

# **Airplane mode by Sikuli Script of Wireless WAN automated testing**

**Version 1.0**

### Version History

Version	Date	Handled by	Comments
V1.0	05-Dec-2019	ZL Chen	First version release.

### Precondition Setting:

Please make sure the DUT is connected to the internet.

- Install the Python 3.6.8.
  - ✓ Please refer to the “[Python 3.6.8 installation.pdf](#)” attachment.  
(\automation\sop\other\Python 3.6.8 installation.pdf)
- Install the Sikuli-IDE.
  - ✓ Please refer to the “[Sikuli X r930 installation.pdf](#)” attachment.  
(\automation\sop\sikuli\_x\Sikuli X r930 installation.pdf)
- Install the third party library.
  - ✓ Double click the “[Envir\\_Install.exe](#)” under the installer folder.  
(\automation\installer\Envir\_Install.exe)

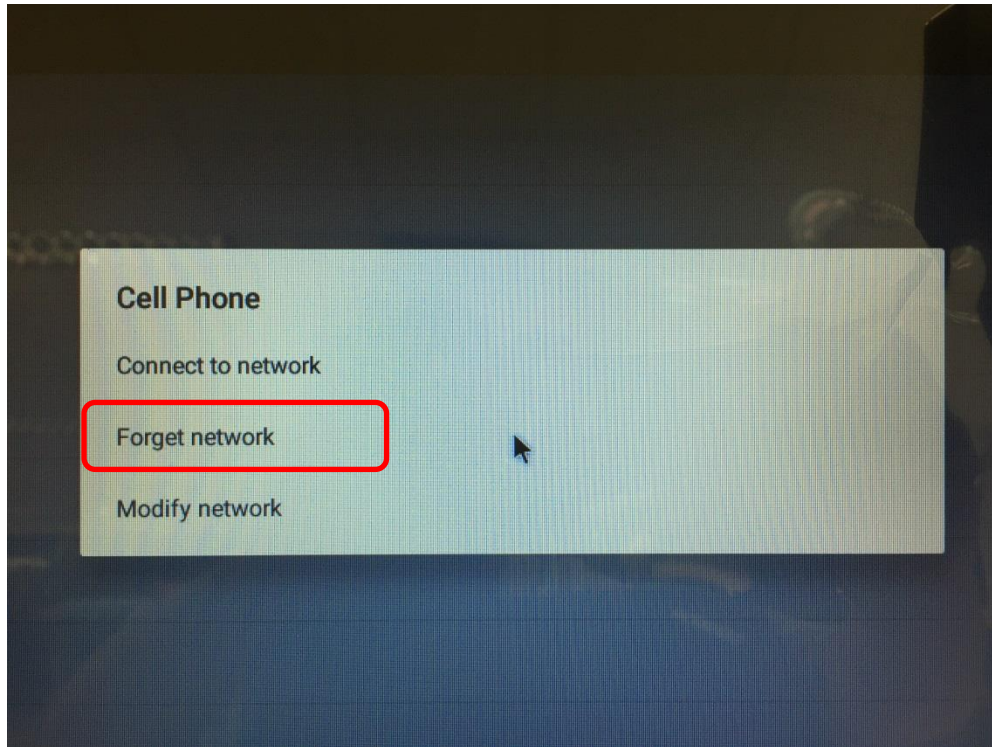
Please follow the implement as below:

Step 1:

Please make sure the WAN is connecting to the repeater.

Step 2:

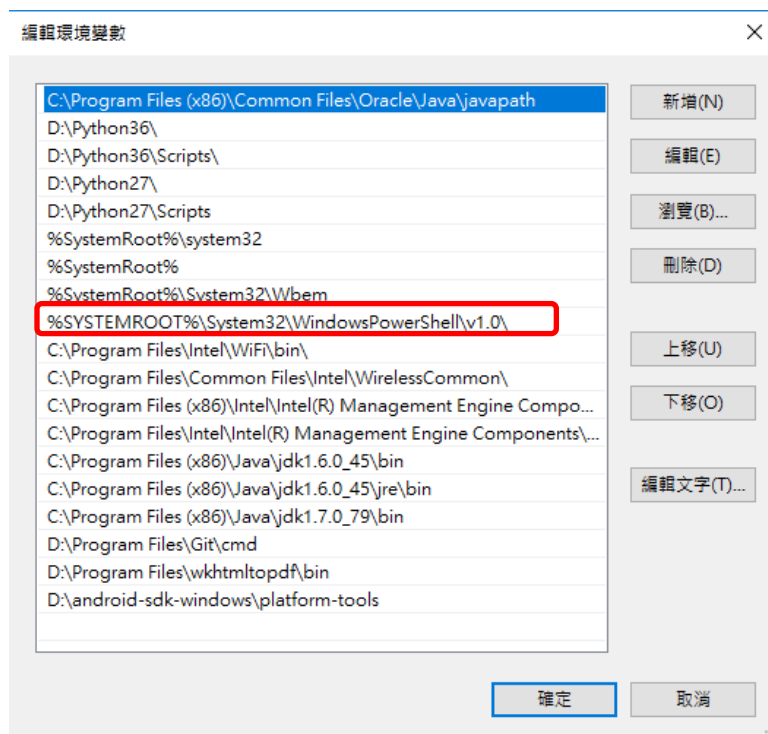
Please delete all of the [known networks](#), because you need make sure the network just only attach to the WAN server.



