

PSO2020 如何配置 WebHmi 正确显示

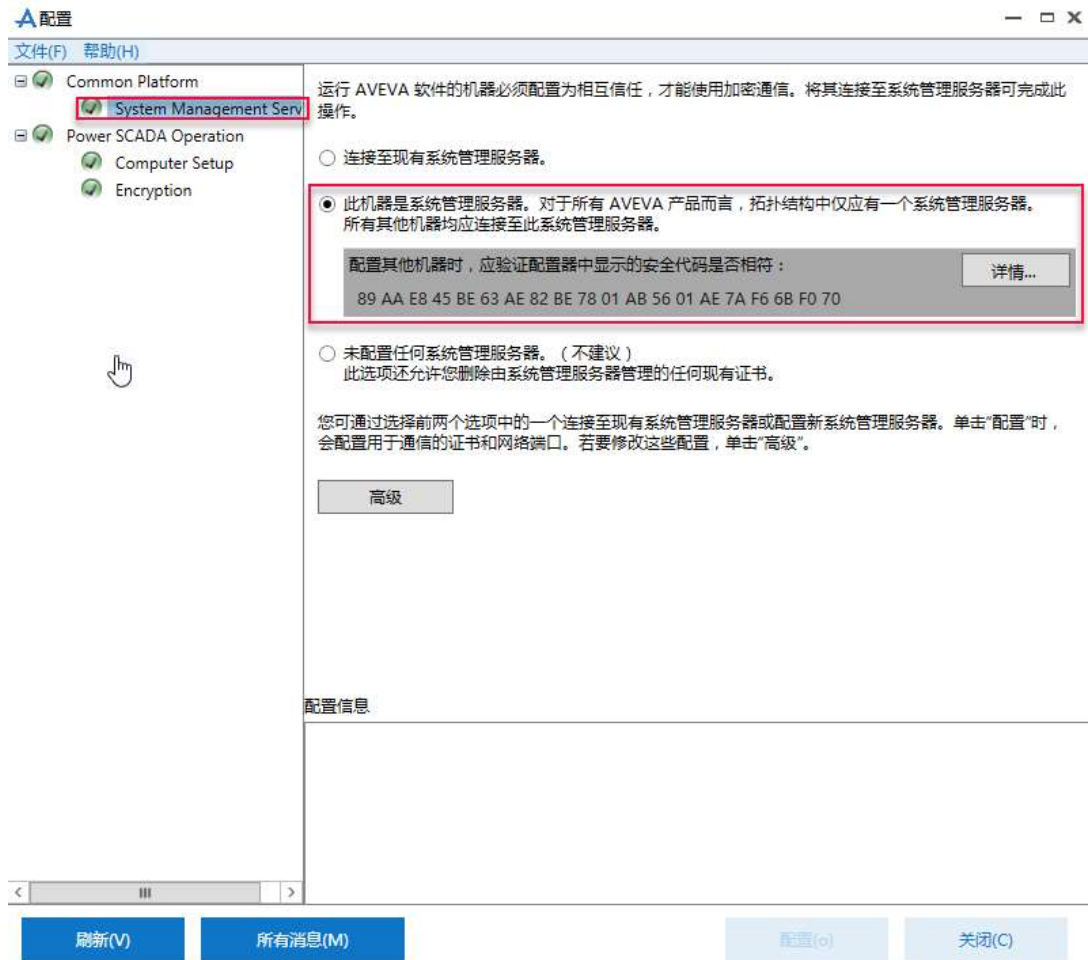
问题描述:

PSO2020 如何配置 WebHmi 正确显示

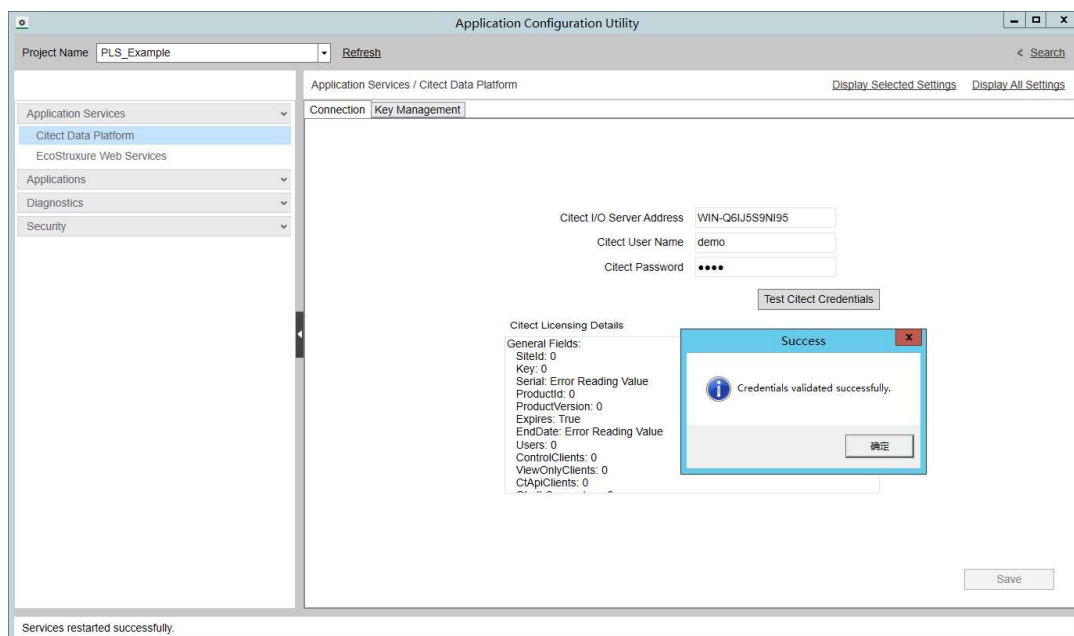
解决方案:

步骤如下:

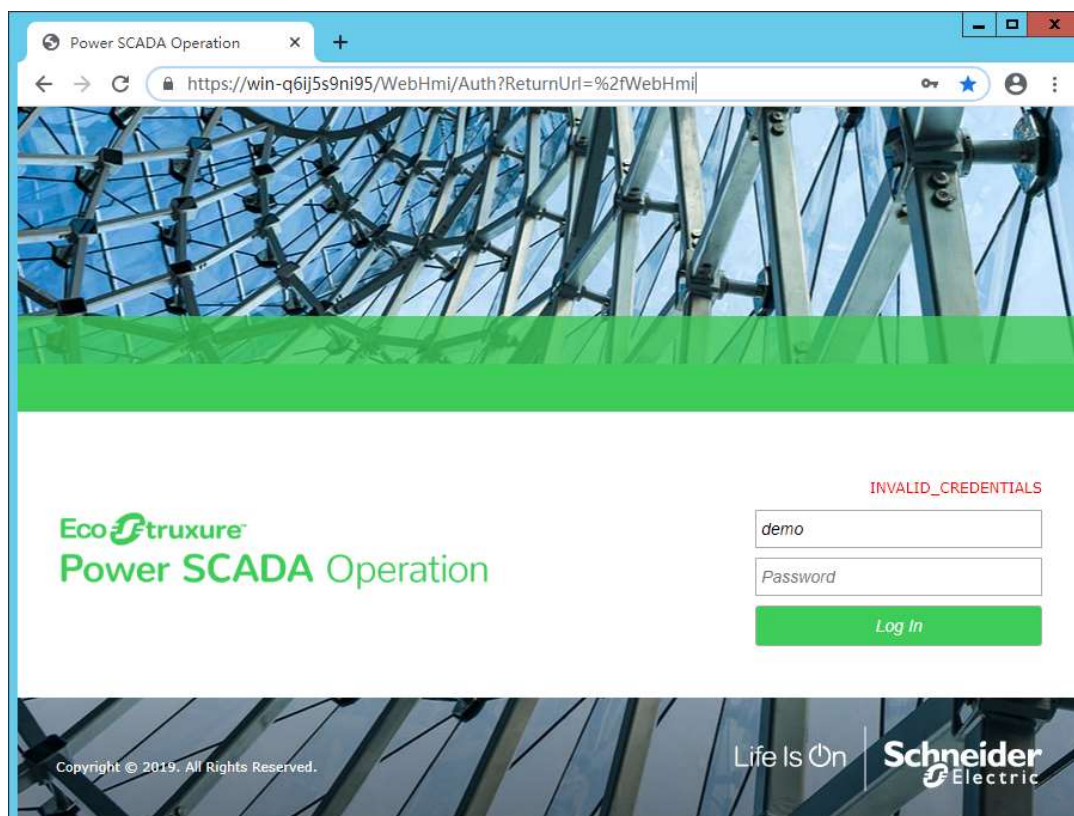
- 1. PSO 有授权，并运行起来。
- 2. [CTAPI]Remote=1 参数
- 3. 配置器中必须配置通过，并用新生成的证书绑定给 443 端口：



