

Advantech SE Technical Share Document

Date	2021/9/14	Related Product	WebAccess/WISE_PaaS	
Category	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP <input type="checkbox"/> Driver Tech Note		Dashboard/WISE_PaaS_SaaS_Composer	
Abstract	How to modify default ports of WebAccess after installation			
Keyword	WebAccess/WISE_PaaS Dashboard/WISE_PaaS_SaaS_Composer			
Related OS	Win10			
Revision History				
Date	Version	Author	Reviewer	Description
2021/9/14	V1.0	Simon.Chiu	Nick.Liu	WebAccess v9.1.0

■ **Problem Description & Architecture:**

Default ports of WebAccess including:

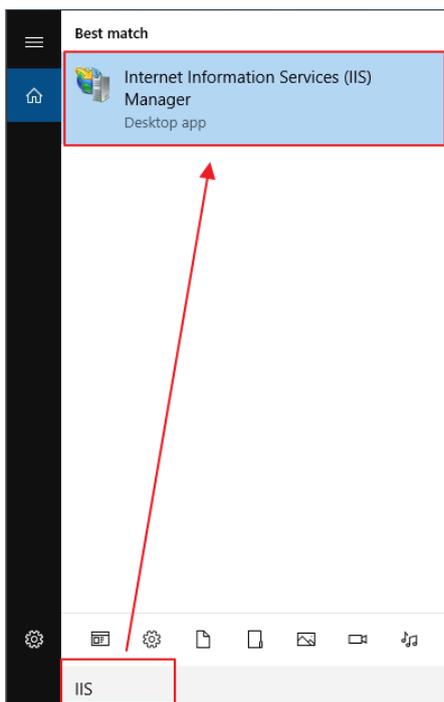
- (1). 80 (project home, http service)
- (2). 4592 (Primary RPC communication port)
- (3). 14592 (Secondary RPC communication port)
- (4). 3000 (WISE_PaaS Dashboard)
- (5). 443 (WISE_PaaS Dashboard data source)
- (6). 4000 (Saas Composer)

This SOP will introduce how modify ports correspondingly.

