

# Advantech AE Technical Share Document

Date	2018/8/28	SR#	1-3553563969
Category	■FAQ □SOP	Related OS	N/A
Abstract	The configuration step of ADAM-3600 actively connecting to WebAccess		
Keyword	Active, Connect, WebAccess		
Related Product	ADAM-3600, ECU-1152, ECU-1251		

## ■ Problem Description:

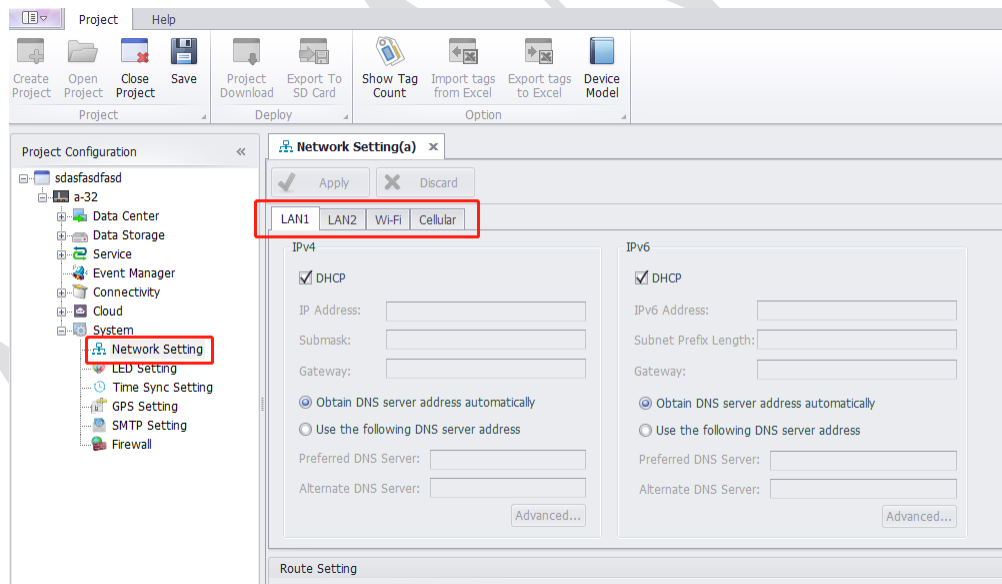
This document describes the configuration steps that ADAM-3600 actively connecting to WebAccess.

## ■ Answer:

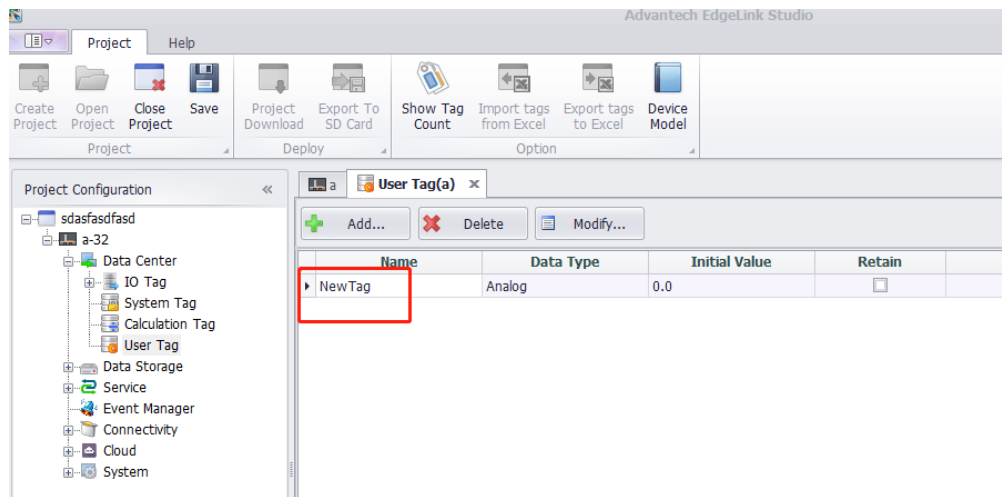
### 1. EdgeLink configuration

#### 1) Configure network setting

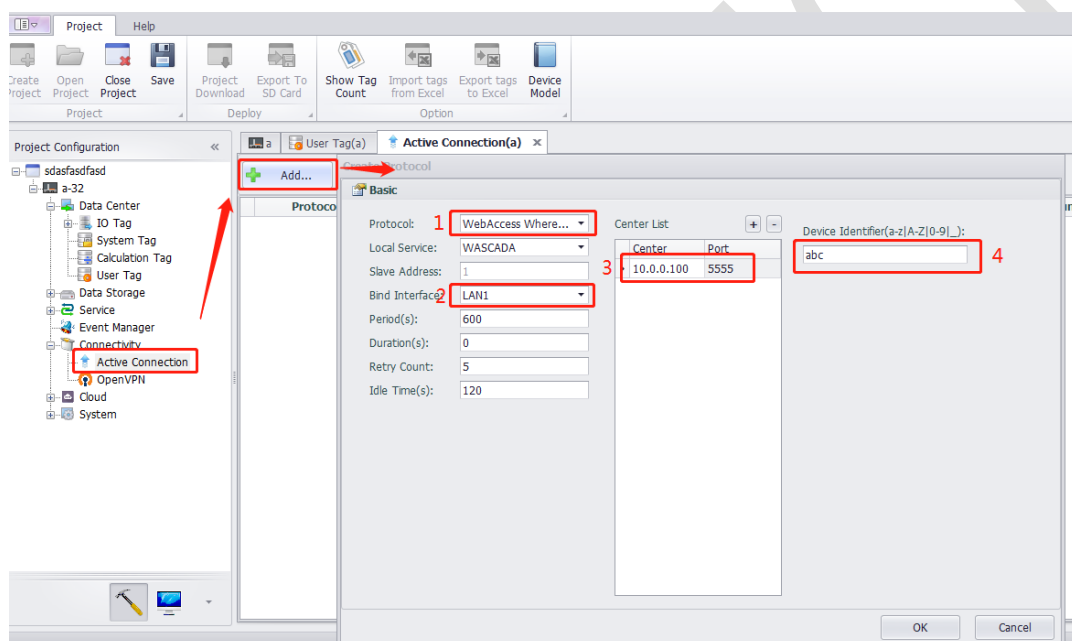
Configure the network connection to the WebAccess. This example is lan1 directly connected, and the default is ok.



#### 2) Create a new project and configure tags,. we take a user tag as an example.



### 3) Configure active connections



1. Select WebAccess WhereIAm.

2. Select the network port used to communicate with WebAccess.

Ip: This is generally public network IP. When using active connection, WebAccess generally has a public network IP and the ip of ADAM-3600 is internal network IP, so WebAccess cannot found ADAM-3600 and it is necessary to actively send data to the IP of WebAccess.

Port: custom, unoccupied port number is ok.

3. Customize the name, and the device name established in WebAccess needs to be the same as here.

Note: it cannot be Chinese. It must be numbers, letters or "\_".

4) Download the project.

### 2. WebAccess configuration

1) There is no requirement on the name of the project and node. In the node property, the Modbus listening port should fill the port number which set in the active connection of

ADAM-3600.

Advantech WebAccess Project Manager

Restore Tag Scan Status Timeout: 0 Minutes

Save Dsp File To Project Node: ☒ Yes ☐ No

Ack Alarm By Return To Normal: ☐ Yes ☒ No

Email When Return To Normal: ☐ Yes ☒ No

SMS When Return To Normal: ☐ Yes ☒ No

Email When Ack Alarm: ☐ Yes ☒ No

SMS When Ack Alarm: ☐ Yes ☒ No

Disable Deadband Checking For Minute Data: ☐ Yes ☒ No

Modbus Listening Port: 5555

Send Where I Am To IP Address: (IP1;IP2)

Send Where I Am To Port: 0 (Port1;Port2)

Send Where I Am Every: 0 (Frequency1;Frequency2) Seconds

Enable OpcUa Server: ☐ Yes ☒ No

Encode Script: ☐ Yes ☒ No

WebAccess MQTT Connection Settings

- 2) Establish TCP/IP communication port.
- 3) Add device.

Create New Device [Cancel] Submit

Device Name: abc

Description:

Unit Number: 0

Device Type: WASCADA

Primary:

IP Address:

Port Number: 123

Device Address: if other than Unit Number

Secondary:

IP Address:

Port Number:

Device Address:

Sync. Remote alarm, no log:1, with log:2: 0

Max. Tags per packet (CE:300): 500

Sync. Runtime Tag Field: 0

Compress Data: 0

- (1) Device Name: it needs to be the same as Device Identifier configured in EdgeLink
  - (2) Device Type: WASCADA
  - (3) IP Address: No need to write. Active connection to WebAccess means ADAM-3600 active search for the IP address of WebAccess. WebAccess does not need to know the IP address of ADAM-3600.
  - (4) Port Number: Fill a random one, not empty.
- 4) Add tags.

**Create New Tag** [Cancel] Submit

Parameter: A Point (analog)

Alarm: No Alarm

Tag Name: fuyu

Description: Analog Data

Scan Type: Constant Scan

Address: NewTag

Conversion Code: AUTO

Start Bit: 0

Length: 16

Signal Reverse: ☐ Yes ☒ No

Scaling Type: No Scale

Tag Name: You can customize it.

Address: Fill in the name of the tag in EdgeLink

5) Download and start nodes.

### 3. Observation results

Change the user tag value to 6 in online monitor of EdgeLink.

Online Monitor(a) x

ADAM-3600-C2G Sign Out

Tags

I/O Status

(Main) ADAM-3600-C2G

System Information

Configuration

System Tag IO Tag **User Tag** Calculation Tag

**User Tag**

Tag Name: NewTag Tag Value: 6

Submit

Tag	Value	Quality	Timestamp
NewTag	6.00	Good	2018-08-27T17:53:11 (UTC)

Showing 1 to 1 of 1 rows

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View the data in WebAccess.

Point Info

Tag Name: fuyu  
 Description: Analog Data  
 Tag Type: ANALOG  
 Scan Type: CONSTANT SCAN  
 Port: 1 Unit: 0  
 Device Name: abc  
 Address: NewTag  
 Span High: 100.00  
 Span Low : 0.00  
 Engineering Unit:

---

Value: 6.00

fuyu

fuyu

I/O Tag	ViewDAQ	
Accumulation	Port 1	Port 4
Calculation	Port 2	Port 5
Constant	Port 3	Port 6

Goto

Change

Acknowledge

Exit