**Wireless auto switch base on AP repeater**

**Version 1.0**

**Version History**

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| --- | --- | --- | --- |
| **Version** | **Date** | **Handled by** | **Comments** |
| V1.0 | 27-May-2019 | ZL Chen | First version release. |
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Precondition Setting:

Please make sure the DUT is connected to the internet.

* Setting the User Account Control Setting.
  + Please refer to the “User Account Control Setting.pdf” attachment

(\automation\sop\other\User Account Control Setting)

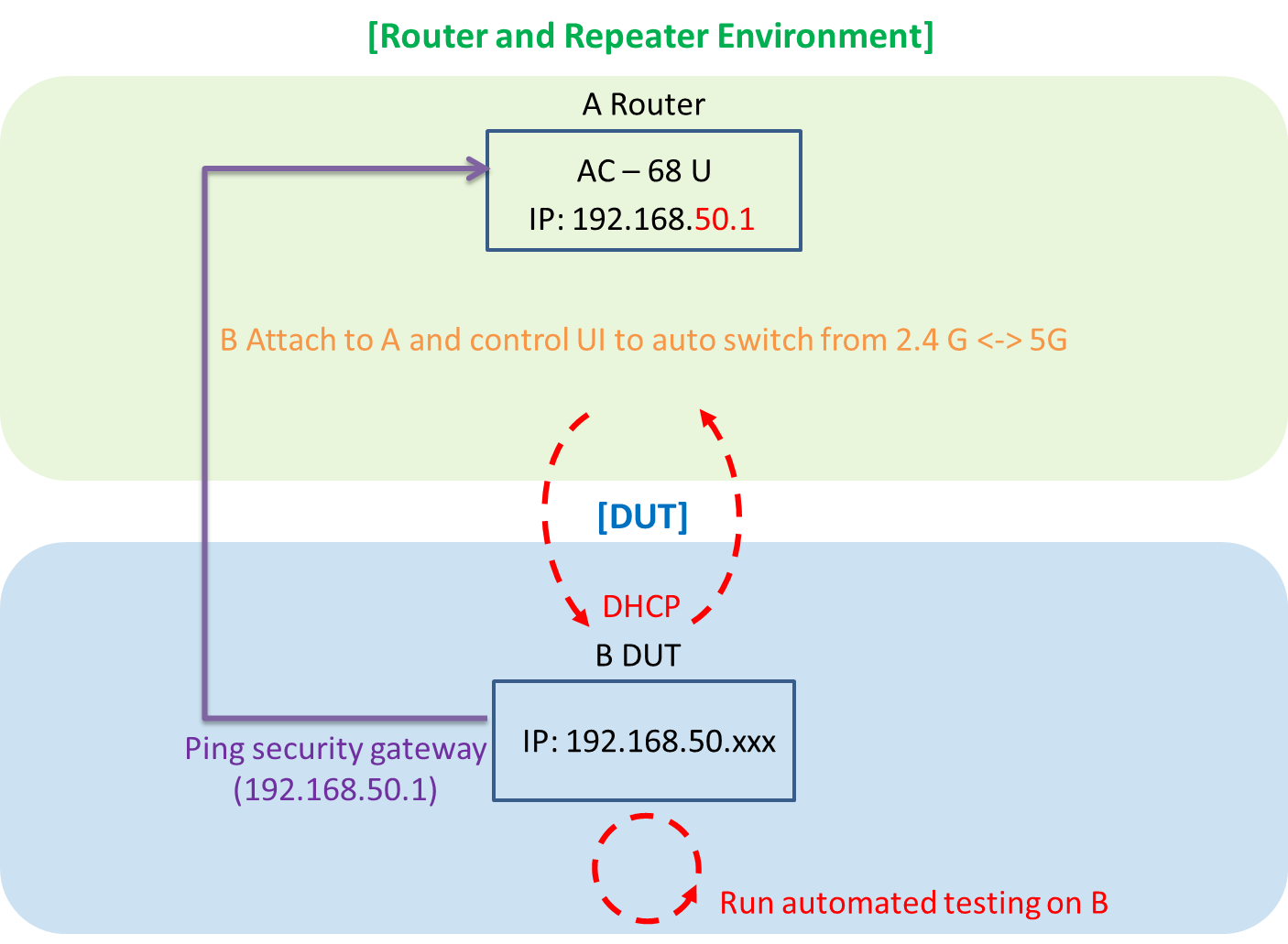
* Install the Chrome browser.
  + Please refer to the “Chrome browser installation.pdf” attachment. (\automation\sop\other\Chrome browser installation.pdf)
* Install the Python 3.6.8.
  + Please refer to the “Python 3.6.8 installation.pdf” attachment.

(\automation\sop\other\Python 3.6.8 installation.pdf)

* Install the third party library.
  + Double click the “Envir\_Install.exe” under the installer folder.

(\automation\installer\Envir\_Install.exe)

System Structure:



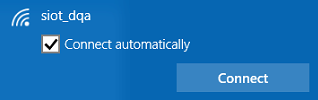
Please follow the implement as below:

Step 1:

Please make sure the Wi-Fi is connecting to the repeater.

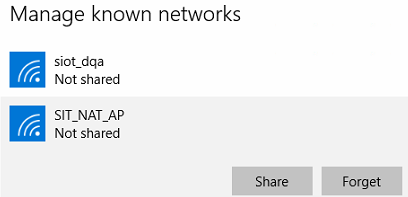
SSID: siot\_dqa

Password: ad20151225



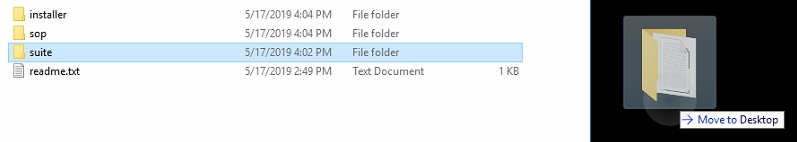
Step 2:

Please delete all of the known networks, because you need make sure the network just only attach to the “siot\_dqa” repeater.

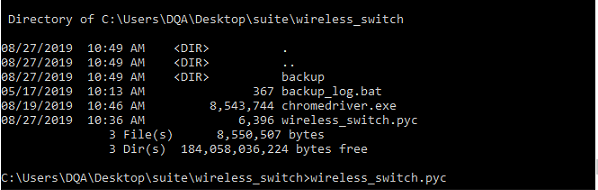


Step 3:

Please copy the roaming folder to the DUT’s desktop.



Implement the wireless\_switch.pyc under the “\suite\wireless\_switch\” folder.

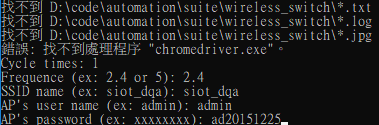


Step 4:

Please input the “Cycle Times”, “Frequence”, “SSID name”, “user name” and “password” you want. (Ex: 1), and then tap the “Enter”.

Please input the Gateway. (Ex: 192.168.50.1), and tap the “Enter”.

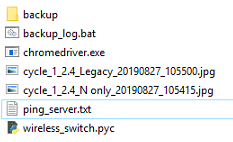
The program is start running.



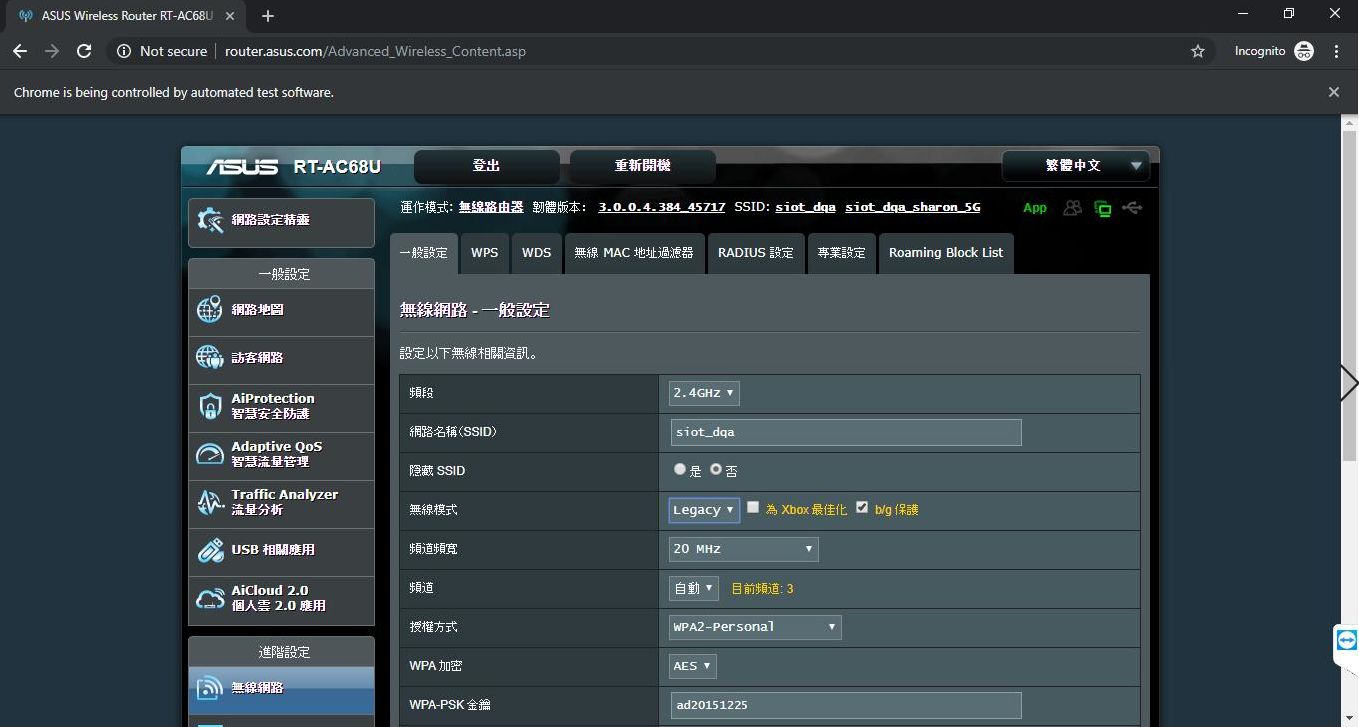
Step 5:

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

You can see the log under the “\wireless\_switch\” folder as below:



* cycle\_1\_2.4\_Legacy\_20190827\_105500.jpg



* cycle\_1\_2.4\_N only\_20190827\_105415.jpg
* ping\_server.txt