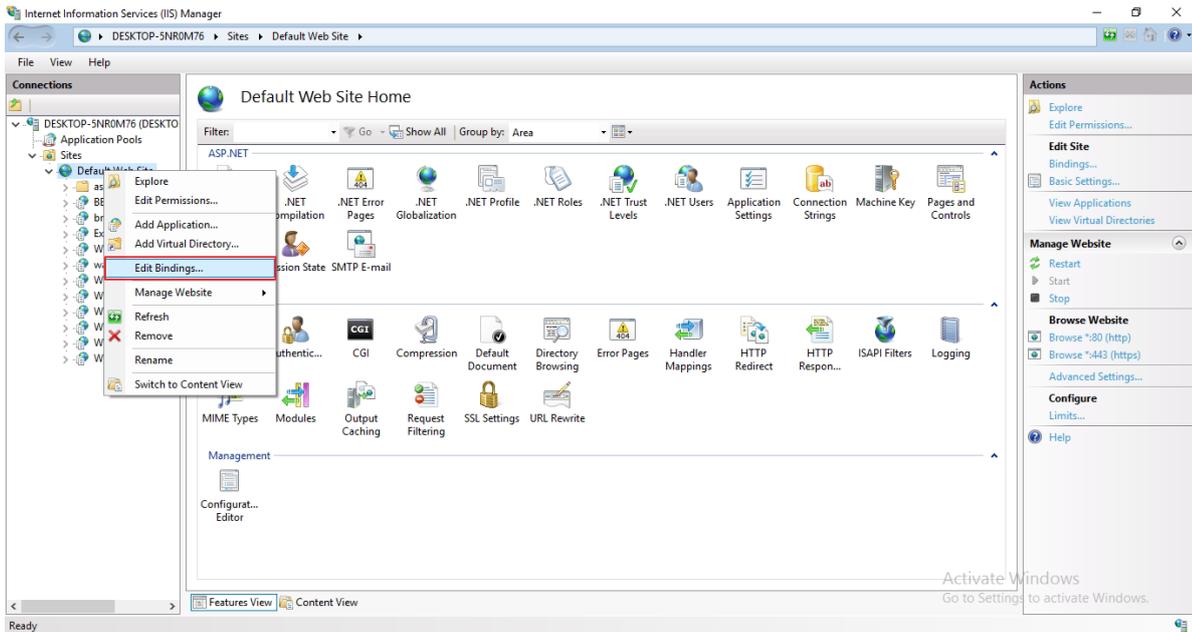
■ **Brief Solution - Step by Step:**

How to modify port of project home (port 80)

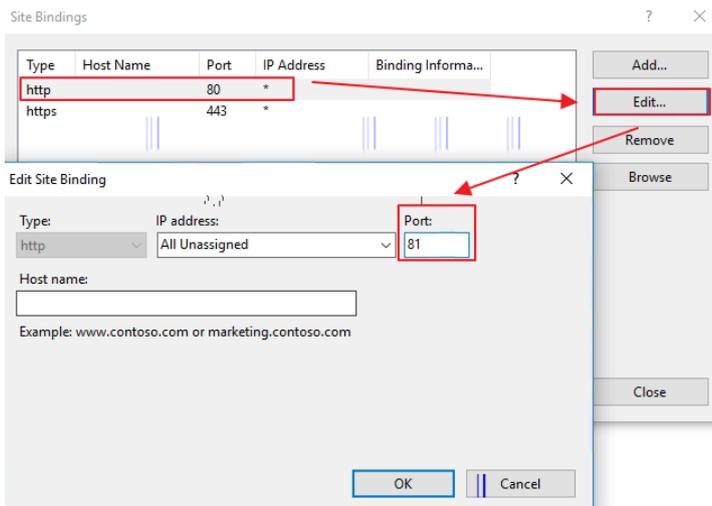
1. Please search “IIS” and click “Internet Information Service management”



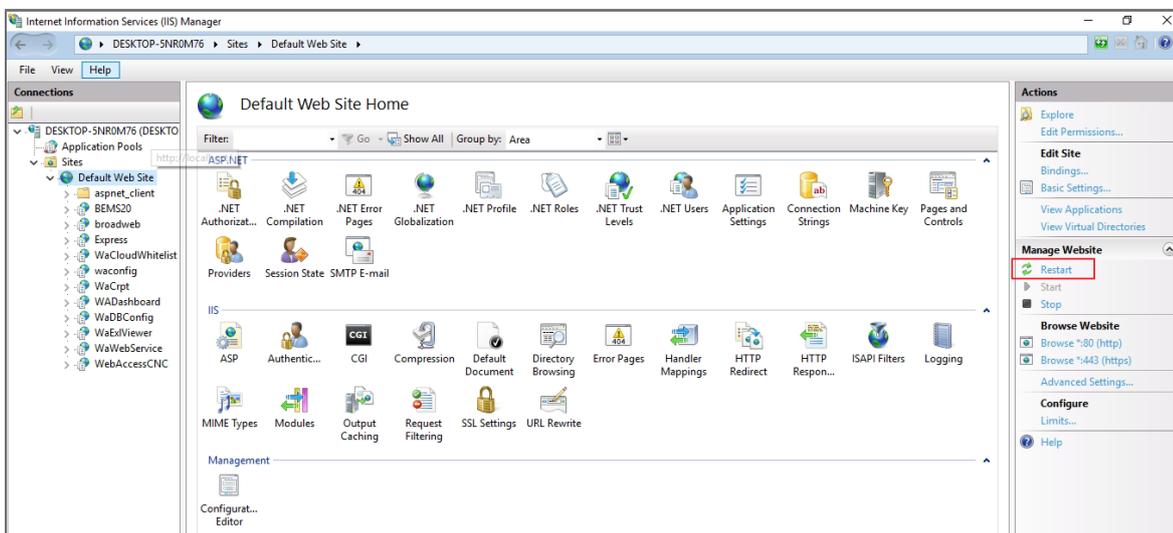
2. Find "Default Web Site" → "Edit Binding"



