● 安装过驱动后



● 到官网下载管理工具后解压

는 BASP\_BACS\_Mgnt\_apps\_64-144131 2014/4/26 8:35 WinRAR ZIP 度... 14,095 KB

● 点击 setup

📕 x64							×
○ ↓ • 12万兆网	卡管理工具 ▼ 12万兆网卡管理工具 ▼	BASP_BACS_Mgnt_apps_64-144131	▼ Server ▼ MgmtAj	ops 🕶 x64 🛛 👻 🕻	2 搜索 x64		0
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☆ 收藏夹	名称 🔺	修改日期	类型	大小			
🚺 下载	🔤 setup	2012/6/4 13:34	应用程序	14,383 KB			
💻 桌面 🗐 晶近访问的位置	SilentMgmtApps	2012/6/4 13:28	文本文档	3 KB			
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<ul> <li>□ 庫</li> <li>1 一 減频</li> <li>■ 图片</li> <li>● 文档</li> <li>● 音乐</li> </ul>							
➡ 计算机							
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3 个对象	n						

## 安装后启动

Broadcom Advanced Control Suite 3

## 进入后页面如下



Device Management: 设备管理 Team Management: 组管理

汇聚配置教程

第一步:选择 Team Management

	Team Management		
	Teams		
	[0007] Realtek RTL8168C(P)/8111 [0012] Broadcom BCM57810 Net		
	0013] Broadcom BCM57810 NetXt		
第二步 :	·····································	重击 teams 右键	create a Team (创建一个组)

## 第三步: 进入欢迎界面 点击 Next

Broadcom Teaming Tizard	<u>?</u> ×
Welcome to the Broadcom Teaming Wizard	BROADCOM
The Broadcom Teaming Wizard will guide you through the process of creating teams and/or VLANS. To continue, click Next. To work without the wizard,	and modifying click Expert Mode.
Expert Mode	
Note: Current work in the Teaming Wizard will be lost when Expert Mode is	clicked.
To always start in Expert Mode, check the "Default to Expert Mode or checkbox. Default to Expert Mode on part start	n next start"
To continue, click Next.	
	Preview
<u>Cancel</u> < Back	Next >

下图是让你设置组名称,默认即可,继续点 Next。

Broadcom Teaming Wizard	?
Creating/Modifying a Team: Team Name You must assign your team a unique name.	BROADCOM
Enter the name for the team:	
<mark>Yeam 1</mark>	
$i$ A team name has a maximum length of 39 characters. character except $l \in \mathbb{R} $	The name can use any symbolic
Click here for more information about configuring teaming	Freview
Cancel	< Back Next >

下图是让你选择汇聚模式,这里给大家简单介绍下3种模式:

Smart Load Balancing(TM) and Failover (SLB):智能负载均衡模式。

8023.3ad Link Aggregation using Link Aggregation Control Protocol (LACP) 动

态链路汇聚模式

FEC/GEC Generic Trunking:静态链路汇聚模式 使用我们交换机使用这个汇聚模式既

可

	<u> </u>
Creating/Modifying a Team: Team Type Select the type of team you want to create.	BROADCOM.
Team type:	
• Smart Load Balancing(TM) and Failover (SLB)	
$\odot$ 802.3ad Link Aggregation using Link Aggregation Control Protocol (LACP)	
C FEC/GEC Generic Trunking	
TCP Offload Engine (TOE) support is supported only on a SLB team type. If a	teem type other
TCP Offload Engine (TOE) support is supported only on a SLB team type. If a than SLB is selected, no TCP connections will be offloaded. Click here for information to help you decide which type of team to create.	team type other
TCP Offload Engine (TOE) support is supported only on a SLB team type. If a than SLB is selected, no TCP connections will be offloaded.	team type other
TCP Offload Engine (TOE) support is supported only on a SLB team type. If a than SLB is selected, no TCP connections will be offloaded. <u>Click here for information to help you decide which type of team to create.</u>	team type other Preview

下图是让你选择将哪块网卡添加到汇聚组中,选择上面的网卡之后,然后点 Add 即可

reating/Modifying a Team: Assigning	Team Me	embers					٨
iclude adapters that you wish to set fo	r the sta	ndby role	<b>)</b> .			B	ROADCO
Available Adapters	TOE	LS0	CO	RSS	Tea	NDIS	Mtu
[0007] Realtek RTL8168C(P)/8111C	No	Yes	Yes	No	Yes	6.20	1500
[0012] Broadcom BCM57810 NetXtre	No	Yes	Yes	Yes	Yes	6.20	1500
[0013] Broadcom BCM57810 NetXtre	No	Yes	Yes	Yes	Yes	6.20	1500
4							
Add 🦆	TOF	150		Remove	1	MITS	M+11
Add 7	TOE	LSO		Remove RSS	] <b>1</b>   Tea	NDIS	Mtu
Add 7	TOE	LSO		Remove RSS	] <b>1</b>	NDIS	Mtu
Add 7	TOE	LSO		Remove RSS	] <b>L</b>	NDIS	Mtu
Add 7	TOE	LSO		Remove	] <b>2</b>	NDIS	Mtu
Add 7	TOE	LSO		Remove	] <b>2</b>	NDIS	Mtu
Add 7	TOE	1.50		Remove RSS	] <b>2</b>	NDIS	Mtu
Add 7	TOE	LS0		Remove RSS	] <b>£</b>	NDIS	Mtu
Add 7 Team Members Team Offload Capabilities Team Mtu	TOE	ILSO ne		Remove	] <b>£</b>	NDIS	Mtu
Add Team Members	TOE No	ISO ne guring te	CO aming.	Remove RSS	] <b>1</b>	NDIS	Mtu
Add Team Members Team Offload Capabilities Team Mtu Click here for more information about	TOE No	ISO ne guring te	CO aming.	RSS	] <b>t</b>	NDIS	Mtu

在这一步是在询问你是否需要配置 VLAN, 直接点"Skip Manage VLAN", 跳过 VLAN, 然后点 Next

roadcom Teaming Tizard	
reating/Modifying a VLAN: Configure VLAN Support pecify whether you want to create or delete a VLAN.	BROADCO
Manage VLAN	
C Add VLAN	
🔿 Edit VLAN	
🙃 Skip manage VLAN	
	Preview

## 点击 Finish 后,会出现下图提示,点 Yes,完成汇聚

ongratula ow would	tions! The Teaming Wizard has finished collecting information. you like to proceed?	BROADCOM
-Commit	changes	
O Sav	e changes and continue to manage more teams	
i)	Applying the changes will temporarily interrupt the network con The process may take several minutes and the connection will re	nection. sume afterwards.
		Ireview



可以看到 team type FEC,GEC, TEAM 1 显示的 20G

注意:如果汇聚失败提示如下内容,请查看下服务器是否安装了杀毒软件另外请卸载管理工具从新安装.

Please retry the operation or exit Broadcom control suite and restart

另外一种汇聚配置页面 Team Name:汇聚组名字 Team Type:汇聚模式 点击:Create

iii Manage Teams	<u>? ×</u>
Create Team Preview	•
Manage Members 🛃 Manage VLAN(s)	
General	
Team Name	1
Team Type	Generic Trunking (FEC/GEC)/802.3a
Load Balance Members	
[0007] Realtek RTL8168C(P)/8111C(P) 务	<see description="" details="" for="" pane=""></see>
[0012] Broadcom BCM57810 NetXtreme I	<see description="" details="" for="" pane=""></see>
[0013] Broadcom BCM57810 NetXtreme I	<see description="" details="" for="" pane=""></see>
Team Offload Capabilities	LSO, CO, RSS
Team Mtu	1500
VLAN Configuration	
[0013] Broadcom BCM57810 NetXtreme II 1 Offload Capabilities = LSO,CO,RSS Mtu = 1500	LO GigE (NDIS VBD Client) #36
Create Clear	
🥅 Switch to <u>w</u> izard mode	Apply / Exit Cancel





Information : 网卡信息 Configurations:参数配置 Statistics:统计数据

Information :

在该项中可以看到网卡的基本信息 以及驱动信息

Advanced	
Set properties to default Values	
Flow Control	Auto Negotiation (Default)
Interrupt Moderation	Enabled (Default)
Jumbo Packet	1514 (Default)
Large Send Offload V2 (IPv4)	Enabled (Default)
Large Send Offload V2 (IPv6)	Enabled (Default)
Locally Administered Address	8829500002B2
Maximum Number of RSS Queues	8 (Default)
Pause On Exhausted Host Ring	Disabled (Default)
Priority & VLAN	Priority & VLAN enabled (Default)
Receive Buffers (0=Auto)	0 (Default)
Receive Side Scaling	Enabled (Default)
Speed & Duplex	10 Gbps Full Duplex (Default)
TCP Connection Offload (IPv4)	Enabled (Default)
TCP Connection Offload (IPv6)	Enabled (Default)
TCP/UDP Checksum Offload (IPv4)	Rx & Tx Enabled (Default)
TCP/UDP Checksum Offload (IPv6)	Rx & Tx Enabled (Default)
Transmit Buffers (0=Auto)	0 (Default)
Virtual Machine Queues	Enabled (Default)
VLAN ID	0 (Default)

Configurations :

Advanced	
Set properties to default Values	
Flow Control	Auto Negotiation (Default)
Interrupt Moderation	Disabled
Jumbo Packet	Tx Enabled
Large Send Offload V2 (IPv4)	Rx Enabled
Large Send Offload V2 (IPv6)	Rx & Tx Enabled
Locally Administered Address	Auto Negotiation (Default)

Flow Control (流控制)

设置该选项时注意: 交换机的万兆接口与万兆网卡要保持一致,两端都开启流控,或者两端都关闭流控,我们这里建议客户时两端都开启流控.