

VigorACS SI Centralized Management System



Quick Start Guide



VigorACS SI Quick Start Guide

Version: 1.1

Software Version: V1.0.2

Date: 14/06/2010



Table of Contents



Software Installation	7
1.1 Platform for Windows 2000, XP and Vista	7
1.1.1 Installation for Java	7
1.1.2 Installation for MySQL	11
1.1.3 Installation for VigorACS SI	17
1.2 Platform for Unix	23



Starting VigorACS	25
2.1 Overview	
2.2 Platform for Windows 2000, XP and Vista	25
2.2.1 Start MySQL Database	25
2.2.2 Start VigorACS	25
2.2.3 Register VigorACS	26
2.3 Platform for Linux	
2.3.1 Start/Shutdown MySQL Database	
2.3.2 Start/Shutdown VigorACS	
2.3.3 Edit VigorACS IP	



Configuration on CPE Device

3.1 Set ACS URL on CPE	
3.2 Invoke Remote Management for CPE	34
3.3 Enable WAN Connection on CPE	



Application and Tutorial	.37
--------------------------	-----

4.1 Creating an Account for MyVigor	37
4.1.1 Creating an Account via VigorACS SI	37
4.1.2 Creating an Account via MyVigor Web Site	41
4.2 Upgrade VigorACS with New License Key	44
4.2.1 License Is Invalid or Expired	44



	4.2.2 License Is Valid Still))
6	roubleshooting	;





Please follow the procedure listed below to install VigorACS completely. The installation for different platforms might be different.

1.1 Platform for Windows 2000, XP and Vista

There are three programs needed to be installed for operating VigorACS.

1.1.1 Installation for Java

1. Locate ACS\Software\jdk-1_5_0_07-windows-i586-p.exe from CD and double click on it to execute the installation.



2. A license agreement dialog box will appear. Choose "I accept the ..." and click Next.





3. In this dialog box, optional features will be listed for you to choose for installation. Choose the one you need and click **Next**.

🙀 J2SE Development Kit 5.0 Update 7 - Custom Sett	1 р 🔀
Custom Setup Select the program features you want installed.	Sun.
Select optional features to install from the list below. You ca installation by using the Add/Remove Programs utility in the (n change your choice of features after Control Panel
Development Tools Demos Source Code Public JRE	Feature Description J25E Development Kit 5.0, including private JRE 5.0. This will require 264 MB on your hard drive.
Install to: C:\Program Files\Java\jdk1.5.0_07\ TochallShield	hange
< Back	Next > Cancel

4. Wait for a while to install the selected feature.

🛃 J2SE Development Kit 5.0 Update 7 - Progress	
Installing The prog	ram features you selected are being installed.
1	Please wait while the Install Wizard installs J2SE Development Kit 5.0 Update 7. This may take several minutes.
	Status:
InstallShield –	
	< <u>B</u> ack <u>N</u> ext >



5. When this dialog box appears, please click **Next**.

🙀 J2SE Runtime Environment 5.0 Update 7 - Custo	m Setup 🔀
Custom Setup Select the program features you want installed.	SULL.
The J2SE Runtime Environment with support for European optional features to install from the list below.	anguages will be installed. Select
J2SE Runtime Environment Support for Additional Languages Additional Font and Media Support	Feature Description The J2SE Runtime Environment with European languages. This requires 131 MB on your hard drive.
Install to:	
C:\Program Files\Java\jre1.5.0_07\ InstallShield	hange
	Next > Cancel

6. You have to choose the browser for configuring VigorACS later, and then click **Next**.

🛃 J2SE Runtime Environment 5.0 Update 7 - Browser Registration 🛛 🛛 🔀
Browser Registration Select the browsers you want to register with Java(TM) Plug-In.
Microsoft Internet Explorer
You may change the settings later in the Java(TM) Control Panel.
InstallShield
< <u>B</u> ack <u>N</u> ext > Cancel

7. Wait for a while to install the required features.

🛃 J2SE Ru	🛃 J2SE Runtime Environment 5.0 Update 7 - Progress	
Installing The prog	ram features you selected are being installed.	
17	Please wait while the Install Wizard installs J2SE Runtime Environment 5.0 Update 7. This may take several minutes.	
	Status:	
InstallShield –		
	< <u>B</u> ack <u>N</u> ext >	

8. Now the installation is completed. Click **Finish** to exit the installing program.

🛃 J2SE Development Kit 5.0 Update 7 - Complete 🛛 🔀			
	Installation Completed		
	The Install Wizard has successfully installed J2SE Development Kit 5.0 Update 7. Click Finish to exit the wizard.		
Sun Java			
	< Back Einish Cancel		



1.1.2 Installation for MySQL

Follow the steps below to install MySQL.

- 1. Locate ACS\Software\mysql-5.1.41-win32\Setup.exe from CD and double click on it to execute the installation.
- 2. When the welcome screen appears, please click **Next** for next step.



3. On this dialog box, choose the type of setup you want and click **Next**.



4. On this dialog box, click **Install**.

eady to Install the Program	
The wizard is ready to begin install	lation.
If you want to review or change ar exit the wizard.	ny of your installation settings, click Back. Click Cancel to
Current Settings:	
Typical	
Destination Folder:	
C:\Program Files\MySQL\MySQ	QL Server 5.1\
Data Folder:	
C:\Documents and Settings\Al	II Users\Application Data\MySQL\MySQL Server 5.1\

5. The installation program starts to install required files for MySQL to your computer. Wait for several seconds.

🛃 MySQL S	Server 5.1 - Setup Wizard	
Installing The prog	MySQL Server 5.1 ram features you selected are being installed.	0
	Please wait while the Setup Wizard installs MySQL Server 5.1. This may several minutes. Status:	take
2	< <u>B</u> ack <u>N</u> ext >	Cancel



6. When the following screen appear, please click **Next**.



7. Click Next again.

MySQL Enterprise		
MySQL. Enterprise The My	vSQL Enterprise Mor	nitor Service
 Quickly identifies your most expensive SQL code 		
across all your servers.	Les Las	
 MySQL Advisors and 125+ Best Practice Rules ensure security and performance. 		
Alerts and Expert Advice on how to fix problems and tupe for peak performance		
Formore information click	[More] or visit www.mysql.	com/enterprise
More	< Back Next	Cancel

8. When the program finishes the installation, the following dialog box will appear. Please click **Finish** to exit the program.



9. When the following page appears, click **Next**.

MySQL Server Instance Conf	iguration Wizard
	Welcome to the MySQL Server Instance Configuration Wizard 1.0.16.0 The Configuration Wizard will allow you to configure the MySQL Server 5.1 server instance. To Continue, click Next.
MySQL.	
	(<u>Next</u> > Cancel



10. Choose Standard Configuration and click Next.



11. In this page, simply click **Next**.

MySQL Server In	astance Configur	ation Wizard	L			
MySQL Server : Configure the M	Instance Configu MySQL Server 5.1 s	uration server instance			(
Please set the '	Windows options.					
🔽 Install As	Windows Service	e				
Cont	This is the recomm on Windows.	nended way to	run the I	MySQL server		
	Service Name:	MySQL	•			
		🔽 Launch t	he MySQI	. Server automat	ically	
🔽 Include Bi	n Directory in W	indows PATH				
MySQLs.	Check this option server / client exe so they can be ca	to include the ecutables in the illed from the c	directory Window ommand I	containing the s PATH variable ine,		
		< Ba	ck	Next >	Can	

12. If you want to configure password for MySQL server, please check Modify Security Settings and type the password. It depends on your request. Otherwise, simply click **Next**.

MySQL Server Instance Configuration	Wizard 🔀
MySQL Server Instance Configuration Configure the MySQL Server 5.1 server in	nstance.
Please set the security options.	
Modify Security Settings	
New root password:	Enter the root password.
Confirm:	Retype the password.
	Enable root access from remote machines
🔽 Create An Anonymous Account	
This option will create an note that this can lead to	anonymous account on this server. Please an insecure system.
L	< Back Next > Cancel

13. Then, click **Execute**.

MySQL Server Instance Configuration Wizard	
MySQL Server Instance Configuration Configure the MySQL Server 5.1 server instance.	
Ready to execute	
Prepare configuration	
 Write configuration file 	
 Start service 	
 Apply security settings 	
Please press [Execute] to start the configuration.	
< Back C	ancel



14. After finishing the configuration, please click Finish to exit the wizard.

MySQL Server Instance Configuration Wizard
MySQL Server Instance Configuration Configure the MySQL Server 5.1 server instance.
Processing configuration
S Prepare configuration
𝞯 Write configuration file (C:\Program Files\MySQL\MySQL Server 5.1\my.ini)
♂ Start service
O Apply security settings
Configuration file created. Windows service MySQL installed. Service started successfully.
Press [Finish] to close the Wizard.
< Back Finish Cancel

1.1.3 Installation for VigorACS SI

It is time to install VigorACS main program. Follow the steps below.

1. Locate ACS\ACS\setup.exe from CD and double click on it to execute the installation.



2. Select the directory that MySQL being installed (done in 1.1.2) and click **Next**.

1 <mark>9</mark> Setup - VigorACS SI	
Select MySQL Install Path	
Please specify the installation folder of MySQL a	and then click Next button.
C:\Program Files\MySQL\MySQL Server 5.1	Browse
	< <u>B</u> ack <u>N</u> ext > Cancel

3. In this dialog box, choose **Rebuild Database** (for rebuilding the VigorACS database) or **Upgrade Database** (for upgrading the database) and click **Next**. For the first time using, please choose **Rebuild Database**.

j <mark>⊕</mark> Setup - VigorACS SI	
Database Install Type Selection	
Select the Rebuild option, setup program will recreate VigorACS Database. Select the Upgrade option, setup program will update your current VigorACS Dat Please select Rebuild or Upgrade Database, then click Next	abase.
 Rebuild Database Upgrade Database 	
< <u>B</u> ack <u>N</u> ext > (Cancel



4. Click **Next**. If you have configured MySQL previously and specified password for it, you have to type the password in this page and then click **Next**.

1 [™] Setup - VigorACS SI	
MySQL Account Setting	
Please specify password of root of MySQL, this step can be ignored if MySQL databa has not been configured. root password	ase
confirm root password	
< <u>B</u> ack Next > C	Cancel

5. Determine the destination folder and click **Next**. The default directory used by this program is *c:\Program Files\VigorACS SI* You can modify it if you want and please make sure the length of directory is not over 100 characters, otherwise you might encounter problem of VigorACS SI in installation.

1 ^[2] Setup - ¥igorACS SI	
Select Destination Location Where should VigorACS SI be installed?	
Setup will install VigorACS SI into the following folder.	
To continue, click Next. If you would like to select a different folder, click B	Browse.
C:\Program Files\VigorACS SI	Browse
At least 438.3 MB of free disk space is required.	
< <u>B</u> ack <u>N</u> ext≻	Cancel



6. Determine the program name of VigorACS SI for you to start up. Then click Next.

🗗 Setup - VigorACS SI	
Select Start Menu Folder Where should Setup place the program's shortcuts?	
Setup will create the program's shortcuts in the following Start Menu folde To continue, click Next. If you would like to select a different folder, click Browse.	r.
VigorACS SI Brows	e
< <u>B</u> ack Next>	Cancel

7. In this dialog, check the box of "Create a desktop icon" for your necessity. Click Next.

1 Setup - VigorACS SI	×
Select Additional Tasks Which additional tasks should be performed?	3
Select the additional tasks you would like Setup to perform while installing VigorACS SI, then click Next.	
Additional icons:	
Create a desktop icon	
Other tasks:	
Allow VigorACS access through Windows Firewall(Recommand)	
< <u>Back</u> Next > Cancel	



8. Now, the program is ready to install necessary features and files to your computer. Please click **Install** to start.

1 ² Setup - VigorACS SI
Ready to Install Setup is now ready to begin installing VigorACS SI on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location: C:\Program Files\VigorACS SI Start Menu folder: VigorACS SI Additional tasks: Additional icons: Create a desktop icon Other tasks: Allow VigorACS access through Windows Firewall(Recommand)
< <u>B</u> ack Install Cancel

9. Please wait for a while to complete the installation.

1 Setup - VigorACS SI	
Installing Please wait while Setup installs VigorACS SI on your computer.	
Extracting files C:\Program Files\VigorACS SI\client\jacorb.jar	
	Cancel

10. While installing, the following screen will appear to show that MySQL has been activated. Please wait for next dialog appearing.



11. Now the program has completed the installation of VigorACS SI. Click **Finish** to exit it.





1.2 Platform for Unix

Follow the steps below.

- 1. Login Linux with root or the root privilege.
- 2. Locate **VigorACS_Unix_Like_xxxxxx_xxxx.tar.bz2** from CD and copy it to your hard disk.
- 3. Decompress the setup packages

```
bzip2 -cd VigorACS_Unix_Like_xxxxxx_xxxx.tar.bz2 |tar xvf -
```

drwxr-x	17	root	root	4096											
drwxr-xr-x	2	root	root	8192											
drwxr-xr-x	3	root	root	4096											
drwxrwxrwt	18	root	root	4096											
drwxr-xr-x	16	root	root	4096											
drwxr-xr-x	28	root	root	4096											
ru-rr	1	root	root	185348096											
[root@local	host	/]# rm	vigoracs												
rm: remove :	regui	lar file	'vigorac	s'?y											
[root@local	host	∕]# ls													
bin boot	dev	etc ho	me initrd	lib lost	t+found	misc	mnt	opt	proc	root	sbin	tftpboot	tmp	usr	var
[root@local	host	∕]# cd]	home/												
[root@local	host	home]#	cd robin∕												
[root@local	host	robin]#	1s												
vigoracs															
[root@local	host	robin]#	cd vigora	cs/											
[root@local	host	vigorac	s]# ls												
0.0.1.3 0.	0.1.3	3.1													
[root@local	host	vigorac	s]# cd 0.0	.1.3.1/											
[root@local	host	0.0.1.3	.1]# ls												
VigorACS_Un	ix_L:	ike_Dray	tek_Pro_0.	0.1.3.tar	VigorAC	CS_Unix	_Like	_Dray	tek_Pro	o_0.0.:	1.3.ta	r.gz			
[root@local	host	0.0.1.3	.1]# ls												
VigorACS_Un	ix_L	ike_Dray	tek_Pro_0.	0.1.3.tar	VigorAC	CS_Unix	_Like	_Dray	tek_Pro	o_0.0.	1.3.ta	r.gz			
[root@local	host	0.0.1.3	.1]# ls												
VigorACS_Un	ix_L	ike_Dray	tek_Pro_0.	0.1.3.tar	VigorAC	CS_Unix	_Like	_Dray	tek_Pro	o_0.0.:	1.3.ta	r.gz			
[root@local	host	0.0.1.3	.1]# gzip	-cd VigorA(CS_Unix_	_Like_D	rayte	k_Pro	_0.0.1	.3.tar	.gz_ita	ar xvf -			

4. Change the permissions mode of **install.sh** and **uninstall.sh**.

chmod 755 ./install.sh

chmod 755 ./uninstall.sh



5. Execute the installation by entering the following.

./install.sh



- 6. Click **y** to create *vigoracs* folder for storing necessary files.
- 7. Next, please select the item number which you want to execute. Be aware that VigorACS supports Linux OS. The program will detect the system you have in your computer.

For Linux System

- 1. Install mysql
- 2. Install java
- 3. Install VigorACS (It will build one mysql database: tr069)
- 4. Upgrade VigorACS (It will upgrade tr069 database)
- 5. Exit

input select num :

- If your computer has installed MySQL and java previously, ignore the installation of them. Otherwise, install all the required items (MySQL, Java and VigorACS) for your system. Item number 4 is used to upgrade VigorACS, so it is not necessary for you to execute for the first time of installation.
- 9. Select the item of Exit to finish the installation.





2.1 Overview

The normal procedure of starting up the VigorACS:

- Start MySQL Database
- Start VigorACS
- Change Bind IP of VigorACS if necessary

Configuration for VigorACS is different based on the operation system you use. Please follow the steps listed below for each platform.

2.2 Platform for Windows 2000, XP and Vista

2.2.1 Start MySQL Database

After installing VigorACS, installing program will register MySQL to Windows Service. MySQL will startup automatically after installing VigorACS or rebooting system. Normally, you don't need to worry about this step on Windows. But, if you find any problem on VigorACS, you should check MySQL first.

Please open Start >Setup >Control Panel >Administrative Tools >Service to check if the MySQL Service has been initiated or not. If not, please double click it to enable.

2.2.2 Start VigorACS

After installing VigorACS, it will startup automatically. Normally, you don't need to worry about this step on Windows. But, if you find any problem on VigorACS, you could shut down VigorACS and start VigorACS again.

Please open **Start >Setup >Control Panel >Administrative Tools >Service** to check if the VigorACS Service has been initiated or not. If not, please double click it to enable.



2.2.3 Register VigorACS

1. Click **Programs> VigorACS SI> VigorACS Web Page** to access into VigorACS. The login page of VigorACS will be shown as the following:

Dray Tek	VigorACS
Login	
User Name	root
Password	*****
	Login

2. Please type "**root**" as user name and "**admin123**" as password. Then click **Login**. A License Error dialog appears as follows:

License Error
Your license is invalid or
expired,please go to license server to
activate your license!!
ок

3. Click **OK**. A login page for MyVigor web site will pop up automatically.

This service is available for MyVigor member only. Please login to access MyVigor. If you are not one of the members of MyVigor, please create an account first.

DGIN				
UserName :				
Password :				
Auth Code :		AYi	GXZ	
	If you cannot read the wo	ord, <u>click her</u>	<u>re</u>	
	Forget password	1? Login		
Don't have a M	Vigor Account ?	Crea	te an acco	ount now

If you are having difficulty logging in, contact our customer service. Customer Service : (886) 3 597 2727 or email to :<u>webmaster@dravtek.com</u>



4. Type your account (user name) and password in this page. Enter the authentication code with the characters displayed on the screen. Then, click **Login.**

Note: If you do not have any account, simply click <u>Create an account now</u> to create a new one for using the service provided by MyVigor web site. Refer to Appendix C Creating an Account for MyVigor.

5. MyVigor will verify and authenticate if the user account you typed is allowed to access into the web site. If yes, the following screen will appear.

Dray Tek		MyVigor	
ft Home		Search GO	Customer Survey
About Us Product My Information VigorPro	My Information Welcome, carrie_vfn Last Login Time : 2010-01-13 15:03:46 Last Login From : 61:16:234.12 Current Login Time : 2010-01:28 10:19:52 Current Login From : 61:216:234.204 Your Device List Serial Number / Host ID Device Name	RowNo : 5 PageNo : V Add Model Note	Login You have logged in as carrie_yfn LogOut Register your router here 1
Please use IE 5.0 or above (resolution 1024 * 788) for best display. © DrayTek Corp.			

6. Click **Add** to get the following page.

My Product		Search for this site	GO
Registration Device	•		
Serial number : Nickname :* Registration Date : *	20100128100607 carrie_VigorACS		
Registration Date .	01202010		Cancel Submit

7. Type a name for identification in the field of **Nickname** and click **Submit**. You can see the following screen. Click **OK**.

Your device has been successfully added to the database.

8. In this page, click the serial number link (in this case, it is 1141236).

My Information						
Welcome,Carrie_yfn Last Login Time : 2010-01-13 15:03:46 Last Login From : 61.216.234.12 Current Login Time : 2010-01-28 10:19:52 Current Login From : 61.216.234.204						
Your Device List	RowNo : 🕤 🝸 Pa	geNo : 1 💌				
Serial Number / Host ID	Device Name	Model	Note			
<u>1141236</u>	carrie_yfn	VigorACS	-			

9. You will get a device information page as shown below:

My Product
Device Information
Nickname : carrie_VigorACS Host ID : Model : VigorACS
Device's Service Expired License
Service Provider Action Status Start Date Expired Date Nodes ACS DT-ACS Trial On - - - RowNo : 5 PageNo : 1 •
 Means such service is in use. Means such service is not in use. Means such service has not been activated yet. Means such service is in use and will be invalid soon (less than one month).



10. If you are the new user of VigorACS SI, you can get a free charge of 30-day service of VigorACS SI. Simply click the **Trial** button to open the following screen.

Confirm Me	ssage			
				Cancel
User Name :	carrie vfn			
Serial :	20100128100	607		
Model:	VigorACS			
Licens	e Number	Service Provider	Status	Nodes
IMPORTANT: DrayTek IS UPON THE C IN THIS LI BEFORE COM SOFTWARE W TO THESE T	WILLING TO LI ONDITION THAT CENSE AGREEMEN PLETING THE IN TLL INDICATE Y ERMS, THEN Dra	CENSE THE ENCLOSED SOFT YOU ACCEPT ALL OF THE T T. PLEASE READ THE TERM: STALLATION PROCESS AS II OUR ASSENT TO THEM. IF YTER IS UNWILLING TO LIG accept the above Agreement. (Please of	WARE TO YOU ERMS CONTA: S CAREFULL' NSTALLING T YOU DO NOT CENSE THE heck this box).	J ONLY INED CHE AGREE

11. Check the box of "I have read and accept the above...." and click Next.

Apply For A License Number		
		Cancel
Service Name: ACS STEP 2		
Activation Date (MM-DD-YYYY):	01-28-2010 Register	

12. Click Register. When the VigorACS License Information page appears, the service is ready for you to use.

VigorACS License Ir	formation
Operation	1000 : Service activation
License id	00001b10
Start date	2010-01-28
Expire date	2010-02-11
Max node	20
Is trial license	Yes
	Login to ACS

13. Click **Login to ACS** to use VigorACS SI service. The login page will appear as follows.

Dray Tek	Vigor ACS
Login	
User Name	root
Password	****
	Login

14. Type the default settings of User Name (root) and Password (admin123) and click Login. The main screen of VigorACS will be shown as follows.

Essentials	Network	· Network Vie			Your relia	able networking so	lutions partner
A Notice dia and Decision	- Setwo	rk 🔾 View				<u> </u>	
Networks and Devices	Networks And Devices			Unknown Devices			
🛴 🥑 DrayTek_00507F_Vigor_01	Latest 6	Managed netwo Total number o Alarm networks Total number o Number of alarr	vrks and devices f networks:0 :0 f devices:1 ned devices:0		IP Address 172.16.2.130	Device Name	Device Type
Vizards Reports		Level	Time	Device Name	e Netw	rork Descrip	tion Actio



Below shows a view of CPEs added to the database and controlled by VigorACS.

Dray Te	k 🖉	Vigor ACS
Essentials	Device: DrayTek_00507F_Wgor_00507F871308	Your reliable networking solutions partner
😻 Networks and Devices	🕐 Device 🔊 System 🍙 VoIP 🖉 VPN	
🔻 🧦 Network View(1)	System	Alarm
└─ 🔮 DrayTek_00507F_Vigor_0	Hardware Model: Vigor2820 Series Firmware Version: 3.3.4_RC11 MAC Address: 00507F871308 Manufacturer: DrayTek Hardware Version: 200 Web URL: 172.16.2.130	Time Device Name
	Natwork	Note
🐔 Wizards	Lani IP-address: 192.168.1.1 DHCP Server: true Wani IP-address:	
	Wan2 IP-address: 172.16.2.130	
Search Device		Input note here
		? 🕞 🔣

2.3 Platform for Linux

2.3.1 Start/Shutdown MySQL Database

Execute **''/usr/local/vigoracs/VigorACS/bin/vigoracs.sh''** instruction. The following menu will appear.

- 1. start mysql
- 2. shutdown mysql
- 3. start VigorACS
- 4. shutdown VigorACS
- 5. edit bind ip of VigorACS Server(please keying IP or server name)
- 6. set the MAX and MIN memory value of running java (It will valid after restarting VigorACS)
- 7. view the MAX and MIN memory value of running java
- 8. exit

input select num:

Start to create snmpdb db
VigorACS MYSQL:
MySQL:
Create snmpdb db successfully
Create snmpdb db table
Create snmpdb table successfully
VigorACS and snmpdb install Successfully
1. Install mysgl
2. Install java
3. Install VigorACS < It will build one mysql database : snmpdb >
4. Upgrade VigorACS < It will upgrade snmpdb database >
5. Exit
input select num :
5
[root@localhost 0.0.1.3.1]# /usr/local/vigoracs/VigorACS/bin/vigoracs.sh
1. start mysql
2. shutdown mysgl
3. start VigorACS
4. shutdown VigorACS
5. edit bind ip of VigorACS Server(please keyin ip or servername)
6. set the MAX and MIN memory vaule of running java (It will valid after restarting VigorACS)
7. view the MAX and MIN memory vaule of running java
8. exit
input select num :



Type item number **1** to start MySQL database if necessary. Usually MySQL daemon will start automatically after installing VigorACS server.

Note: You can type "ps -ef/grep mysql" to view the content of MySQL. If you want to shutdown MySQL database, simply type the menu item 2 to close MySQL.

2.3.2 Start/Shutdown VigorACS

For the first time of starting the VigorACS on Linux system, the startup program will need you to input Server IP. Select item number **3** for starting VigorACS. And type the required IP address used for initiating.

# http://	developer.java.sun.com	/developer/	/bugParade/bugs/446533	4.html	
done					
fi					
"vigoracsserver.sh"					
[root@localhost bin]# 1s				
changeip.bat	jboss_init_redhat.sh	probe.sh	set_memory.sh	StartVigorACS.bat	vigoracs.sh
changeip.bat.bak	jboss_init_suse.sh	run.bat	shutdown.bat	twiddle.bat	VigorACS.url
classpath.sh	memory.txt	run.conf	shutdown.jar	twiddle.jar	wstools.bat
hs_err_pid508.log	noip.bat	run.jar	shutdown.sh	twiddle.sh	wstools.sh
jboss_init_hpux.sh	probe.bat	run.sh	ShutdownVigorACS.bat	vigoracsserver.sh	
[root@localhost bin]# chmod 755 vigoracs.	sh			
[root@localhost bin]# chmod 755 vigoracss	erver.sh			
[root@localhost bin]# ./vigoracs.sh				
1. start mysql					
2. shutdown mysql					
3. start VigorACS					
4. shutdown VigorAC	2				
5. edit bind ip of U	VigorACS Server(please	keyin ip o	or servername)		
6. set the MAX and I	MIN memory vaule of ru	nning java	(It will valid after :	restarting VigorACS	
7. view the MAX and	MIN memory vaule of r	unning java	a		
8. exit					
input select num :					
3					
Which ip address do	you want to bind for	VigorACS se	ervice (x.x.x.x or En	ter for bind localh	ost.localdomain server)?
172.17.3.132					

The system will start VigorACS with the specified IP address.

2.3.3 Edit VigorACS IP

Once you input the IP address, VigorACS will keep it on *startway.txt*. However, if you want to change the server bind IP for some reason, please follow the steps below:

- 1. Execute "/usr/local/vigoracs/VigorACS/bin/vigoracs.sh" instruction.
- 2. Stop VigorACS by selecting item number **2** to shutdown VigorACS. Such action can make sure the new changed IP setting being effective.
- 3. Then select item number **5** to edit *startway.txt* by using *vi* editor.
- 4. When you finished the change of bind IP, please select item number **3** to start VigorACS again.







3.1 Set ACS URL on CPE

To manage CPEs through VigorACS, you have to set ACS URL on CPE first and set username and password for VigorACS.

- 1. Connect one CPE (e.g., Vigor2910 series).
- 2. Open a web browser (for example, **IE**, **Mozilla Firefox** or **Netscape**) on your computer and type **http://192.168.1.1**.
- 3. Please type username and password on the window. If you don't know the correct username and password, please consult your dealer to get them. In this section, we take the figures displayed on Windows as examples.

Connect to 192.1	68.1.1 ? 🔀
	GP
Login to the Router \	Web Configurator
User name:	2
Password:	
	Remember my password
	OK Cancel

4. Go to System Maintenance -> TR-069.

System Maintenance >> TR-069 Setting

ACS Server	
URL	http://172.17.3.185:80/ACSServer/services/ACSServlet
Username	acs
Password	AAAAAAAAAAAAAA
CPE Client	
💿 Enable 🛛 🔘 Dis	able
URL	http://172.16.3.229:8069/cwm/CRN.html
Port	8069
Username	vigor
Password	•••••
lic Inform Settings	
🔘 Disable	
 Enable 	
Interval Time	900 second(s)

• If the connected CPE needs to be authenticated, please set URL as the following and type



username and password for ACS server: http://{IP address of VigorACS}:80/ACSServer/services/ACSServlet

- If the connected CPE does not need to be authenticated please set URL as the following: http://{ IP address of VigorACS}:80/ACSServer/services/UnAuthACSServlet
- If the connected CPE needs to be authenticated and the data transmission between CPE and VigorACS needs to be encrypted (SSL), please set URL as the following: https://{IP address of VigorACS}:443/ACSServer/services/ACSServlet
- If the connected CPE needs not to be authenticated but the data transmission between CPE and VigorACS needs to be encrypted (SSL), please set URL as the following: https://{IP address of VigorACS}:443/ACSServer/services/UnAuthACSServlet
- 5. Fill Username and Password for VigorACS Server for authentication. Please type as the following:

Username: acs

Password: password

6. For the username and password of CPE client, it is not necessary for you to type them.

3.2 Invoke Remote Management for CPE

You have to make sure that the CPE device you want to connect supports VigorACS features. Please consult your dealer if you have no idea in it.

- 1. Suppose WAN IP of CPE device has been setup successfully. And you can access into Internet without difficulty.
- 2. Login the device by web.
- 3. Go to System Maintenance->Management Setup.
- 4. Check Allow management from the Internet to set management access control. System Maintenance >> Management

Management Access Control	Management Port Setup	
	💿 User Define Ports 🛛 🤇	🔵 Default Ports
 Allow management from the Internet FTP Server HTTP Server HTTPS Server Telnet Server 	Telnet Port HTTP Port HTTPS Port FTP Port	23 (Default: 23) 80 (Default: 80) 443 (Default: 443) 21 (Default: 21)
□ SSH Server ✓ Disable PING from the Internet	SSH Port	22 (Default: 22)
Access List	Enable SNMP Agent	
List IP Subnet Mask	Get Community	public
	Set Community	private
2	Manager Host IP	
	Trap Community	public
	Notification Host IP	
	Trap Timeout	10 seconds

3.3 Enable WAN Connection on CPE

You have to make sure the CPE device you want to connect has been configured properly and



can access into Internet.

1. Login the device by web.

WAN >> Internet Access

- 2. Open WAN->Internet Access.
- 3. Choose Static or Dynamic IP as Access Mode and click Details Page.
- 4. Click **Enable**.
- 5. Click **Specify an IP address**. Type correct WAN IP address, subnet mask and gateway IP address for your CPE. Then click **OK**.

WAN 1 Static or Dynamic IP (DHCP Client) WAN IP Network Settings WAN IP Alias ⊙ Enable ODisable Obtain an IP address automatically Router Name ISDN Dial Backup Setup Domain Name Dial Backup Mode * None * : Required for some ISPs Specify an IP address Keep WAN Connection IP Address 172.16.3.229 Enable PING to keep alive 255.255.0.0 PING to the IP Subnet Mask **PING Interval** 0 Gateway IP Address 172.16.3.4 minute(s) WAN Connection Detection **DNS Server IP Address** ARP Detect 🔽 Primary IP Address Mode Ping IP Secondary IP Address TTL: Oefault MAC Address O Specify a MAC Address MTU 1442 (Max:1500) MAC Address: 00 50 7F DD 15 19 **RIP Protocol** 📃 Enable RIP OK Cancel

Note: Reboot the CPE device and re-log into VigorACS SI. CPE which has registered to VigorACS will be captured and displayed on the home page of VigorACS SI.

This page is left blank.





This chapter will guide you to create an account to access into MyVigor web site. Simply follow the instructions listed below to finish the account creation. Refer to C.1 or C.2 to create a new account.

Note: To register VigorACS SI, please return to Chapter 3 and follow the corresponding steps for registration.

4.1 Creating an Account for MyVigor

4.1.1 Creating an Account via VigorACS SI

1. Click **Programs> VigorACS SI> VigorACS Web Page** to access into VigorACS. The login page of VigorACS will be shown as the following:

Dray Tek	Vigor ACS
Login	
User Name	root
Password	******* Login

2. Please type "**root**" as user name and "**admin123**" as password. Then click **Login**. A License Error dialog appears as follows:

License Error
Your license is invalid or
expired,please go to license server to
activate your license!!
ок

3. Click **OK**. A login page for MyVigor web site will pop up automatically.

OGIN			
UserName :			
Password :			
Auth Code :		AYi GXZ	
	If you cannot read the wo	rd, <u>click here</u>	
	Forget password	_? Login	
Don't have a	MyVigor Account ?	Create an acc	ount now

- 4. Click the link of **Create an account now**.
- 5. Check to confirm that you accept the Agreement and click Accept.





6. Type your personal information in this page and then click **Continue**.

		· · · · · · · · · · · · · · · · · · ·
	Account Informati	ion
Agreement	UserName:*	Mary Check Account
		(3 ~ 20 characters)
	Password:*	••••
2 Personal		(4 ~ 20 characters : Do not set the same as the username.)
Information	Confirm Password:*	••••
	Personal Informat	tion
3 Preferences First Name	First Name:*	Mary
	Last Name:*	Ted
4 Completion	Company Name:	Tech Ltd.
	Email Address:*	mary_ted@tech.com
		Please note that a valid E-mail address is required to receive the Subscription Code. You will need this code to activate your account.
	Tel:	0 -
	Country:*	SWITZERLAND
	Career:*	Supervisor

7. Choose proper selection for your computer and click **Continue**.

1

Register		
Create an account - F	Please enter personal profile.	
O 1	How did you find out about this website?	Internet
Agreement	What kind of anti-virus do you use?	AntiVir
2 Personal	l would like to subscribe to the MyVigor e-letter.	
Information	l would like to receive DrayTek product news.	
3 Preferences	Please select the mail server for receiving the verification mail.	Global Server
4 Completion		<< Back Continue >>

8. Now you have created an account successfully. Click START.



9. Check to see the confirmation *email* with the title of **New Account Confirmation** Letter from www.vigorpro.com.

***** This is an automated message from myvigor draytek.com.*****

Thank you (Mary) for creating an account.

Please click on the activation link below to activate your account

Link : Activate my Account

 Click the Activate my Account link to enable the account that you created. The following screen will be shown to verify the register process is finished. Please click Login.