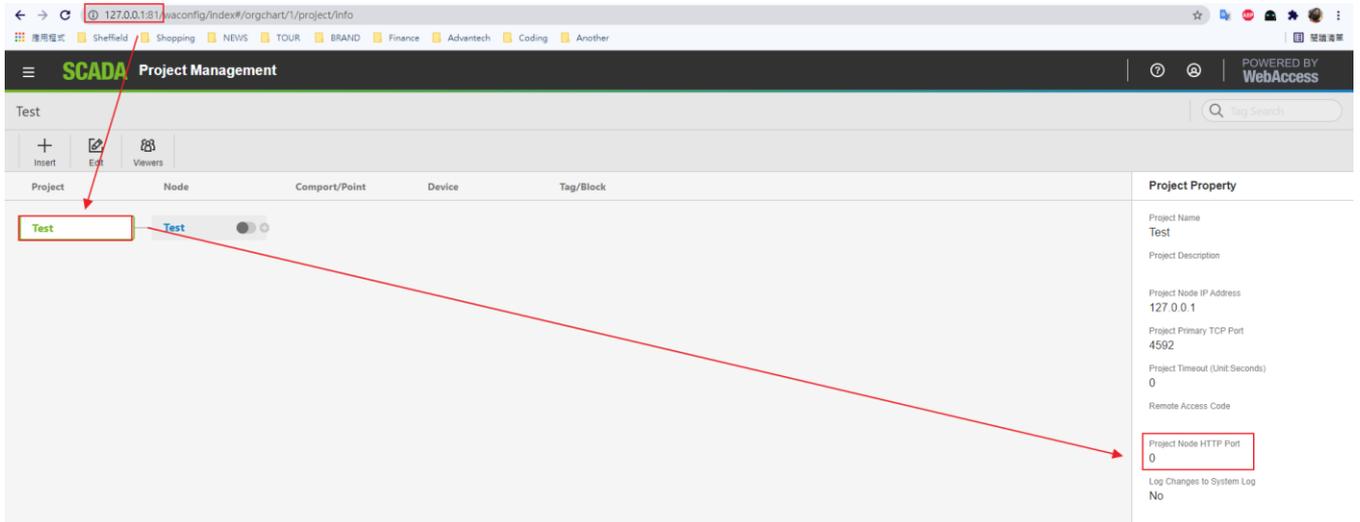
3. Modify the port to 81



4. Please reboot the IIS after modification.

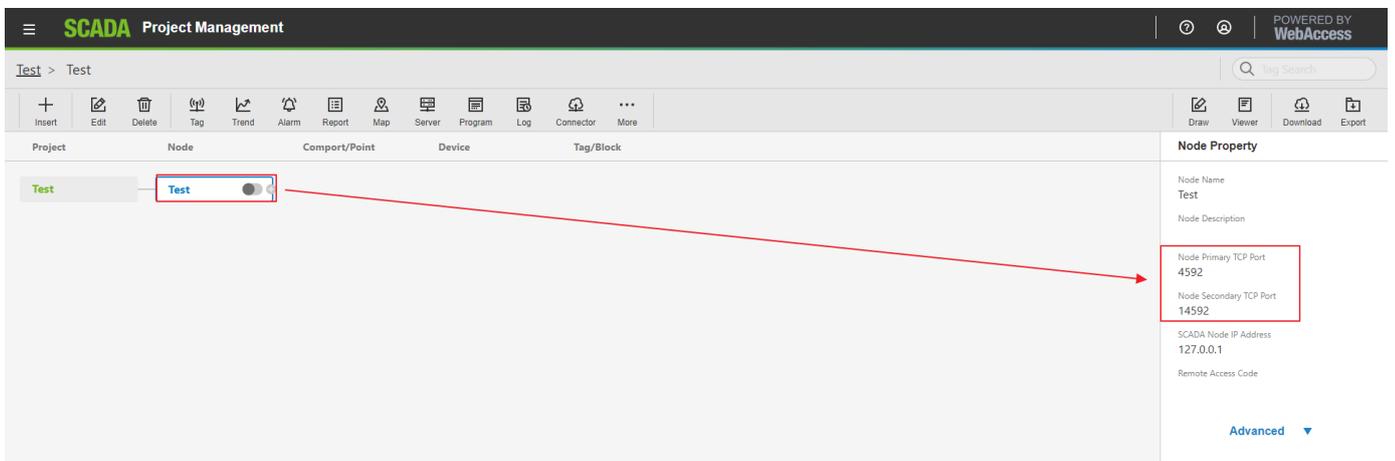
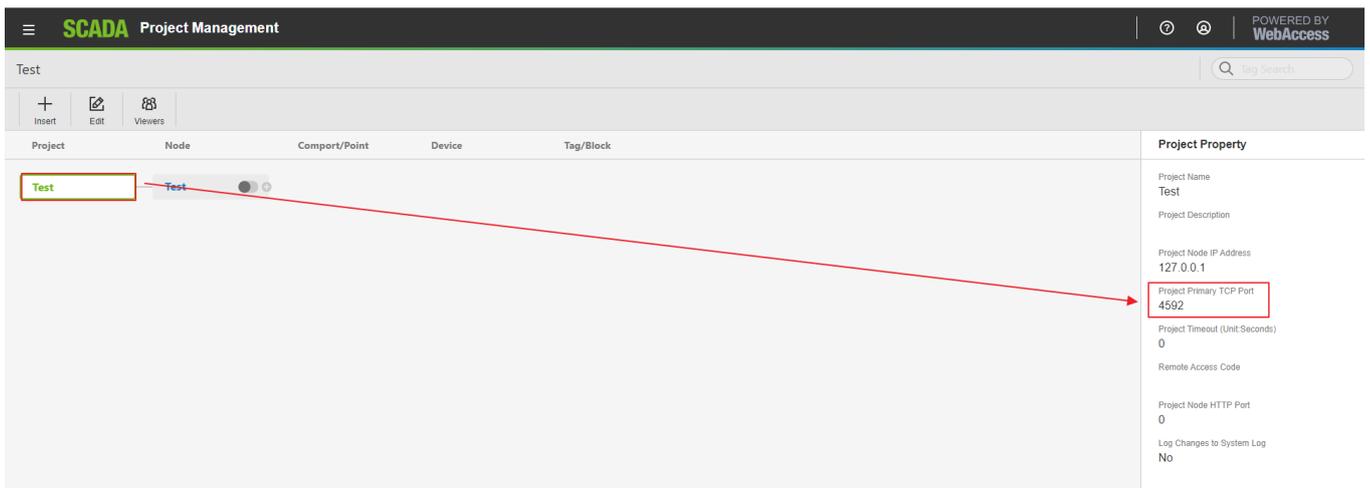


5. Use IP:Port(81) to access to project home then log in to project. Modify http port which is under project node and download to kernel.



How to modify Port 4592 and 14592 (Primary and Secondary RPC communication ports between project and scada node) :

Log in to WebAccess project. Modify Port 4592 and 14592 in project and scada node setting.



How to modify Port 300 (Port of WISE_PaaS Dashboard) :

1. Please open a file, the path would be

C:\WebAccess\Node\WISE-PaaS_Dashboard\WISE-PaaS_Dashboard\conf\defaults.ini

Modify http port which is under server

```
[server]
# Protocol (http, https,
protocol =https

# The ip address to bind
http_addr =

# The http port to use
http_port =3010
```

Then go to C:\WebAccess\Node\bserver.ini

Modify the port which is under "Grafana"

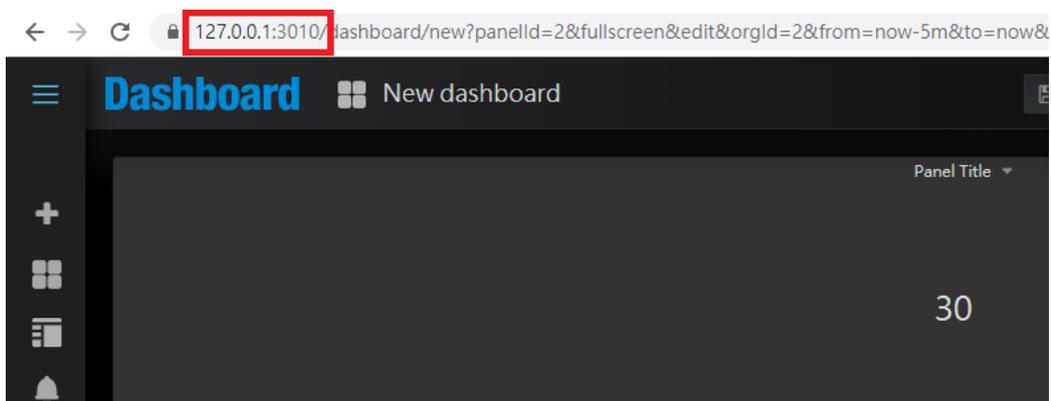
```
[grafana]
user=admin
pwd=admin
port=3010
ifactory_license=
```

2. Run cmd as administrator and type

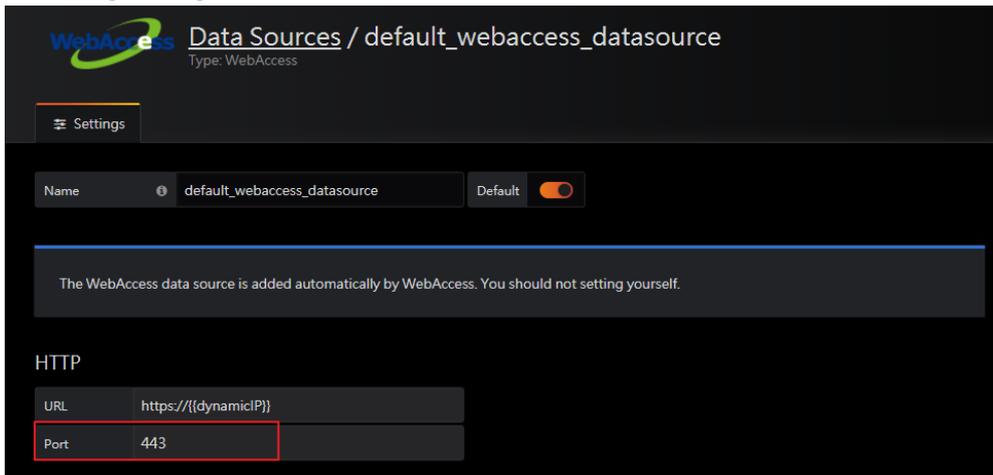
"net stop Dashboard" to stop Dashboard service

"net start Dashboard" to start Dashboard service again.

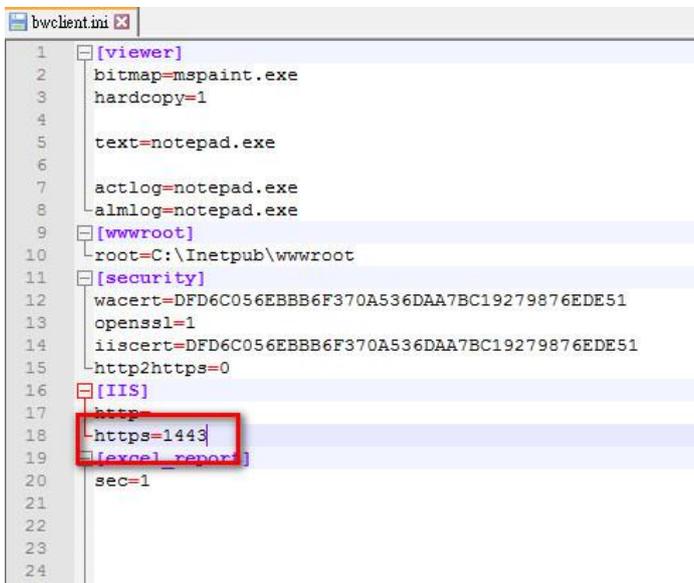
3. Open Chrome and type IP:Port to access WISE_PaaS Dashboard



