

Advantech SE Technical Share Document

| Date | 2021/9/14 | Bolated | WebAccess/WISE_PaaS Dashboard/WISE_PaaS_Saas_Composer | | | | | |
|------------|--|-----------------|--|------------------|--|--|--|--|
| Category | □ FAQ ■ SOP □ Driver Tech Note | Product | | | | | | |
| Abstract | ract How to modify default ports of WebAccess after installation | | | | | | | |
| Keyword | WebAccess/WISE | E_PaaS Dashboar | 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"





Enabling an Intelligent Planet

2. Find "Default Web Site" \rightarrow "Edit Binding"



3. Modify the port to 81



4. Please reboot the IIS after modification.



AD\ANTECH

Enabling an Intelligent Planet

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.

| ≡ SCADA Project Management | |
|---|--------------------------------------|
| Test | Q Tag Search |
| + 😢 88 Inset Eat Viewers | |
| Project Node Comport/Point Device Tag/Block | Project Property |
| Test O O | Project Name Test |
| | Project Description |
| | Project Node IP Address 127.0.0.1 |
| • | Project Primary TCP Port 4592 |
| | Project Timeout (Unit:Seconds) 0 |
| | Remote Access Code |
| | Project Node HTTP Port |
| | Log Changes to System Log No |
| | |
| - CCADA Project Management | |
| | WebAccess |
| | Q Tag Search |
| 十 년2 回 역간 년2 년3 년3 월 18 전 12 臣 王 (19 14 14 14 14 14 14 14 14 14 14 14 14 14 | Draw Viewer Download Export |
| Project Node Comport/Point Device Tag/Block | Node Property |
| Test Test | Node Name Test |
| | Node Description |
| | Node Primary TCP Port 4592 |
| | Node Secondary TCP Port 14592 |
| | SCADA Node IP Address 127.0.0.1 |
| | Remote Access Code |
| | Advanced V |

AD\ANTECH

Enabling an Intelligent Planet

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



Then go to C:\WebAccess\Node\bwserver.ini Modify the port which is under "Grafana"



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

| Enabling | an Inte | lligent Planet | | | | | | | |
|------------|-----------|---------------------------|----------------------|--------------|-----------|--------------|------|--|--|
| WebAc | 2. | Data Sources | / default_v | vebacc | ess_o | dataso | urce | | |
| ≆ Settings | 5 | | | | | | | | |
| Name | | default_webaccess_data | source | Default | | | | | |
| | | | | | | | | | |
| The WebA | iccess da | ta source is added autom. | atically by WebAcces | s. You shoul | d not set | ting yoursel | | | |
| The WebA | vccess da | a source is added autom | atically by WebAcces | s. You shoul | d not set | ting yoursel | | | |

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.



📬 Internet li ٥ 📴 🖂 🟠 🔞 -← → DESKTOP-5NR0M76 → Sites → Default Web Site → File View Help Connections Actions ٢ Default Web Site Home Explore Edit Permis GESKTOP-5NR0M76 (DESKTO • 🦅 Go - 🕁 Show All | Group by: Area -Filter: Application Pools Edit Site Case
 ASP.NET Site Binding ٩ En Basic Setting .NET Authorizat... .NET Compilat Туре Host Name Port IP Address Binding Informa... Add... ine Key Pages and Controls View Ap http https **View Virtual Direct** Edit... 443 6 Manage Website Remove 💈 Restart Providers Se tion St Start Browse Edit Site Binding × ? * 14 . Stor IIS -IP address: Port: 1/443 Browse Website ASP 2 Туре • Browse *:80 (http) https All Unassigned Authentic Logging Browse *:443 (https:// ters Host name: Advanced Settings 4 **}** Configure Require Server Name Indication MIME Types Modul Help Manager Close SSL certificates ✓ Select... View... WebAccess_Built-in Configurat... Editor OK Cancel Activate Windows Go to Settings to activate Windows > Features View 🗟 Content View Ready