- 4. ACU 中必须验证通过



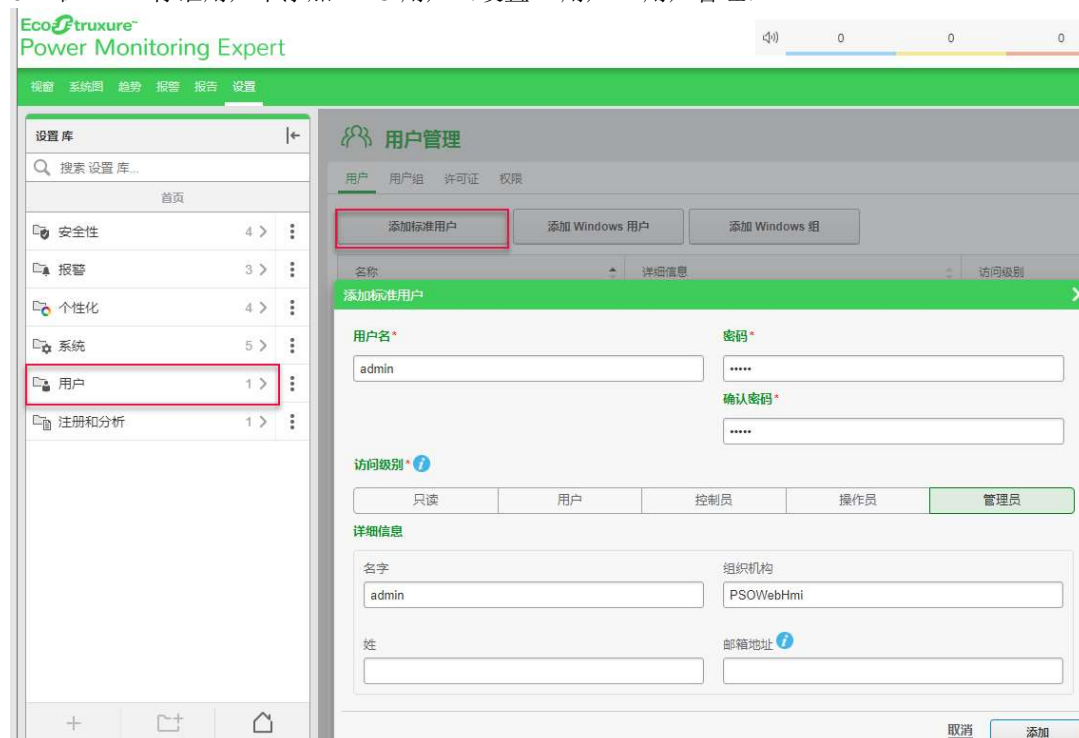
如果第 2 步测试不通过，打开 WebHmi 时会碰到登陆时报“INVALID_CREDENTIALS”（必须用 Google 浏览器）