Step 3:

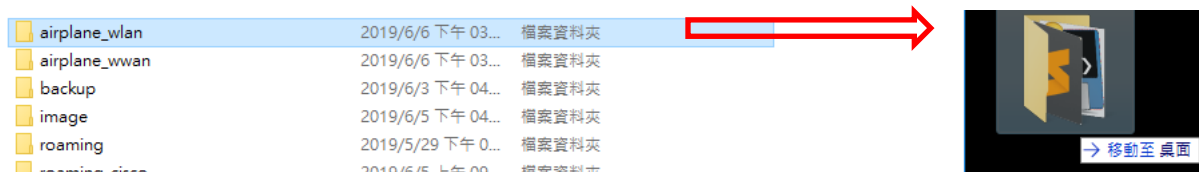
Join the Path:

%SystemRoot%\System32\WindowsPowerShell\v1.0\



Step 4:

Please copy the \windows\airplane\ folder of the suite to the device's desktop.



Implement the airplane\_wwan\_windows\_sikuli.pyc under the “\airplane\_wwan\” folder.

### Step 5:

Please input the “Cycle Times” and “Gateway” you want, and then tap the “Enter”.

The program is start running.

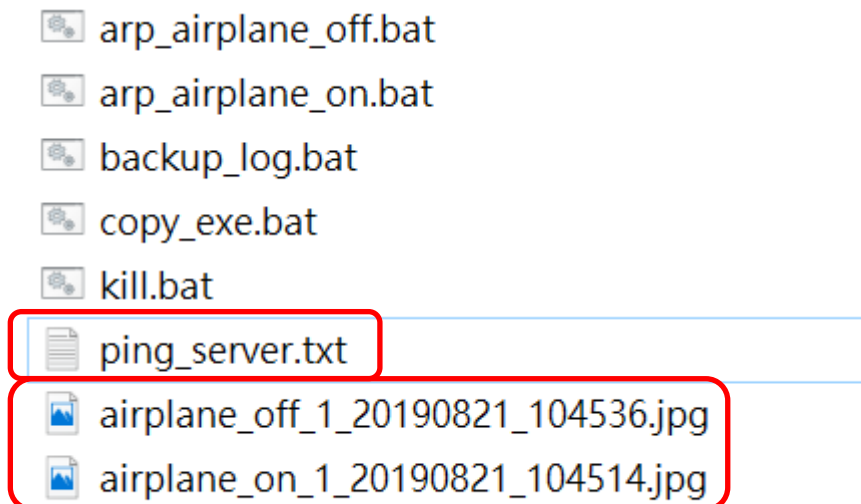
```
命令提示字元 - python airplane_wlan_windows.pyc
2019/06/19 下午 04:44 5,667,049 adb.exe
2017/08/23 上午 11:48 96,256 AdbWinApi.dll
2017/08/23 上午 11:47 60,928 AdbWinUsbApi.dll
2019/06/27 下午 12:57 5,030,369 airplane_ethernet_multiple.exe
2019/06/27 下午 12:57 8,226 airplane_ethernet_multiple.py
2019/06/24 上午 10:30 5,027,070 airplane_ethernet_single.exe
2019/06/24 上午 10:23 7,530 airplane_ethernet_single.py
2019/06/19 下午 05:23 5,024,997 airplane_wlan_multiple.exe
2019/06/19 下午 05:14 7,282 airplane_wlan_multiple.py
2019/06/19 下午 05:22 5,010,068 airplane_wlan_single.exe
2019/06/19 下午 05:15 6,791 airplane_wlan_single.py
2019/08/20 上午 10:38 5,008,967 airplane_wlan_single_gateway.exe
2019/08/20 上午 10:37 6,869 airplane_wlan_single_gateway.py
2019/08/21 上午 11:10 3,854 airplane_wlan_windows.py
2019/08/21 上午 11:11 3,725 airplane_wlan_windows.pyc
2019/08/19 下午 05:33 1,360 arp_airplane_off.bat
2019/08/19 下午 05:33 1,360 arp_airplane_on.bat
2019/07/22 上午 10:32 <DIR> backup
2019/05/23 下午 04:53 391 backup_log.bat
2019/08/15 下午 03:30 <DIR> config
2019/06/11 下午 06:10 526 copy_exe.bat
2019/06/06 下午 02:26 605 kill.bat
20 個檔案 30,974,223 位元組
4 個目錄 1,004,256,993,280 位元組可用

D:\code\automation\suite\airplane_wlan>python airplane_wlan_windows.pyc
找不到 D:\code\automation\suite\airplane_wlan\*.jpg
找不到 D:\code\automation\suite\airplane_wlan\*.txt
Cycle times: 1
IP address: 8.8.8.8_
```

### Step 6:

When the program is completed, the windows should be closed.

You can see the log under the “\airplane\_wwan\” folder as below:



- ping\_server.txt is ping log.

```
ping_server.txt - 記事本
檔案(F) 編輯(E) 格式(O) 檢視(V) 說明(H)
Pinging 8.8.8.8 with 32 bytes of data:
Reply from 8.8.8.8: bytes=32 time=6ms TTL=54'
Reply from 8.8.8.8: bytes=32 time=4ms TTL=54'
Reply from 8.8.8.8: bytes=32 time=6ms TTL=54'
Reply from 8.8.8.8: bytes=32 time=7ms TTL=54'
Ping statistics for 8.8.8.8: |
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 4ms, Maximum = 7ms, Average = 5ms
The connection is Passed.(PASS)
Cycle Times: 1, Passed: 1, Failed: 0
Total Cycle Times: 1, Passed: 1, Failed: 0
```

The Total Cycle Times is 1, Passed is 1 and Failed is 0.