

## **INSTALLAZIONE SOFTWARE DI TEAMING SU HP PROLIANT BL20p G2**

## PRE-REQUISITI

- Windows 2003 Standard o Enterprise Edition
- Installazione Driver schede di rete

Reperire il file di installazione cp004896.exe e copiarlo all'interno della cartella C:\Temporary. Lanciare il file cliccando due volte.

🏶 HP Package Setup			×	
HP Setup is ready to insta installation program or pre	III the contents of this packa ss 'Close' to exit.	age. Press Inst	all' to run the	X
HP Network Configurat	tion Utility 7 for Wir	ndows 🔺	Install	
Server 2003	-			•
Version: 7.80.0.0				
This package contains the teaming	g and configuration utility fo	or HP		
NC10xx, NC31xx, NC6xxx, NC7xx NICs running under Microsoft Win	(x, NC150x, NC310x, and N dows Server 2003. This utility	IC320× ility	<u>C</u> lose	
	Fig.1		<b>J</b>	
И.				

Cliccare su Install.

📲 HP Setu	P				×
HP Netv	vork Config	uration Ut	ility 7 for \	Windows Serv	ver 2003
Software Ve	ersion: 7.80.0.0				
Setup is rea package be	dy to begin the i low before conti	install process. inuing:	Please revie	w information about	the current
The software is not installed on this system, but is supported for installation.				r installation. 🔺	
	Press "Install" to Setup.	continue with	the installation	n process or press '	Close' to exit
					<b>*</b>
				[]	<u>C</u> lose
			Fig.2		

Cliccare su Install





Adesso in basso a destra nella barra del menù di avvio è comparsa una nuova icona (vedi Figura 4)



Cliccare due volte sull'icona si aprirà la seguente schermata



etwork Configuration Utility 7 Properties	?)
P Network Configuration Utility 7	
IP NICs:	Tanaia Calu
🛏টি🗓 [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1	I earning Setup
💳টি🗓 [3] HP NC7781 Gigabit Server Adapter #3 Port 2 Slot 0 Bus 1	Team
🖵 ுறி [1] HP NC7781 Gigabit Server Adapter #2 Port 3 Slot 0 Bus 2	Dissolve
	<u>V</u> LAN(802.1Q)
	<u>S</u> ave
lake a selection. You may view properties of an item at any time by Double-Clicking on it or electing and, then, Clicking <u>P</u> roperties.	Properties
	(17)
Help License Manager Enable UID Display Tray Icon	invent

Fig.6

Deselezionare **Display Tray I con** come indicato in Figura 6.

•



Quindi selezionare le due schede di rete da utilizzare per il Teaming come in Figura sottostante

•

IP Network Configuration Utility 7 Properties	? ×
HP Network Configuration Utility 7	
HP NICs:	
☐ [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1	- 1
Server Adapter #3 Port 2 Slot 0 Bus 1 [] [3] HP NC7781 Gigabit Server Adapter #3 Port 2 Slot 0 Bus 1	leam
1] HP NC7781 Gigabit Server Adapter #2 Port 3 Slot 0 Bus 2	Dissolve
	<u>V</u> LAN(802.1Q)
	Saus
	<u></u>
Make another selection or Llick <u>leam</u> to team the selected adapters.	Properties
Help License Manager 🔽 Enable UID 🔽 Display Tray Icon	
	invent
Fig. /	



**!!!ATTENZIONE!!** Di solito vengono utilizzate per il Teaming le due schede di rete (la 2 e la 3) interne come raffigurate in Figura 8.

Apriamo la cartella delle Network Connections vediamo tre connessioni di rete.

Proseguiamo con le seguenti configurazioni:

NOME ORIGINARIO	NOME MODIFICATO	POSIZIONE SCHEDA DI RETE
Local Area Connection	HP Network Team Connection 1	Interna Sinistra (2)
Local Area Connection 2	HP Network Team Connection 2	Interna Destra (3)
Local Area Connection 3	Local Area Connection 3	Esterna Destra (4)
iLO		Esterna Sinistra (1)



Per facilitare la configurazione del Teaming selezioniamo all'interno di Network Connection la Local Area Connection 3 e disabilitiamola.



Adesso riprendiamo il programma di Teaming e notiamo che nel riquadro corripsondente ad HP NICs compaiono solo due connessioni. (Figura 9)

HP Network Configuration Utility 7 Properties	? ×
HP Network Configuration Utility 7	
HP NICs:	
2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1	reaming setup
[1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	leam
	Dissolve
	VLAN(802.10)
	Te-11(0001101)
	Save
Make another selection or Click $\underline{T}$ eam to team the selected adapters.	Properties
Help License Manager Enable UID Display Tray Icon	
	OK Cancel
Fig.9	



Selezioniamo le due connessioni e clicchiamo su Team ci comparirà la seguente schermata (Figura 10)

P Network Configuration Utility 7 Properties	?)
HP Network Configuration Utility 7	
HP NICs: HP Network Team #1 [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Teaming Setup
Make another selection or Click Dissolve to break-up the selected adapter team. Click Properties to view properties of the team. Click VLAN to manage VLAN connections.         Help       License Manager       Enable UID       Display Tray Icon	Save Properties
Fig.8	DK Cancel
cchiamo su Properties	

 $\bigcirc$ 

	WU	UW.CHIHI I UKHFFHELI
Properties		
ming Controls Advanced Redundancy Settings VLAN		
Team Name: HP Network Team #1		
Team Settings		
Team Type Selection:		
Network Fault Tolerance Only with Preference Order		
Transmit Load Ralansing Method:		
Automatic (Becommended)	ī	
	1	
Prioritized Team Membership		
······································		
Port Name	Status	Speed/Duplex
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [11 HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected User Preference Order
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected User Preferenc Order
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected User Preferenc Order
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected User Preferenc Order
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected User Preferenc Order
Port Name [2] HP NC7781 Gigabit Server Adapter Port 1 Slot 0 Bus 1 [1] HP NC7781 Gigabit Server Adapter #2 Port 2 Slot 0 Bus 2	Status Not Teamed Not Teamed	Speed/Duplex Disconnected Disconnected User Preferenc Order Enter Manual Mo

All'interno dei **Team Setting** selezioniamo dal menù a tendina **Network Fault Tolerance Only with Preference Order** (vedi Figura 11) e clicchiamo su **OK**. Quindi clicchiamo ulteriormente su **OK**.

HP Netwo	rk Configuration Utility 7
2	You have chosen to apply all configuration changes. Do you want to continue?
	<u>Y</u> es <u>N</u> o
	Fig.12

Clicchiamo su Yes.

Attendere dodici secondi alla fine della configurazione.

## HP Network Configuration Utility 7

Please be sure that Protocols and Services are properly configured for the newly created team(s) and/or VLAN(s) by properly configuring their corresponding Network Teaming Virtual Miniport(s).

These Virtual Miniports should be visible in the 'Network and Dial-up Connections' folder after the system has been rebooted or a Refresh occurs within this folder. A Refresh can be performed within the 'Network and Dial-up Connections' folder using the View->Refresh menu selection.



х

Clicchiamo su OK



Clicchiamo su OK.

Adesso se apriamo la cartella relativa alle **Network Connections** noteremo l'aggiunta di un altra connessione denominata Local Area Connection 4. (vedi Figura 15)



Fig.15



Selezioniamo la connessione in oggetto e la rinominiamo in LAN Connection 1 (vedi Figura 16) quindi procediamo con l'iserimento dell'indirizzo IP, DNS e quant'altro.



Fig.16