# Vigor SmartMonitor 完整安裝手冊(中文版)

## 一、安裝前注意:

1. 伺服器安裝環境,建議 Intel P4 1.4GHz 以上等級 CPU、20G 以上可用硬碟空間、1G 以上的 RAM

2. 需搭配 Vigor2950/G、VigorPro 2008...等有 Mirror Port 型號之路由器, **韌體請升級至最新版本**。

3. 正確連接您的實體線路,如下圖所示:



- 4. 伺服器建議不要以原有的網頁伺服器進行安裝,因為安裝後可能會影響原本的設定值。
- 5. 至居易科技或台灣塔米歐網站下載 SmartMonitor 主程式(v2.0.0 版)。

## 二、SmartMonitor 安裝步驟:



- 01. 在伺服器上,解壓縮 SmartMonitor 並執行安裝程式,進入安裝畫面後點選[Next]進行下一步。
- 02. 選擇[I accept the agreement]後,點選[Next]進行下一步。
- 03. 您可以變更 SmartMonitor 的安裝資料夾,建議不變更,點選[Next]進行下一步。
- 04. 點選[Install]開始安裝 SmartMonitor。
- 05. 程式會詢問是否安裝 PHP(5.0.4)、Apache(2.0.54)、Wpcap(4.1 beta 版),都點選「是(Y)」即可。

## [Apache 安裝]

- 06. 進行 Apache 安裝,請點選[確定]即可。
- 07. 進入 Apache 安裝畫面,點選[Next]進行下一步。
- 08. 選擇[I accept the terms in the license agreement]後,點選[Next]進行下一步。

Please read the following license	e agreement carefully.	
Ve http://	Apache License rsion 2.0, January 2004 www.apache.org/licenses/	4
ERMS AND CONDITIONS FO	R USE, REPRODUCTION, AND DISTR	RIBUTION
Definitions		
"License" shall mean the ter distribution as defined by Se	ms and conditions for use, reproducti ctions 1 through 9 of this document.	on, and

- 09. 閱讀 Apache 說明文件,點選[Next]進行下一步。
- 10. 請依下列說明進行設定:
  - I. Network Domain: 請填入您的網域名稱,如:tamio.com.tw,若無網域可填入 localhost。

II. Server Name: 請填入您的網址名稱,如:www.tamio.com.tw,若無網址可填入 localhost。 III. Email Address: 請填入您的 E-mail Address。

IV. Service Port: 請選擇使用 Port 80 或 Port 8080。(http 協定的預設通訊埠是 Port 80) 注意:

A. 如果使用 Port 8080,则輸入網址時需加上通訊埠,如:<u>http://127.0.0.1:8080/</u>。

B. 如果使用 Port 80, 則輸入網址只需一般輸入即可, 如: <u>http://127.0.0.1</u>。

🕼 Apache HTTP Server 2.0 - Installation Wizard	×
Server Information Please enter your server's information.	
Network Domain (e.g. somenet.com)	
1. localhost	
Server Name (e.g. www.somenet.com):	
2. localhost	
Administrator's Email Address (e.g. webmaster@som	enet.com):
3. vourmail@yourdomain.com.tw	
Install Apache HTTP Server 2.0 programs and shorter	uts for:
4. C only for the Current User, on Port 8080, when	started Manually.
InstallShield	5. Next > Cancel

### 11. 選擇[Typical],點選[Next]進行下一步。

ietup Type			150.	-
Choose the	setup type that best suits your ne	eeds.		
Please sele	ct a setup type.			
	<b>I</b>	a nasa		
	Typical program features will for compiling modules will not	be installed. be installed.	(Headers and Libr )	aries
C <u>C</u> ustor	Typical program features will I for compiling modules will not n	be installed. be installed.	(Headers and Libr )	aries
C <u>C</u> ustor	Typical program features will I for compiling modules will not n Choose which program featur	be installed. be installed. res you want	(Headers and Libr ) : installed and wher	aries re they
	Typical program features will for compiling modules will not n Choose which program featur will be installed. Recommende	be installed. be installed. res you want rd for advan	(Headers and Libr ) : installed and wher ced users,	aries re they

- 12. 您可以變更 Apache 的安裝資料夾,建議不變更,點選[Next]進行下一步。
- 13. 點選[Install]開始安裝 Apache。
- 14. 點選[Finish]完成 Apache 的安裝。

## [Wpcap 安裝]

- 15. 進行 Wpcap 安裝,請點選[確定]即可。
- 16. 進入 Wpcap 安裝畫面,點選[Next]進行下一步。
- 17. 進行快速安裝,點選[Next]進行下一步。
- 18. 點選[I Agree] 開始安裝 Wpcap。

Press Page Down	to see the rest of the agreem	ient.	
Copyright (c) 199 Copyright (c) 200 All rights reserve	9 - 2005 NetGroup, Politecnic 5 - 2007 CACE Technologies, 1.	o di Torino (Italy). Davis (California).	
Redistribution an permitted provid	d use in source and binary for d that the following condition	ms, with or without mod is are met:	ification, are
<ol> <li>Redistribution: conditions and th</li> <li>Redistribution: conditions and th</li> </ol>	of source code must retain t e following disclaimer, in binary form must reproduc e following disclaimer in the do	he above copyright notic the above copyright n ocumentation and/or oth	e, this list of otice, this list of er materials
f you accept the	terms of the agreement, click	I Agree to continue. Yo	u must accept the
agreement to inst	all WinPcap 4.1 Deca.		

19. 點選[Finish]完成 Wpcap 的安裝。

## [繼續進行 SmartMonitor 安裝]

20. 進行 Apache 與 PHP 的設定檔設定,確認畫面選項都有勾選後,點選[Next]進行下一步。

Setup - SmartMonitor Config the Apache and PHP Setting select the items:	
<ul> <li>Apache Homepage set to SmartMonitor</li> <li>Apache PHP Setting</li> <li>Copy default PHP.ini to H:\WINDOWS</li> <li>Run SmartMonitor after installation</li> </ul>	
www.draytek.com	<u>N</u> ext >

- 21. 出現設定完成的訊息,點選[確定]即可。
- 22. 出現告知 SmartMonitor 預設帳號/密碼皆為 Admin,並會自動開啓登入頁面,點選[確定]即可。
- 23. 出現需重開機之選項,點選[確定]即可。
- 24. 點選[Finish]完成 SmartMonitor 的安裝。

## 三、連線至 SmartMonitor:

- 01. 開啓網頁瀏覽器,如:IE、Firefox。
- Confirm Windows Internet Explorer

   ✓ Image: http://127.0.0.1/

   ✓ Image: http://12
- 02. 在網址列中輸入 <u>http://127.0.0.1</u>, 輸入完成後按下鍵盤[Enter]。
- (注意,如果在設定 Apache 時,選擇使用 Port 8080,則需輸入 <u>http://127.0.0.1:8080</u>)
- 03. 出現 Confirm 頁面,必須在最下方輸入 Confirm 並點選[open SmartMonitor]按鈕即可。

## **IMPORTANT NOTICE - PLEASE READ**

Welcome to Vigor SmartMonitor,

For corporate security and statistical monitoring, Vigor SmartMonitor provides a clear and detailed audit trail of Internet usage. Your network users should be aware of your acceptable usage policies ("AUP"). If users are permitted to use your network for private or personal usage, Vigor SmartMonitor may log, analyse or store data which might be confidential or private.

If you use Vigor SmartMonitor, you must ensure that every user of your network is made aware. This is a legal requirement in some countries and you should also ensure that any information that VigorView provides is stored securely. Vigor SmartMonitor is intended only for the purposes of lawful company business and statistical reporting in order to increase operator and network efficiency. DrayTek cannot accept responsibility if Vigor SmartMonitor is misused or used unlawfully. For your system administrator's own protection and users' comfort, we recommend warning users:

Type 'confirm' in the box to acknowledge the above:

confirm Open SmartMonitor

04. 如果您的 Vigor 路由器不支援或韌體版本太舊,或者防火牆阻擋了通訊埠,會出現如下畫面。





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05. 如果成功就會出現如下畫面,輸入預設帳號/密碼-「Admin」就可以進入管理頁面。



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## Smart Monitor 功能:

1. 可以進行各項服務類型與個別使用者排行(TOP 10)分析:



### (依服務)

🕑 FTP	Total Traffic: 24.12 MB	😂 НТТР	Total Traffic: 58.74	MB TELNET	Total Traffic: 23.20 KB
192.168.1.10 192.168.1.1 192.168.1.1	100.00% 0.00% 0.00%	192.168.1.10 192.168.1.11 192.168.1.1	74.8 24.2 0.0	192, 168, 1, 10 1% 192, 168, 1, 11 5% 192, 168, 1, 1 192, 168, 1, 11	100.00% 0.00%
🯓 MAIL	Total Traffic: 2.11 MB	🤍 ім	Total Traffic: 205.42	кв 🌮 Р2Р	Total Traffic: 0.00 KB

### (依使用者)

### 連線側錄:

#### FTP:

Date/Time	User Name/IP	Dir	Host	Login ID	Password	File Name	Size
D 2009-02-27 14:47:59	192.168.1.10	₽	ftp.draytek.com	anonymous	yoyoyoyok	Exact Monitor_2.0.zip	14.53 MB
2009-02-27 14:46:45	192.168.1.10	₽	ftp.draytek.com	anonymous	yojojojoje	English_V3.2.2.zip	6.33 MB
D 2009-02-27 14:45:01	192.168.1.10	₽	85.236.48.69	anonymous	*otototok	🞥 Telnet_Commands_V1.11.zip	244.78 KB
2009-02-27 14:44:54	192.168.1.10	₽	85.236.48.69	anonymous	жыскоюк	🕽 DialPlan_3.5.0_Lite.zip	336.00 KB
2009-02-27 14:44:44	192.168.1.10	₽	85.236.48.69	anonymous	жыскоюк	E VTA2KV281.zip	592.84 KB
D 2009-02-27 14:44:37	192.168.1.10	₽	85.236.48.69	anonymous		🔚 LPR.zip	383.05 KB
2009-02-27 14:39:35	192.168.1.10	₽	85.236.48.69	anonymous	NOIOIOK	NPN.zip	1.33 MB

可以清楚發現下載檔名,而且已經將檔案備份,直接點選擇可下載相同檔案。

#### MAIL:

Date/Time	User Name/IP	Sender	Recipient	Subject	Size
2009-02-27 16:49:05	192.168.1.10	abijah@hotmail.com	shop@tamio.com.tw	🗺 No Subject.	0.08 KB
2009-02-27 14:35:22	192.168.1.10	arc@tamio.com.tw	shop@tamio.com.tw	<b>经10</b> FW: TEST 測試中交 (測試信 件 ).	0.38 KB +159.38 KB
2009-02-27 10:36:39	192.168.1.10	cindy@tamio.com.tw	arc@tamio.com.tw	<b>全的</b> FW: TEST 測試中交 (測試信 件 ).	0.21 KB +159.38 KB
2009-02-27 10:35:08	192.168.1.10	toure@beansouptimes.com	service@tamio.com.tw	Community Cafe Fri. Feb 27th: A Diverse Celebration of Black	4.90 KB
009-02-27 10:16:39	192.168.1.10	toure@beansouptimes.com	service@tamio.com.tw	Chicago Revolution Books Pre sents "Making Revolution in the	4.31 KB
2009-02-27 10:16:31	192.168.1.10	ablin@hotmail.com	shop@tamio.com.tw	🗺 No Subject.	0.08 KB
2009-02-27 10:16:20	192.168.1.10	cindy@tamio.com.tw	arc@tamio.com.tw	全面出貨明細表2.26.	0.31 KB +45.50 K B
2009-02-27 10:16:06	192.168.1.10	abigailq@hotmail.com	shop@tamio.com.tw	🗺 No Subject.	0.06 KB
2009-02-27 10:16:06	192.168.1.10	abishah@hotmail.com	shop@tamio.com.tw	🗺 No Subject.	0.06 KB
009-02-27 10:16:05	192.168.1.10	abieq@hotmail.com	shop@tamio.com.tw	🗺 No Subject.	0.06 KB

## 點選標題還可以看見附件與信件內文!!(這年代當然也會看見許多垃圾信)

### HTTP:

Date/Time	User Name/IP	WebSite	URL Number
D 2009-02-27 17:10:31	192.168.1.10	www.draytek.com.tw	12
D 2009-02-27 17:10:20	192.168.1.10	www.google.com.tw	15
2009-02-27 17:02:07	192.168.1.10	www.youtube.com	1
2009-02-27 16:56:15	192.168.1.10	www.ublink.org	3
2009-02-27 16:54:11	192.168.1.10	zhidao.baidu.com	1
2009-02-27 16:18:08	192.168.1.10	www.symantec.com	1
2009-02-27 15:29:46	192.168.1.10	tablebid.tamio.com.tw	6
D 2009-02-27 15:10:17	192.168.1.10	www.wireshark.org	1
D 2009-02-27 15:05:27	192.168.1.10	service.hinet.net	10
2009-02-27 14:48:39	192.168.1.10	tw.myfoxy.net	8

192.168.1.10	service.hinet.net UTF-8 2009-02-27
15:05:27	BOTTON
15:05:27	HiNet客戶服務
15:05:27	HiNet客戶服務 > 常用服務 > 測試連線速率
11:15:01	BOTTON
11:15:01	HiNet客戶服務 > 常用服務
11:14:58	HiNet客戶服務 > 常用服務
11:14:54	HiNet客戶服務 > 常用服務
11:08:50	BOTTON
11:08:50	HiNet客戶服務
11:08:50	HiNet客戶服務 > 常用服務 > 測試連線速率

不管瀏覽什麼網站、頁面都詳實紀錄,凡走過必留下痕跡。

IM:

Duration Time	User Name/IP	User Account	PeerAccount	Rec	ords
🗆 2009-02-27 11:15:25 2009-02-27 12:07:40 (52:25 min.)	192.168.1.10	arc@tamio.com.tw			22 🍣
□ 2009-02-27 10:10:43 2009-02-27 11:41:55 (91.2 min.)	192.168.1.10	arc@tamio.com.tw	@yahoo.com.tw		10 🌯
□ 2009-02-27 10:10:30 2009-02-27 10:13:36 (3.1 min.)	192.168.1.10	arc@tamio.com.tw			3 🍇

MSN、ICQ、Yahoo 即時通通無所遁形,哪個 IP 上網、幾則對話、點選 Records 還可以觀看對話內容!!



#### Telnet:

Start Time	User Name/IP	WebSite	Content
2009-02-27 10:31:33	192.168.1.10	ptt.cc	

就算連線到 BBS 也都被發現了!!

#### P2P:

P2P 雖然只能側錄 BT、Edonkey(Emule)這兩種,不過為什麼要開放讓員工抓 P2P 呢? 請在 Vigor2950 管理端就直接封殺所有 P2P 下載!

### P2P

0 pcs/0 Pages						
Date/Time User Name/IP	Upload speed	Download speed	Upload Size	Download Size	Туре	File Name

#### WEBDOWN:

Date/Time	User Name/IP	File Name	Size
2009-02-27 15:10:44	192.168.1.10	wireshark-setup-1.0.6.exe	21.17 MB
2009-02-27 11:13:34	192.168.1.10	🔁 SEVAS_AV_Storage-G01.pdf	1.48 MB
2009-02-27 10:13:10	192.168.1.11	🔚 ff.rar	104.03 KB
2009-02-27 10:12:39	192.168.1.11	🞥 abs.rar	95.96 KB
2009-02-27 10:05:04	192.168.1.11	📜 ff.rar	117.00 KB

#### 連所有的 WEB DOWNLOAD 都無所遁形!

#### 除了時間、檔名與 LAN 端 IP 外,還可以查詢從哪個 IP 下載!

192.168.1.11			Capture Time: 20	09-02-27 10:13:10	
Host IP	Files	Percentage	Host IP	FileSize	Percentage
221.1.222.109	2	66.67%	221.1.222.109	221.03 KB	69.73%
60.169.0.166	1	33.33%	60.169.0.166	95.96 KB	30.27%

奇怪?192.168.1.11只有瀏覽網頁,沒有下載檔案啊!?下載檔案的 IP 也很奇怪!!真相大白!原來 192.168.1.11 中毒了,那兩個檔案下載都是病毒自動執行的,而那兩個怪怪 IP 都是來自於中國大陸!!

#### STOCK:

### STOCK

0 pcs/0 Pages					
Duration Time	User Name/IP	Stock Name	Tool		

千萬別再上班時看盤看股票,因為 Vigor 還是會記錄起來的。

### **Records & Report**

<mark>≜</mark> 192, 168, 1, 1	<b>4</b> 192, 168, 1, 10		<mark>≜</mark> 192. 168. 1. 11
	🕑 ГТР	(7)	
	🏓 MAIL	(17)	
	🔎 НТТР	(20)	
	🥥 ім	(3)	
	TELNET	(1)	
	🌮 Р2Р	(0)	
	S WEBDOWN	(2)	
	🕌 ѕтоск	(0)	
	📌 Top 10		
	🖾 Daily Report		

還可以直接針對特定 IP 觀看紀錄報告,管理十分簡便。