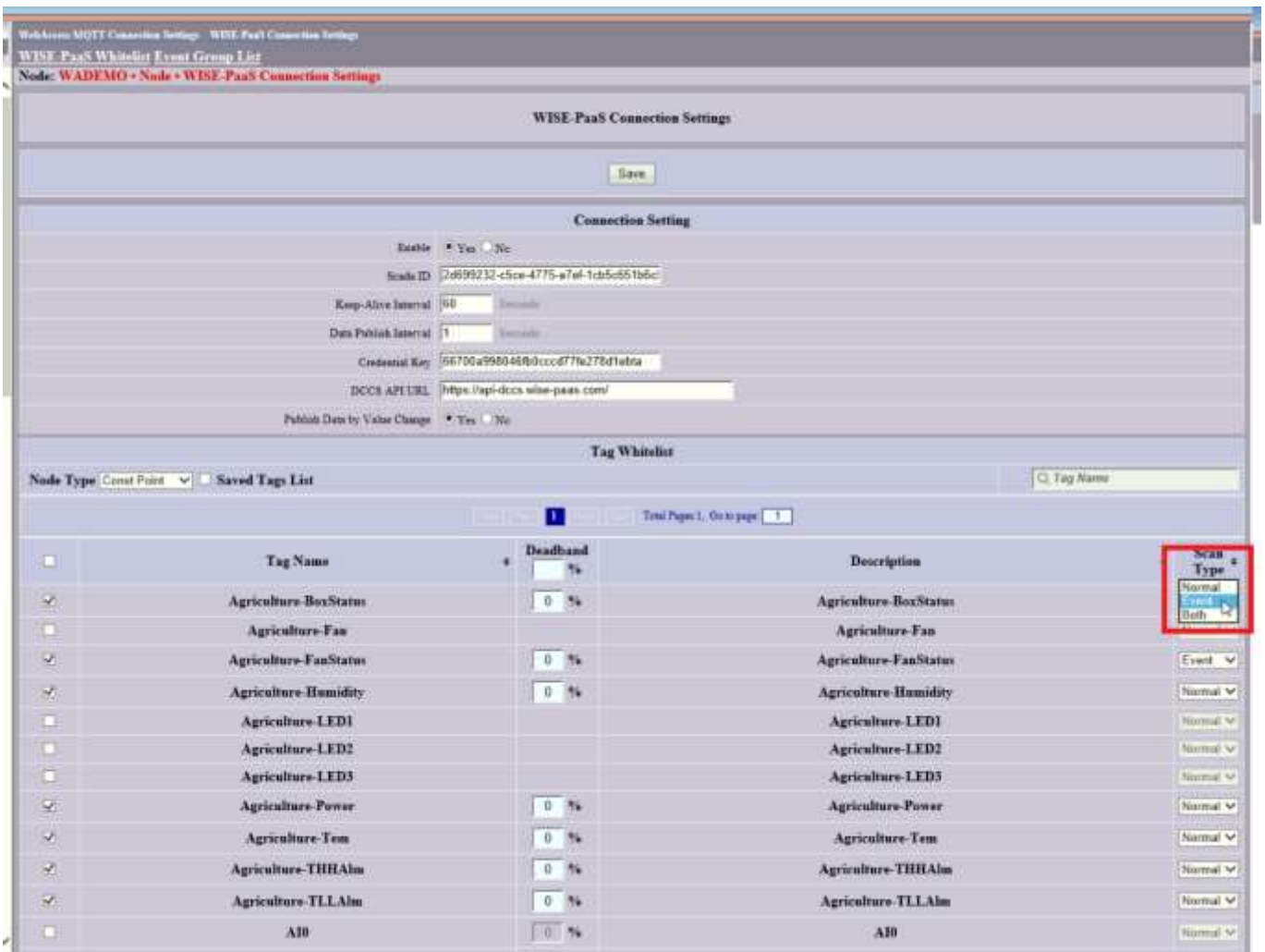


Advantech SE Technical Share Document

Date	2019 / 09 / 24	Related Product	WebAccess/SCADA, WISE-PaaS/SCADA	
Category	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP <input type="checkbox"/> Driver Tech Note			
Abstract	How to publish MQTT message to WISE-PaaS by tag event trigger			
Keyword	WebAccess/SCADA, WISE-PaaS/SCADA, WAMQTT, Group Send			
Related OS				
Revision History				
Date	Version	Author	Reviewer	Description
2019/09/24	V1.0	Eden.Sun	Nick.Liu	First Edit

■ **Problem Description & Architecture:**

WebAccess MQTT send designated tags to WISE-PaaS when target tag has event what is more than or less than value.



■ **Brief Solution - Step by Step:**

Group Send :

1. Need to open the WISE-PaaS group tag sending function.

Please edit the file [C:\WebAccess\Node\bwserver.ini](#) and modify “**groupsend = 1**”

名稱	修改日期	類型	大小
bwsch.uti	2002/8/2 下午 12:31	UTI 檔案	1 KB
bwschcls.uti	2009/3/18 下午 10:30	UTI 檔案	1 KB
bwschplc.uti	2002/8/2 下午 12:32	UTI 檔案	1 KB
bwscrp.exe	2019/3/26 下午 02:19	應用程式	160 KB
bwscrp.log	2019/11/17 下午 02:50	文字文件	7 KB
bwserver.ini	2019/11/18 上午 09:33	組態設定	1 KB
BwSNMP#.dll	2019/7/18 上午 11:20	應用程式擴充	48 KB
bwsound.exe	2018/6/5 下午 06:36	應用程式	40 KB
bwsound2.exe	2018/6/5 下午 06:37	應用程式	40 KB

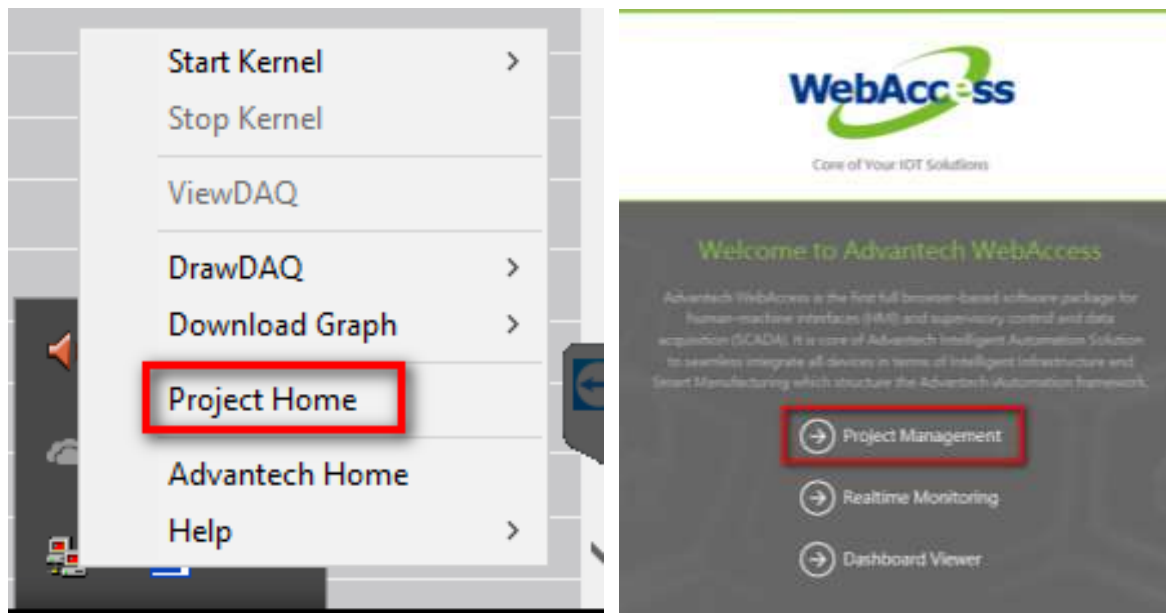
```

bwserver - Notepad
File Edit Format View Help
[port]
web_rpc_port=4592
web_socket_port=14592
dashboard_port=8081

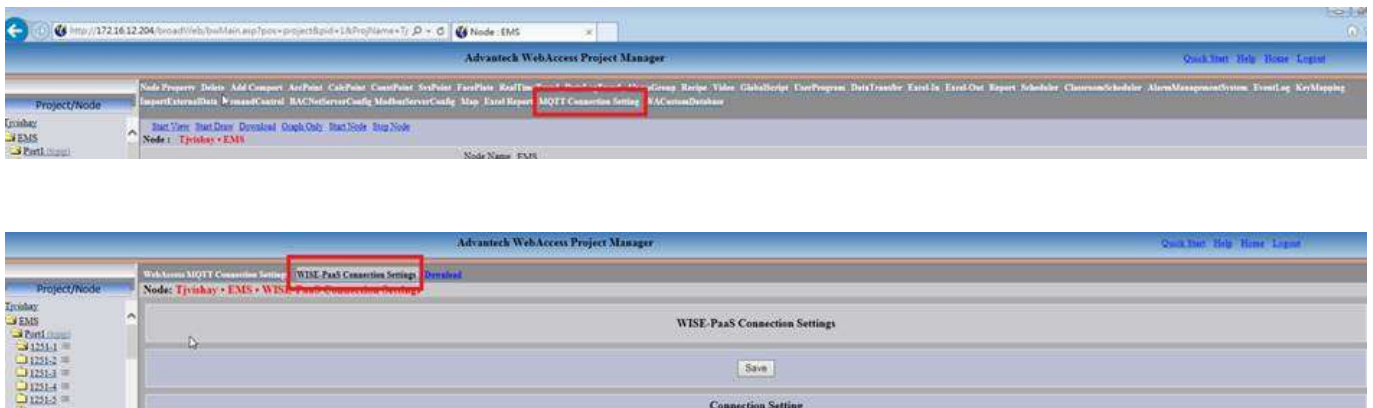
[nodetype]
type=0

[security]
[language]
type=1
[www]
root=C:\Inetpub\wwwroot
[smtp]
port=0
[wisepaas]
groupsend=1
[VS2013REDIST]
overwrite=0
[VS2015REDIST]
overwrite=0
[bwacctrns]
ok=1
[AppPool]
overwrite=0
    
```

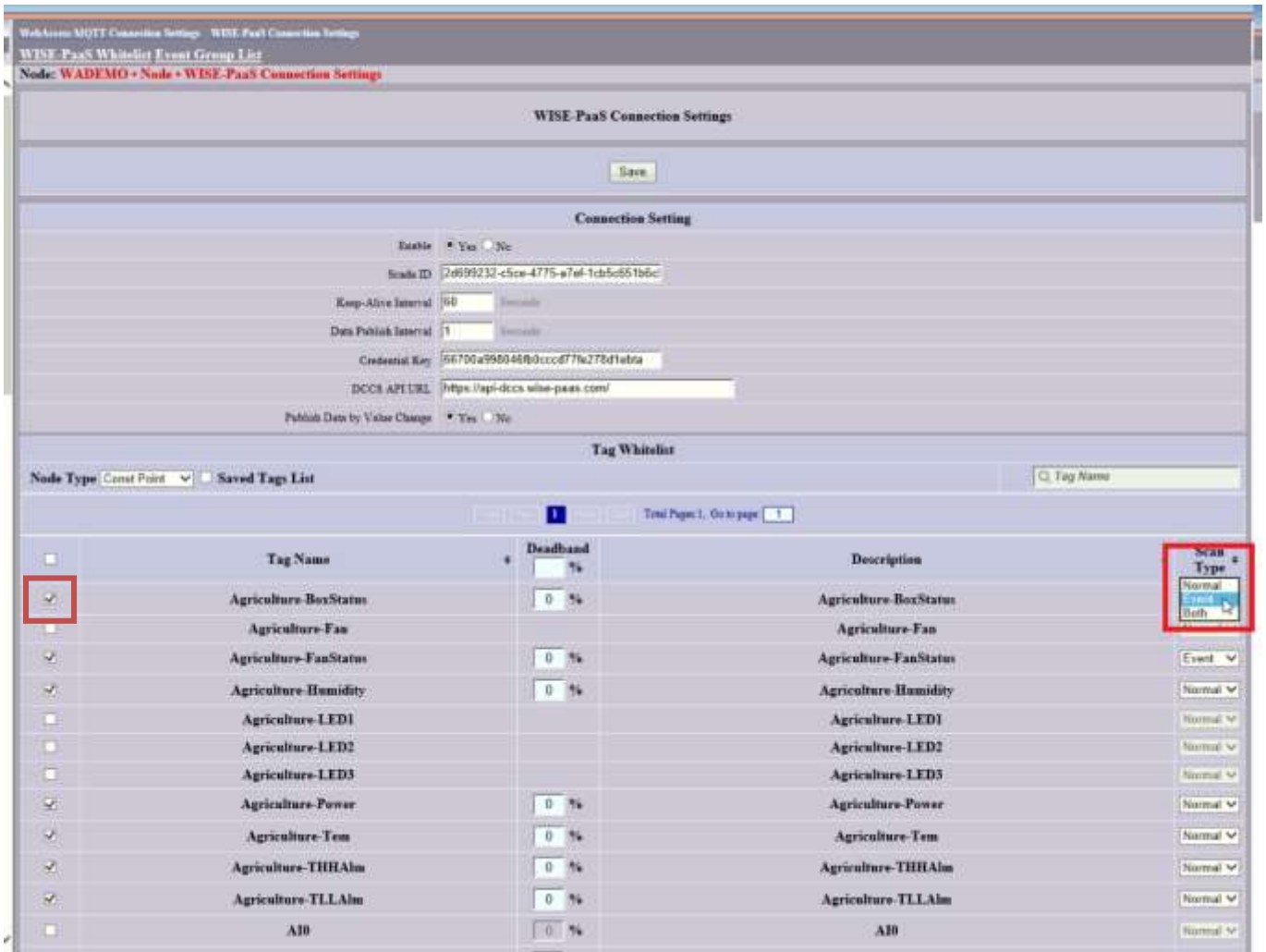
2. After change file please open “**Project Home**” and go to the “**SCADA Node Page**”.



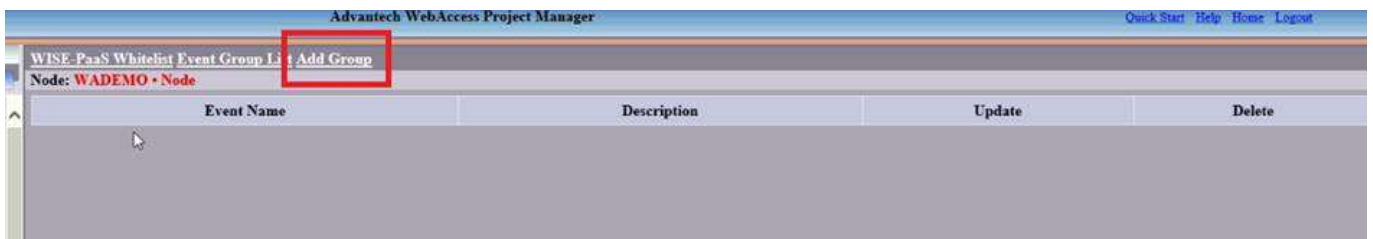
3. Then we will configure “**MQTT Connection Setting**” -> “**WISE-PaaS Connection Settings**” to choose which tags will upload to WISE-PaaS SCADA.



4. And you can see a bit different on this page, please choose which tags will upload to WISE-PaaS SCADA and set the scan type to “**Event**”.



5. Then please choose the “Event Group List” -> ”Add Group”.



6. Give the “Event Name”, “Event Type”, “Trigger Tags” and “Send Tags”. (The tag only be used which the scan type is event)

Advantech WebAccess Project Manager

WISE-PaaS Whitelist Event Group List

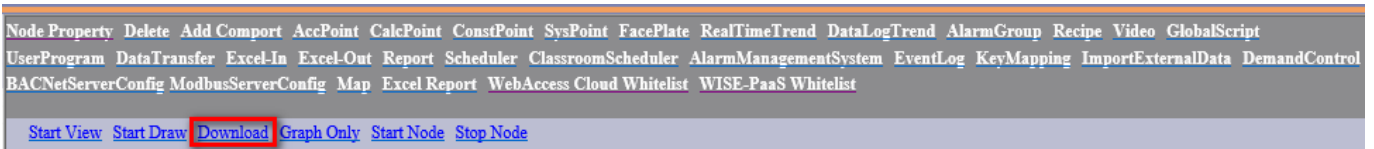
Node: WADEMO • Node

Event Name	<input type="text" value="Eden"/>
Description	<input type="text"/>
Event Type	<div style="border: 1px solid black; padding: 2px;"> Select event type... dbandAnd dbandOr </div>
Trigger Tags	Agriculture-BoxStatus *
Send Tags	Agriculture-BoxStatus *

[Cancel]

- ※The event type can choose “**dbandAnd**” and “**dbandOr**” .
- “**dbandAnd**” means that only all trigger tags change SCADA will send “Send Tags” to WISE-PaaS.
- “**dbandOr**” means that any trigger tags changes SCADA will send “Send Tags” to WISE-PaaS.

7. Finally, please **download project** to SCADA and you can come back to SCADA portal then find the tag has been uploaded to WISE-PaaS



■ **Pin Definition (in case of serial connection):**

■ **Reference:**