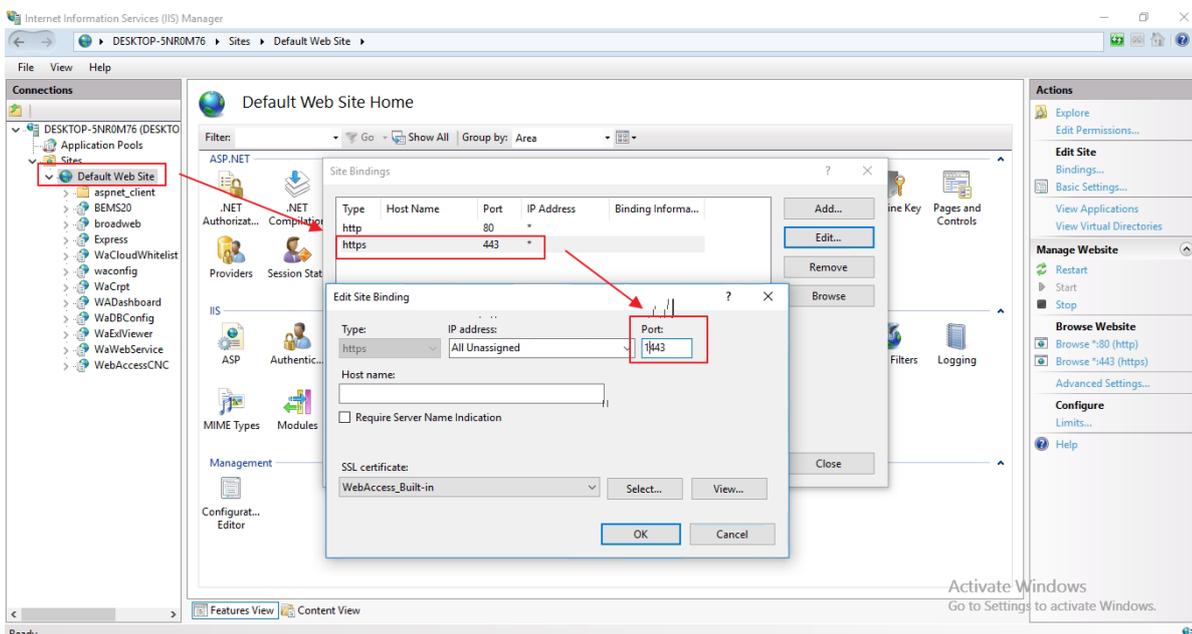
How to modify the port in Data source of WISE_PaaS Dashboard



1. Please open C:\WebAccess\Node\bwclient.ini and find https which is under IIS. For example user can modify to 1443. If file does not contain such line, please add it.



2. Go to IIS management. Also modify port of https in "Edit Binding"



3. Log in to local WISE_PaaS Dashboard and check data source.

The screenshot shows the 'Data Sources / default_webaccess_datasource' configuration page in the WebAccess interface. The page title is 'Data Sources / default_webaccess_datasource' with a subtitle 'Type: WebAccess'. A 'Settings' menu is visible in the top left. The main configuration area includes a 'Name' field with the value 'default_webaccess_datasource' and a 'Default' toggle switch that is turned on. A message box states: 'The WebAccess data source is added automatically by WebAccess. You should not setting yourself.' Below this, there are three sections: 'HTTP' with a 'Port' field set to '1443', 'Basic Auth' with 'User' set to 'admin' and 'Password' set to 'password', and 'WebAccess Details' with 'Project Name' set to 'Test'. At the bottom, there are three buttons: 'Save & Test', 'Delete', and 'Back'.

How to modify the port of Saas composer

1. Open `C:\WebAccess\Node\bwserver.ini` and modify `saas_port=5000`

The screenshot shows a Notepad++ window with the file `C:\WebAccess\Node\bwserver.ini` open. The file content is as follows:

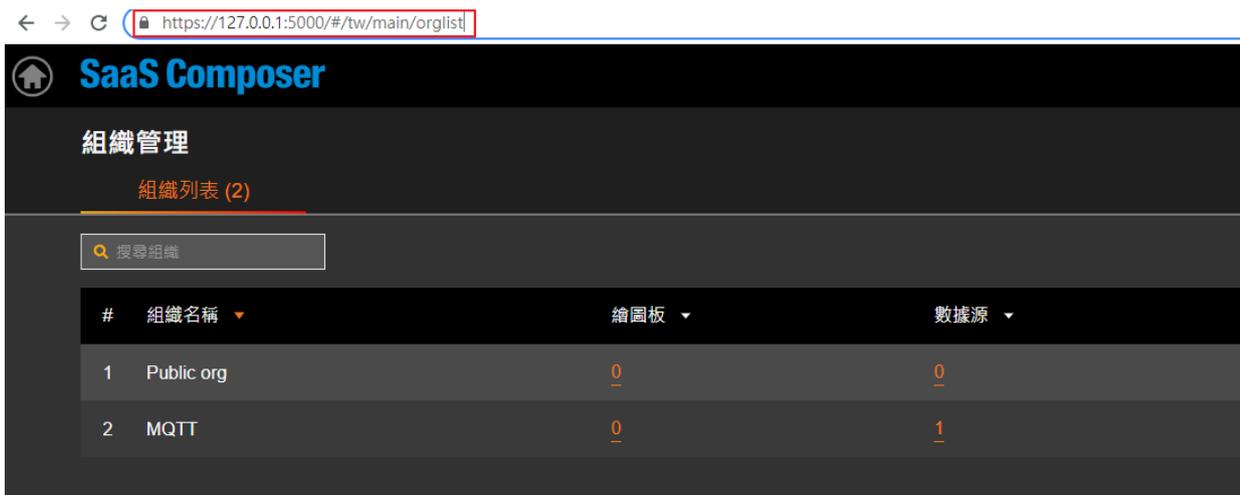
```

1 [port]
2   web_rpc_port=4592
3   web_socket_port=14592
4   dashboard_port=8081
5   saas_port=5000
6
7 [nodetype]
8   type=0
9
10 [security]
11 [language]
12   type=4
13 [www]
14   root=C:\Inetpub\wwwroot
15   protocol=http
16   port=80
17 [smtp]
18   port=0
19 [wisepaas]
20   groupsend=0
21   arraysend=0
22 [WebAccess]
23   IgnoreOnline=1
24   dllpath=C:\WebAccess\Node\
25 [VS2013REDIST]
  
```

- Open the other file `C:\WebAccess\Node\WISE-PaaS_SaaS-Composer\setting\custom.yaml`
And modify `http_port` to 5000

```
*C:\WebAccess\Node\WISE-PaaS_SaaS-Composer\setting\custom.yaml - Notepad++
檔案(F) 編輯(E) 搜尋(S) 檢視(V) 編碼(N) 語言(L) 設定(T) 工具(O) 巨集(M) 執行(R) 外掛(P) 視窗(W) ?
index.html x index.html x custom.yaml x
61 element_extensions:
62 - json
63 enable_3d_sketchboard: true
64 enable_built_in_galleries: true
65 enable_cron_db_backup: false
66 enable_data_source_import: true
67 enable_node_red_module: true
68 galleries:
69 - builtIn
70 galleries_path: ./ht/storage
71 group_name: postgres
72 hide_user_management: false
73 http_addrs: null
74 http_port: "5000"
75 img_extensions:
76 - png
77 - gif
78 - jpg
79 - jpeg
80 - svg
81 - mp3
82 - mp4
```

- Run cmd as administrator and type
“net stop WISE-PaaS_SaaS-Composer” to stop service.
“net start WISE-PaaS_SaaS-Composer” to start service again.
- Access to project home and log in to SaaS composer to check the result



■ Pin Definition (in case of serial connection)

■ Reference: