## AD\ANTECH Enabling an Intelligent Planet

### 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  $_{\circ}$ 

#### Answer:

- 1. EdgeLink configuration
  - Configure network setting Configure the network connection to the WebAccess. This example is lan1 directly connected, and the default is ok.

Project Help		
Create Open Close Save Project Project Project	Project Export To Download SD Card Count from Excel	xport tags Device to Excel Model
Project	Deploy 🖌 Option	4
Project Configuration	« Retwork Setting(a) ×	
⊡ sdasfasdfasd ⊡	Apply Discard	
🗈 🖳 Data Center	LAN1 LAN2 Wi-Fi Cellular	
Data Storage	IPv4	IPv6
	☑ DHCP	M DHCP
Cloud	IP Address:	IPv6 Address:
🖃 🐻 System	Submask:	Subnet Prefix Length:
····· 👽 LED Setting	Gateway:	Gateway:
···· 🕚 Time Sync Setting ···· 🔐 GPS Setting	Obtain DNS server address automatic	Cally  Obtain DNS server address automatically
SMTP Setting	O Use the following DNS server address	s 🔘 Use the following DNS server address
····· 🐲 Firewall	Preferred DNS Server:	Preferred DNS Server:
	Alterrate DNG Concern	
	Alcemace DNS Server:	Alternate DNS Server:
		Advanced
	Route Setting	

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



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3) Configure active connections

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Project Help		
Dreate Open Close Save Project Export To Show Tag Import tags Expo	t tags Device	
Project Project Project Download SD Card Count from Excel to	xcel Model	
Project a Deploy a Option	4	
Project Configuration « 🛄 a 🔓 User Tag(a) 🛊 Active Connec	tion(a) ×	
e- sdasfasdfasd		
a-32		
Data Center Protoco	Access Where	int
	CADA Conter Det Device Identi	ier(a-z A-Z 0-9 _):
Calculation Tag	3 10.0.100 5555	4
Data Storage		
Brid Steries		
Active Connection		
OpenVPN		
E Cloud Idle Time(s): 120		
⊞-li@ System		
N 🖳 🔹 🗌		
		OK Cancel

- 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



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ADAM-3600.

	Advantech WebAd	ccess Project Manager
	Kestore Lag Scan Status Limeout	U Minutes
工程/节点	Save Dsp File To Project Node	● Yes ○ No
test	Ack Alarm By Return To Normal	○ Yes ● No
fuyu	Email When Return To Normal	○ Yes <sup>●</sup> No
A 101	SMS When Return To Normal	○Yes <sup>●</sup> No
ABMLGX	Email When Ack Alarm	○ Yes ● No
ABPLC5 ABPLCEIP	SMS When Ack Alarm	○ Yes ● No
ABSLC5	Disas Deadband Checking For Minute Data	○ Yes ● No
AceFAM3 ADAM2K	Modbus Listening Port	5555
ADAM4K	Send Where I Am To IP Address	(IP1;IP2)
ADAM5560 ADAM5KASC	Send Where I Am To Port	0 (Port1;Port2)
ADAM5KE	Send Where I Am Every	0 (Frequence1;Frequence2) Seconds
ADAM6K	Enable OpcUa Server	O Yes O No
AdvDAinfo	Encode Script	○ Yes <sup>(</sup> ● No
AE6000		WebAccess MOTT Connection Settings
Agi34972A	Enable	V. ON-

- 2) Establish TCPIP communication port.
- 3) Add device.

Create New Device [Cancel] Submit					
Device Name	abc				
Description					
Unit Number	0	_			
Device Type	WASCADA 🗸				
		IP Address			
Primary		Port Number	123		
		Device Address	if other than Unit Number		
		IP Address			
Secondary		Port Number			
		Device Address			
Sync. Remote alarm, no log:1, with log:2 :	0		Sync. Runtime Tag Field : 0		
Max. Tags per packet (CE:300):	500		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.

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	Create New Tag [Cancel] Submit
Parameter	A V 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) ×						
ADAM-3600-C2G						👤 Sign Ou
Tags	System Tag IC	Tag User Tag	g Calculation Tag	)		
I/O Status						
🗐 (Main) ADAM-3600-C2G	User Tag					
I System Information	Tag Name	NewTag		Tag Value	6	
Configuration					1	✓Submit
	Тад	Value	Quality	Timestamp		
	NewTag	6.00	Good	2018-08-27T17:53:11 (	(UTC)	
	Showing 1 to 1 of 1 r	ows			<< <	1 > >>

View the data in WebAccess.



1	Point Info		
ſ	The New Sum		
	Lag Name: ruyu	1-474	
	Tag Time: INILOG	fuyu	
	Scan Tune: CONSTANT SCAN		
	Port: 1 Unit: 0		
	Device Name: abc		
	Address: NewTag		
	Span High: 100.00		
I	Span Low : 0.00		
	Engineering Unit:		
	Value: 6.00	-	
		I/O Tag ViewDAQ	
		Accumulation Port 1 Port 4	
		Calculation Port 2 Port 5	
	Goto Change Acknowledge Exit	Constant Port 3 Port 6	