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

6=



Enabling an Intelligent Planet

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

| WebAcc | Data Sou Type: WebAccess | <u>rces</u> / default_v | vebac | cess_ | dataso | ource | | |
|--------------|-----------------------------|--------------------------|-------------|------------|--------------|-------|--|--|
| ≢ Settings | | | | | | | | |
| Name | default_webacces | s_datasource | Default | | | | | |
| The WebAc | cess data source is added | automatically by WebAcce | ss. You sho | uld not se | etting yours | elf. | | |
| HTTP | | | | | | | | |
| URL | https://{{dynamicIP}} | | | | | | | |
| Port | 1443 | | | | | | | |
| Basic Auth | | | | | | | | |
| User | admin | | | | | | | |
| Password | | | | | | | | |
| WebAcess I | Details | | | | | | | |
| Project Name | Test | | | | | | | |
| | | | | | | | | |
| Save & Test | Delete Back | | | | | | | |

How to modify the port of Saas composer

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

| 📔 C:\We | bAccess\Node\bwserver.ini - Notepad++ |
|------------|--|
| 檔案(F) | 编辑(E) 授尋(S) 檢視(V) 編碼(N) 語言(L) 設定(D) 工具(O) 巨集(M) 執行(R) 外掛(P) 視窗(VV) 2 |
| ے 🔁 🕞 |] 🖻 🗟 😘 🎒 🐇 🖺 🛍) 🗩 C # 🏂 🔍 🤫 🕞 💁 9 📕 🚍 9 📕 🖉 🚳 🖉 💷 9 🖿 🗷 🗎 |
| 🔚 index.ht | ml 🕺 🔚 index.html 🔀 🔚 custom yaml 🔀 🔚 bwserver.ini 😫 |
| 1 | □ [port] |
| 2 | web_rpc_port=4592 |
| 3 | web_socket_port=14592 |
| 4 | dashboard_port=8081 |
| 5 | saas_port=5000 |
| 6 | L |
| 7 | p[nodetype] |
| 8 | type=0 |
| 9 | L |
| 10 | [security] |
| 11 | □ [language] |
| 12 | Ltype=4 |
| 13 | [www] |
| 14 | root=C:\Inetpub\wwwroot |
| 15 | protocol=http |
| 16 | Lport=80 |
| 17 | [smtp] |
| 18 | Lport=0 |
| 19 | □[wisepaas] |
| 20 | groupsend=0 |
| 21 | Larraysend=0 |
| 22 | [WebAccess] |
| 23 | IgnoreOnline=1 |
| 24 | Ldllpath=C:\WebAccess\Node\ |
| 25 | [US2013REDIST] |

AD\ANTECH

Enabling an Intelligent Planet

2. Open the other file C:\WebAccess\Node\WISE-Paas_SaaS-Composer\setting\custom.yaml

And modtify http_port to 5000

X *C:\WebAccess\Node\WISE-PaaS_SaaS-Composer\setting\custom.yaml - Notepad++ 檔案(F) 編輯(E) 授尋(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) ?] 🚽 🖶 🕞 🕼 🕼 🐇 🖺 🜔 | Ə 😋 | # 🦕 | 🤏 👒 | 🖫 🖼 1 | 澤 🖉 💹 🖉 📼 💌 | 🗉 🕑 🔤 🔚 index.html 🗷 🔚 index.html 🗵 🔚 custom.yaml 🗵 61 element extensions: 62 - json 63 enable_3d_sketchboard: true 64 enable_builtin_galleries: true 65 enable cron_db_backup: false 66 enable data_source_import: true enable_node_red_module: true 67 68 galleries: 69 - builtIn 70 galleries_path: ./ht/storage 71 group name: postgres hide user management: false 72 http addrs: null 73 http port: "5000" 74 75 img extensions: 76 - png 77 - gif 78 - jpg 79 - jpeg 80 - svq 81 - mp3 82 - mp4

3. 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.

4. Access to project home and log in to Saas composer to check the result

| $\leftarrow \ \rightarrow$ | → C (https://127.0.0.1:5000/#/tw/main/orglist | | | | | | | | |
|------------------------------|--|------------|-------|-------|--|--|--|--|--|
| | SaaS Composer | | | | | | | | |
| | 。 組織管理 1 | | | | | | | | |
| | | 組織列表 (2) | | | | | | | |
| | Q 搜尋組織 | | | | | | | | |
| | # | 組織名稱 🔻 | 繪圖板 ▼ | 數據源 ▼ | | | | | |
| | 1 | Public org | | | | | | | |
| | 2 | MQTT | | | | | | | |
| | | | | | | | | | |

- Pin Definition (in case of serial connection)
- Reference: