

# **Advantech AE Technical Share Document**

Date	2023/03/26 Release Note 🗆 Internal External						
Category	■FAQ □SOP	Related OS	Win10, Win7				
Abstract	How to set up EKI-1642 other WAN Interfaces as a backup connection.						
Keyword	EKI-1642						
Related							
Product	EKI-1042VVI ' EKI-1042I						

## Description:

EKI-1642 提供使用其他 WAN 連線介面,作為上網際網路的備援連線。 假設 EKI-1642 同時具備 4G LTE 上網和有線網路對外上網,可透過設定將其中 WAN 連線

介面作為上網際網路的備援。



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#### Brief Solution - Step by Step:

◆ 請先將電腦 IP 設定和 EKI-1642 的 IP 相同網域並直接連線。此範例架構如下 目前 EKI-1642 LAN2 IP:192.168.1.1

電腦 IP:192.168.1.10



▶ 電腦執行瀏覽器輸入 EKI-1642 LAN2 IP:192.168.1.1,可顯示 EKI-1642 登入畫面



1) 帳號密碼都是 admin

Username		
admin		
Password		
	Login	



# Status>>Basic Network>>WAN&Uplink

### 1) 選擇 WAN2 點選 Edit

AD\ANTECH											L.	anguage : English 🗸
🖵 Status	WAN & Uplin	IAN & V	LAN WIFI	DDNS								
Basic Network												
Security	WAN Interface IPv4 Network Status											
Administration	ID	Interface	WAN Type	Network Type	IP Addr.	Subnet Mask	Gatewa	ıy	DNS	MAC Address	Conn. Status	Action
Statistics & Reports	WAN-1	3G/4G	3G/4G	NAT	100.101.110.100	255.255.255.248	100.101.11	0.101	172.24.9.27, 10.9.121.102	N/A	Connected 0 day 0:09:00	Edit
	WAN-2	Ethernet	DHCP	NAT	192.168.10.129	255.255.255.0	192.168.1	0.254	94.140.14.14.	74:FE:48.62:01:27	Connected 0 day 0 11 24	Release
Object Definition	U WAN Inte	erface IPv6 Ne	etwork Status								0 449 0.1124	
Security	ID	Interface	WAN Type		Link-local IP Add	955	Global IP Address		Conn. Status		Action	
Z Administration	WAN-1		Disable									Edit
Q Service	LAN Inte	rface Network	Status									
	IPv4 Address		IPv	IPv4 Subnet Mask IPv6 Link-loca		ss IPv6 Global Address		MAC Address		Action		
	192.168.1.1		2	255.255.255.0		/64		/64	74:FE:48:62:01:28		Edit IPv4   Edit IPv6	
	GG4G Modem Status List											
	Interface 3G/4G			Card Information		Link Status		Signal Strength	Networ	Network Name		
				EC20 Connected		d	90% (-57dBm)		T Star (LTE)		Detail	
	iu Interface Traffic Statistics											
	ID Interface				Received Packets(Mb)			Transmitted Packets(Mb)				Action
	WAN-1	WAN-1 3G/4G 32.65					63.56				Reset	
	WAN-2	Ethern	Ethernet 8.21				2.82				Reset	

- ◆ 在 WAN&Uplink>>Physical interface 頁面>>interface configuration(WAN-2)
  - 1) Physical interface: Ethernet
  - 2) Operation mode:Failover WAN1

勾選 Seamless 功能,即當 WAN1 會恢復連線後,WAN2 不會終止連線。 WAN2 會保持連線,但不會傳送數據。

3) 點選 Save

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🖵 Status	Physical Interface Connection Setup								
Basic Network	Physical Interface List								
WAN & Uplink	Interface Name		Physical Interface		Operation Mode	Action			
LAN & VLAN	WAN-1	3G	3/40	Always on		Edit			
WIFI	WAN-2	Eth	hemet	Failover		Edit			
IPv6	<ul> <li>Interface Conferencia (MAN - 2)</li> </ul>								
Port Forwarding	la monuce companyon ( virsi v 2 )			Patting					
Routing	Rell	-		Setting					
DNS & DDNS	Physical Interface	Ethernet	v						
Object Definition	Operation Mode	Failover 🖌 🛛							
	<ul> <li>VLAN Tagging</li> </ul>								
Security	Save Undo								
2 Administration									
Q Service									

Contact Window and File Link: <u>https://www.advantech.com/zh-tw/support/details/manual?id=1-24BZ7PR</u>