5. 在 PME 中授权 PSO 的 WebHmi



6. 在 PME 标准用户中添加 PSO 用户（设置>>用户>>用户管理）



PSO WebHmi 报如下错误的可能原因：

1 配置器里面没有添加证书

2 ACU 里面配置证书

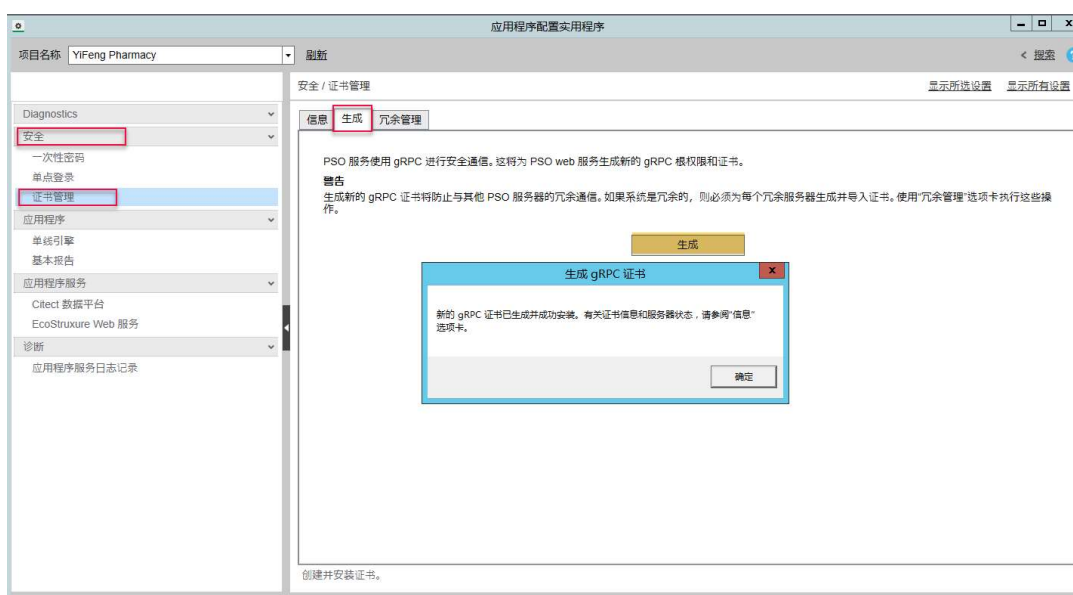
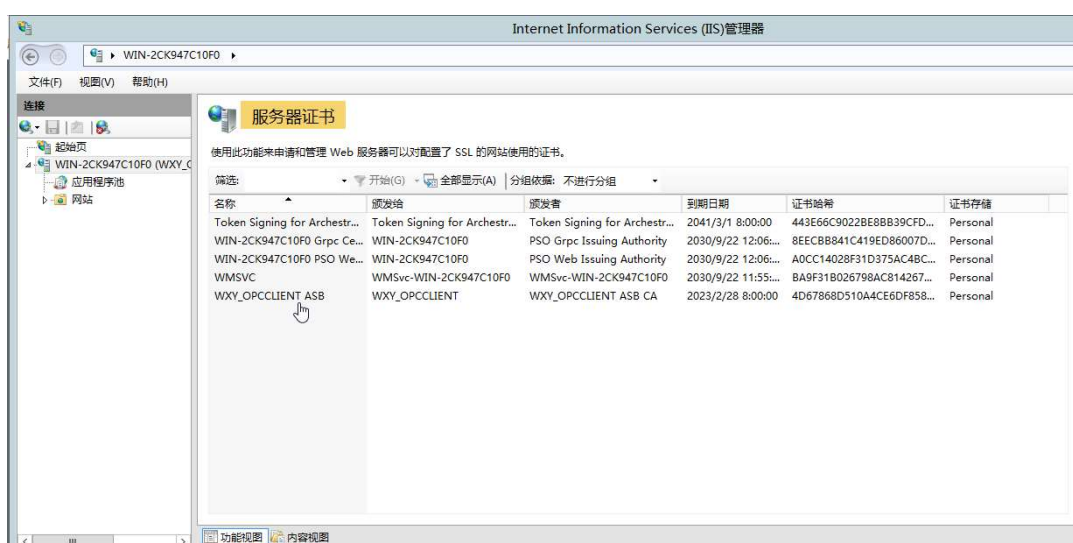
3 确定没有修改如下文件（或者将他们修改回来，localhost）

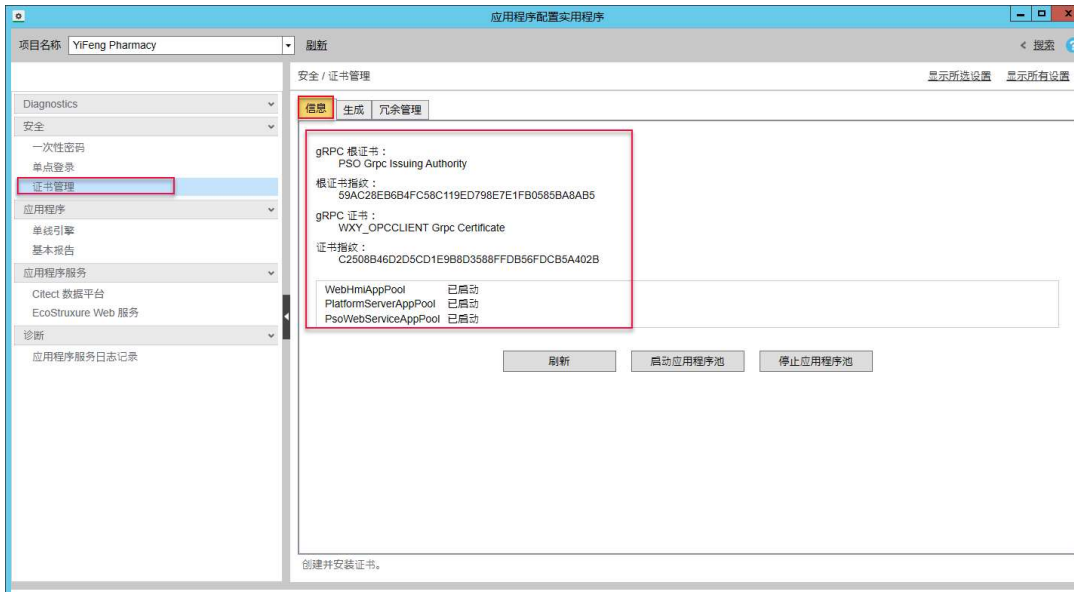
Make sure you have not edited any ports or hostname in

- appsettings.json located in
“C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\Platform Server”
- appsettings.json located in
“C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\Pso WebService”
- Web.config located in
“C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Web\WebHmi”
- Web.config located in
“C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Web\SystemDataService”

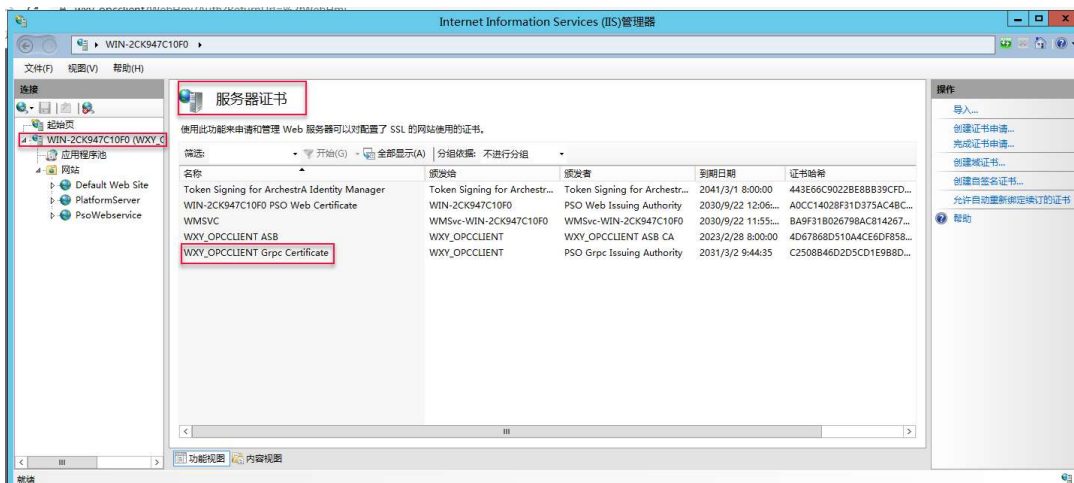
如果是证书问题，报错记录如下：

证书：

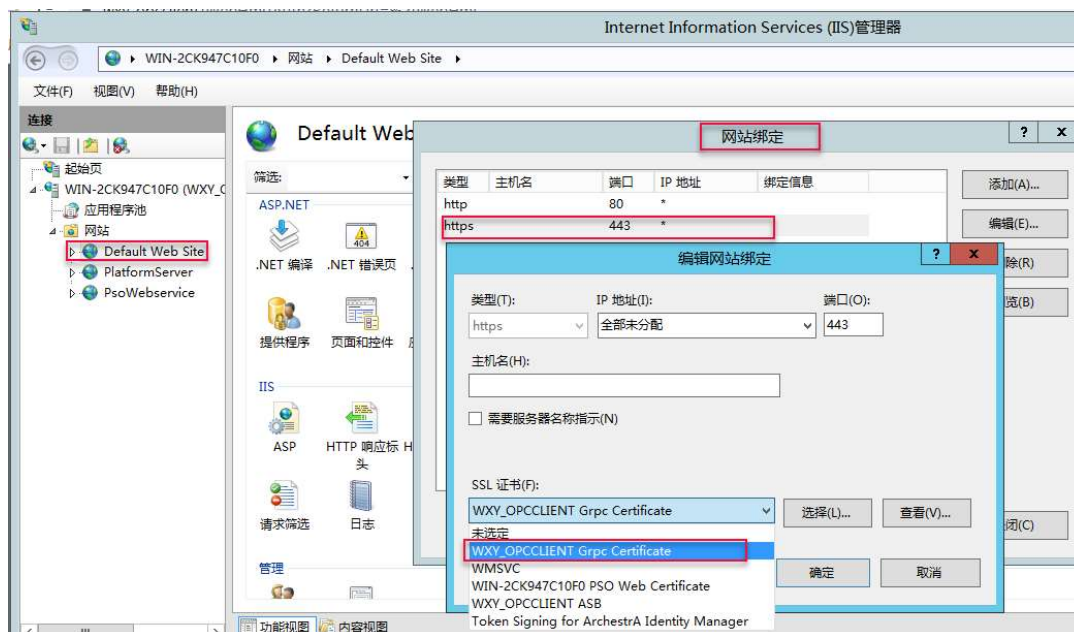




重新生成了证书：



编辑绑定新的证书：



7. HmiConfiguration.json 文件配置

C:\Program Files (x86)\Schneider Electric\Power Scada Operation\v2020\Applications\Web\SystemDataService\App_Data\Configuration\

```
{
  "ItemType": "Integration",
  "ItemIdentifier": "PME",
  "ItemKey": "HttpRoot",
  "OwnerIdentityId": "GlobalSetting",
  "Value": "https://wxy_opcclient"
}
```

```

1  {
2    "Entries": [
3      {
4        "ItemType": "Web Application",
5        "ItemIdentifier": "Shared Settings",
6        "ItemKey": "IdleTimeoutInMinutes",
7        "OwnerIdentityId": "GlobalSetting",
8        "Value": "0"
9      },
10     {
11       "ItemType": "Web Application",
12       "ItemIdentifier": "Diagrams Settings",
13       "ItemKey": "ProjectName",
14       "OwnerIdentityId": "GlobalSetting",
15       "Value": "YiFeng Pharmacy"
16     },
17     {
18       "ItemType": "Web Application",
19       "ItemIdentifier": "Alarm Settings",
20       "ItemKey": "IsTop3Alarm",
21       "OwnerIdentityId": "GlobalSetting",
22       "Value": "true"
23     },
24     {
25       "ItemType": "Integration",
26       "ItemIdentifier": "PME",
27       "ItemKey": "HttpRoot",
28       "OwnerIdentityId": "GlobalSetting",
29       "Value": "https://wxy_opcclient"
30     }
31   ]
32 }

```

8. ApplicationMenuConfig.json 文件配置

C:\Program Files (x86)\Schneider Electric\Power Scada Operation\v2020\Applications\Web\SystemDataService\App_Data\Configuration\

```

{

  "Id": "PmeDashboards",

  "Description": "PME Dashboards",

  "DisplayName": "Dashboards",

  "ResourceSet": null,

  "Enabled": true,

  "Target": "/psodataservice/pme/auth?returnUrl=%2fDashboards%2f",

  "IsFactoryApplication": false,

  "RequiredPrivilege": null

},

{

  "Id": "PMEReports",

  "Description": "PME Reports",

  "DisplayName": "Adv Reports",

  "ResourceSet": null,

```

```

    "Enabled": true,

    "Target": "/psodataservice/pme/auth?returnUrl=%2fReporter%2f",

    "IsFactoryApplication": false,

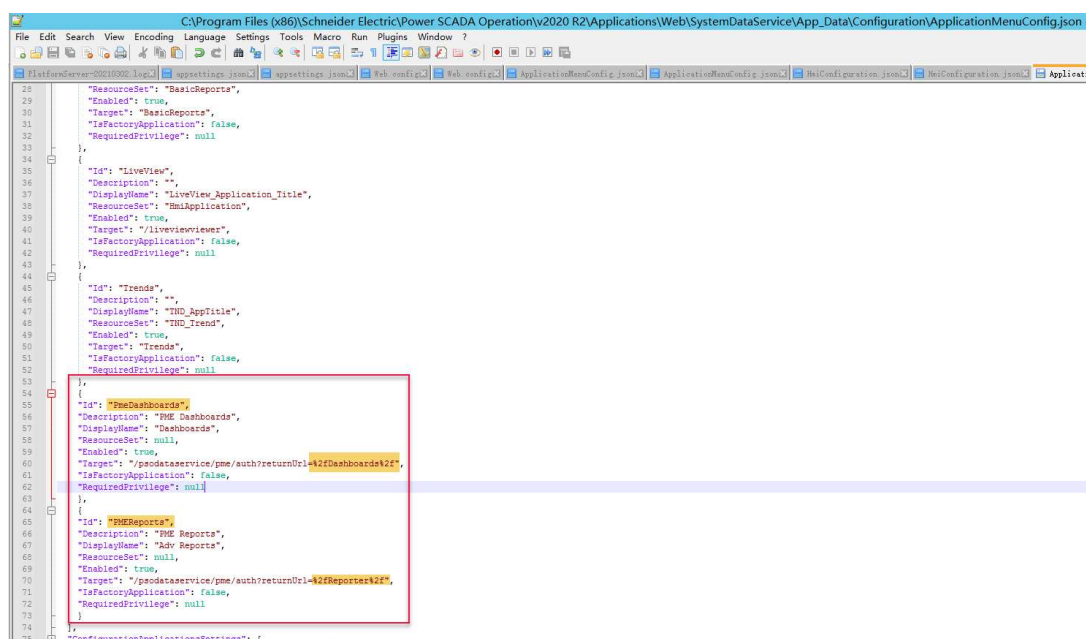
    "RequiredPrivilege": null
  }
},

```

```

"ConfigurationApplicationsSettings": [

```

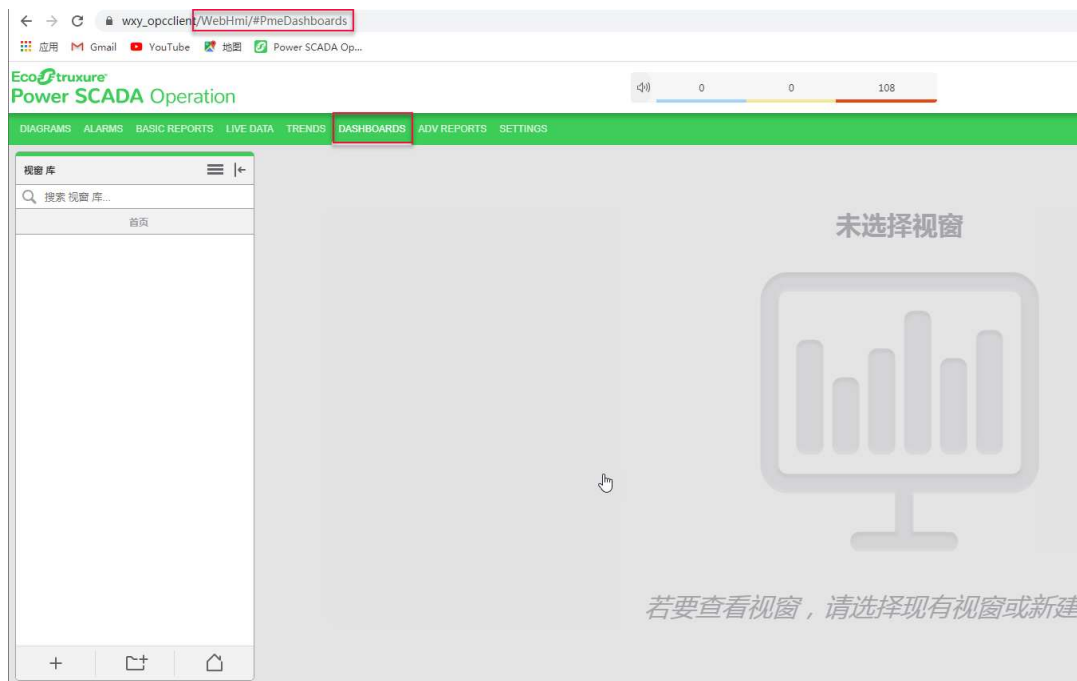


```

28  "ResourceSet": "BasicReports",
29  "Enabled": true,
30  "Target": "BasicReports",
31  "IsFactoryApplication": false,
32  "RequiredPrivilege": null
33  },
34  {
35    "Id": "LiveView",
36    "Description": "",
37    "DisplayName": "LiveView_Application_Title",
38    "ResourceSet": "HmiApplication",
39    "Enabled": true,
40    "Target": "/liveviewviewer",
41    "IsFactoryApplication": false,
42    "RequiredPrivilege": null
43  },
44  {
45    "Id": "Trends",
46    "Description": "",
47    "DisplayName": "TND_AppTitle",
48    "ResourceSet": "TND_Trend",
49    "Enabled": true,
50    "Target": "Trends",
51    "IsFactoryApplication": false,
52    "RequiredPrivilege": null
53  },
54  {
55    "Id": "PmeDashboards",
56    "Description": "PME Dashboards",
57    "DisplayName": "Dashboards",
58    "ResourceSet": null,
59    "Enabled": true,
60    "Target": "/psodataservice/pme/auth?returnUrl=%2fDashboards%2f",
61    "IsFactoryApplication": false,
62    "RequiredPrivilege": null
63  },
64  {
65    "Id": "PmeReports",
66    "Description": "PME Reports",
67    "DisplayName": "Adv Reports",
68    "ResourceSet": null,
69    "Enabled": true,
70    "Target": "/psodataservice/pme/auth?returnUrl=%2fReporter%2f",
71    "IsFactoryApplication": false,
72    "RequiredPrivilege": null
73  }
74  },
75  "ConfigurationApplicationsSettings": [

```

9. WebHmi访问高级报告、视窗



如果一直报错误，可以查看系统log:

C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\Platform Server\Logs

```
25335 [2021-03-02 03:26:40.759 PM [Information] ConnectionManager service running.
25336 [2021-03-02 03:26:40.786 PM [Information] Application started. Press Ctrl+C to shut down.
25337 [2021-03-02 03:26:40.787 PM [Information] Hosting environment: "Production"
25338 [2021-03-02 03:26:40.787 PM [Information] Content root path: "C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\Platform Server"
25339 [2021-03-02 03:26:41.073 PM [Information] Starting service(s) with host="localhost" and port=23201
25340 [2021-03-02 03:26:41.096 PM [Information] HealthCheck service running.
25341 [2021-03-02 03:26:41.720 PM [Information] Service(s) running.
25342 [2021-03-02 03:26:44.059 PM [Information] One Line Engine service running.
25343 [2021-03-02 03:26:44.066 PM [Warning] Empty model at OnLineConfiguration.Custom.json
25344 [2021-03-02 03:26:44.066 PM [Warning] Empty model at OnLineConfiguration.Custom.json
25345 [2021-03-02 03:26:56.632 PM [Information] Request starting HTTP/1.1 GET https://localhost/
25346 [2021-03-02 03:26:56.656 PM [Information] Request finished in 25.4342ms 200
25347 [2021-03-02 03:26:58.723 PM [Warning] Empty model at OnLineConfiguration.Custom.json
25348 [2021-03-02 03:26:59.096 PM [Information] Connected to web service at localhost:23200
```

C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\Pso Webservice\Logs

```
19324 [2021-03-02 02:50:53.122 PM [Information] Request finished in 13.011ms 200
19325 [2021-03-02 03:20:42.621 PM [Information] UserCache service running.
19326 [2021-03-02 03:20:42.655 PM [Information] Starting services with host=localhost and port=23200
19327 [2021-03-02 03:20:43.203 PM [Information] Services running.
19328 [2021-03-02 03:20:43.206 PM [Information] ConnectionManager service running.
19329 [2021-03-02 03:20:43.213 PM [Information] Application started. Press Ctrl+C to shut down.
19330 [2021-03-02 03:20:43.214 PM [Information] Hosting environment: "Production"
19331 [2021-03-02 03:20:43.214 PM [Information] Content root path: "C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\Pso Webservice"
19332 [2021-03-02 03:20:50.105 PM [Information] Request starting HTTP/1.1 GET https://localhost/
19333 [2021-03-02 03:20:50.128 PM [Information] Request finished in 24.9308ms 200
19334 [2021-03-02 03:26:41.515 PM [Information] UserCache service running.
19335 [2021-03-02 03:26:41.530 PM [Information] Starting services with host=localhost and port=23200
19336 [2021-03-02 03:26:41.761 PM [Information] Services running.
19337 [2021-03-02 03:26:41.764 PM [Information] ConnectionManager service running.
19338 [2021-03-02 03:26:41.771 PM [Information] Application started. Press Ctrl+C to shut down.
19339 [2021-03-02 03:26:41.772 PM [Information] Hosting environment: "Production"
19340 [2021-03-02 03:26:41.772 PM [Information] Content root path: "C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\Pso Webservice"
19341 [2021-03-02 03:26:47.813 PM [Information] Request starting HTTP/1.1 GET https://localhost/
19342 [2021-03-02 03:26:47.824 PM [Information] Request finished in 13.1132ms 200
```

如果是证书问题，会看到如下log 记录

C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\PsoWebService\Logs\PsoWebService-20210222.log | Notepad++ [Administrator]

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

84231 [2021-02-22 02:12:56.174 PM [Information] Hosting environment: "Production"

84232 [2021-02-22 02:12:56.174 PM [Information] Content root path: "C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\PsoWebService"

84233 [2021-02-22 02:13:00.351 PM [Information] Request starting HTTP/1.1 GET http://localhost/

84234 [2021-02-22 02:13:00.363 PM [Information] Request finished in 13.791ms 200

84235 [2021-02-22 02:13:00.440 PM [Information] ConnectionManager service ended normally.

84236 [2021-02-22 02:13:00.571 PM [Information] UserCache service running.

84237 [2021-02-22 02:13:01.011 PM [Information] Starting services with host=WIN-2CK947C10F0 and port=23200

84238 [2021-02-22 02:13:01.021 PM [Fatal] Shutting down services due to lack of credentials.

84239 [2021-02-22 02:13:01.021 PM [Information] Application is shutting down...

84240 [2021-02-22 02:13:01.024 PM [Information] ConnectionManager service running.

84241 [2021-02-22 02:13:01.029 PM [Information] Application started. Press Ctrl+C to shut down.

84242 [2021-02-22 02:13:01.029 PM [Information] Hosting environment: "Production"

84243 [2021-02-22 02:13:01.030 PM [Information] Content root path: "C:\Program Files (x86)\Schneider Electric\Power SCADA Operation\v2020 R2\Applications\Services\PsoWebService"

84244 [2021-02-22 02:13:03.396 PM [Information] Request starting HTTP/1.1 GET http://localhost/

84245 [2021-02-22 02:13:03.308 PM [Information] Request finished in 13.8796ms 200

84246 [2021-02-22 02:13:03.420 PM [Information] ConnectionManager service ended normally.

84247 [2021-02-22 02:13:04.654 PM [Information] UserCache service running.

84248 [2021-02-22 02:13:04.685 PM [Information] Starting services with host=WIN-2CK947C10F0 and port=23200

84249 [2021-02-22 02:13:04.695 PM [Fatal] Shutting down services due to lack of credentials.

84250 [2021-02-22 02:13:04.695 PM [Information] Application is shutting down...

84251 [2021-02-22 02:13:04.698 PM [Information] ConnectionManager service running.

84252 [2021-02-22 02:13:04.704 PM [Information] Application started. Press Ctrl+C to shut down.

84253 [2021-02-22 02:13:04.704 PM [Information] Hosting environment: "Production"