# Setup Teaming (link aggregation) by DGE-530T B2 on Windows 7 [Topology]



- DGS-3600:
  - Firmware version: R2.80.B49
  - Configuration:
    - create link\_aggregation group\_id 1

### config link\_aggregation group\_id 1 master\_port 1 ports 1-2 state enable

- Desktop PC:
  - Windows 7
  - Two DGE-530T NIC installed

## [Set up]

### 1) Install two DGE-530T cards with HW version B2 on Windows 7.

(Driver downloaded at PMD page: TOP>Product Data>LAN Adapter>Gigabit>DGE-530T>Firmware>Driver:

GE-530T_B2_v9.00)				
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Organize 🔻			8== 👻 🔲	0
Name	Status	Device Name	Connectivity	
🚚 Local Area Connection	Network cable unplugged	Realtek RTL8168B/8111B Family		
VPN Connection	Disconnected	WAN Miniport (PPTP)		
Local Area Connection 4	Unidentified network	D-Link DGE-530T Gigabit Ethern	No Internet access	
Local Area Connection 5	Unidentified network	D-Link DGE-530T Gigabit Ethern	No Internet access	

2) Select one of NIC (ex: Local Area Connection 4 in above diagram), and check the Properties:



- 3) After enter the *Properties*, push the *Configure* button to check the detail of this NIC.
- Select option "*Team*", and "*Create New Team*" for the link aggregation group, you can edit the *Team Name* and *Teaming Mode*, and select *Static* mode for this example:



5) Select another NIC (ex: Local Area Connection 5 of this example) and enter its *Properties* -> *Configure* -> *Team*, then "*Add to Team*" as below diagram, click *OK* after select the Team:



- 6) After that, you can see these two DGE-530Ts bind into one NIC with the name Local Area Connection 6.
- 7) Connect the links between DGS-3600 port 1 & port 2 with two DGE-530Ts.
- 8) After that, when check the Settings of properties in this connection, you can see the Link setting are green, means both Link Up with link partner found and port active, also 2Gbps of link speed when checking Link Status:

10%		
Organize 🔻 Disable this network device Diagnose this connection Rename this connection » 🚟	- 🗌 🔞	
Local Area Connection Network cable unplugged Realtek RTL81688/8111B Family P VPN Connection Disconnected WAN Miniport (PPTP) TEAM: LinkAggregationD GS-3600 Properties	tion 6 rk tionD. GS-3600	
Image: Status Diver Details   Image: Status Diver Details <th>TEAM: LinkAggregationD_GS-366 General Advanced Settings TEAM: LinkAggregation Link Status Speed: 2 Gbps</th> <th>00 Properties</th>	TEAM: LinkAggregationD_GS-366 General Advanced Settings TEAM: LinkAggregation Link Status Speed: 2 Gbps	00 Properties
Reply from 10.90.90:90:     Reply from 10.90.90.90:     Poslut from 10.90.90:90:     Add More Adapters	Description Driver Version	Value 11.10.03.3
Reply from 10.90.90.90: Reply from 10.90.90.90: Adapter Properties Remove Jeam	Received packets Transmitted packets	459 532
Reply from 10.90.90.90:	On this tab, the following info • connection speed (if port) • driver version • packets received and	rmation is displayed: there is an active link on this team d transmitted over this team port

9) And also its no problem when ping to DGS-3600 and all the link aggregation functions.

en. F:\V	lindows	\system32\cmd.exe	- ping 10.90	.90.90 -t	
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=2ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255
Reply	from	10.90.90.90:	bytes=32	time=1ms	TTL=255

#### \* On DGS-3600: