError:

pass

registry.CloseKey( key )

registry

except EnvironmentError:

break

except:

pass

etime=time.time()

print "Time elapsed for %s was %d" % ( computer.cn, etime-btime )

oetime = time.time()

print "Time elapsed for overall run was %d" % ( oetime - obtime )

ofile = file( "inventory.dat","w" )

pickle.dump( inventory, ofile )

ofile.close()