Register	Search for this site
Register Confirm	
	The Confirm message of New Owner(Mary) maybe timeout Please try again or contact to draytek.com
	Close

11. When you see the following page, please type in the account and password (that you just created) in the fields of **UserName** and **Password**. Then type th

DGIN			
UserName :	Mary		
Password :	••••		
Auth Code :	T4he1C	T4he1C	
	lf you cannot read	t the word, <u>Click here</u>	
	<u>Forget pa</u>	ssword? Login	
Don't have a l	MyVigor Accou	nt? Create an ac	count now

If you are having difficulty logging in, contact our customer service. Customer Service : (888) 3 597 2727 or email to :<u>webmaster@dravtek.com</u>



12. Now, click Login. Your account has been activated.

4.1.2 Creating an Account via MyVigor Web Site

1. Access into <u>http://myvigor.draytek.com</u>. Find the line of **Not registered yet?**. Then, click the link **Click here!** to access into next page.



2. Check to confirm that you accept the Agreement and click Accept.



3. Type your personal information in this page and then click **Continue**.



4. Choose proper selection for your computer and click Continue.

Register		
Create an account - F	lease enter personal profile.	
A	How did you find out about this website?	Internet 🗸
Greement	What kind of anti-virus do you use?	AntiVir
Personal	I would like to subscribe to the MyVigor e-letter.	
Information	I would like to receive DrayTek product news.	
3 Preferences	Please select the mail server for receiving the verification mail.	Global Server
4 Completion		< Back Continue >>

5. Now you have created an account successfully. Click START.



Dray Tek

6. Check to see the confirmation *email* with the title of **New Account Confirmation** Letter from <u>www.vigorpro.com</u>.

***** This is an automated message from myvigor draytek.com.*****

Thank you (Mary) for creating an account.

Please click on the activation link below to activate your account

Link : Activate my Account

7. Click the **Activate my Account** link to enable the account that you created. The following screen will be shown to verify the register process is finished. Please click **Login**.

Register	Search for this site
Register Confirm	
	The Confirm message of New Owner(Mary) maybe timeout Please try again or contact to draytek.com
	Close

8. When you see the following page, please type in the account and password (that you just created) in the fields of **UserName** and **Password**. Then type the code in the box of Auth Code according to the value displayed on the right side of it.

This service is available for MyVigor member only. Please login to access MyVigor. If you are not one of the members of MyVigor, please create an account first.

OGIN		
UserName :	Mary	
Password :	••••	
Auth Code :	T4he1C	T4he1C
	If you cannot read the	word, <u>click here</u>
	Forget passw	ord? Login
Don't have a	MyVigor Account ?	Create an account now

If you are having difficulty logging in, contact our customer service. Customer Service : (886) 3 597 2727 or email to :<u>Webmaster@draytek.com</u>



Now, click Login. Your account has been activated.

Note: To register VigorACS SI, please return to Chapter 3 and follow the corresponding steps for registration.

4.2 Upgrade VigorACS with New License Key

To control and manage the CPEs effectively, the administrator must acquire a new license from DrayTek regularly. Usually, the valid time of the license is one year. You have to renew your license when it is going to be expired.

Please follow the steps listed below to get a new license for your VigorACS SI.

4.2.1 License Is Invalid or Expired

1. Click **Programs> VigorACS SI> VigorACS Web Page** to access into VigorACS. The login page of VigorACS will be shown as the following:

Dray Tek	VigorACS
Login	1.1.1
User Name	root
Password	****
	Login

2. Please type "root" as user name and "admin123" as password. Then click Login. A License Error dialog appears as follows. It indicates that you cannot access into VigorACS SI due to the invalid license. Please purchase a new one and return here to upgrade the license for using VigorACS SI. When you have prepared a new license, click the OK button.





3. A login page for MyVigor web site will pop up automatically. Type your account (user name) and password in this page. Enter the authentication code with the characters displayed on the screen. Then, click **Login.**

This service is available for MyVigor member only. Please login to access MyVigor. If you are not one of the members of MyVigor, please create an account first.
LOGIN
UserName :
Password :
Auth Code : AYI GXZ
If you cannot read the word, <u>Click here</u>
Forget password? Login
Don't have a MyVigor Account? Create an account now
If you are having difficulty logging in, contact our customer service. Customer Service : (886) 3 597 2727 or email to : <u>webmaster@draytek.com</u>

4. MyVigor will verify and authenticate if the user account you typed is allowed to access into the web site. If yes, Device Information will appear as follows. Find and click **Renew** for the service item of ACS.

My Pro Device Info Nickname: c; Host ID: Model: Vi	oduct prmation arrie_yfn igorACS		ſ	Rename Dek	tte Transfer	Back
De	vice's Service	Expired License				
Service	Provider	Action	Status	Start Date	Expired Date	Nodes
🐛 ACS	DT-ACS	Renew	On On	-	(22)	
Means suc Means suc Means suc Means suc Means suc month).	ch service is in use. ch service is not in use ch service has not bee ch service is in use and	activated yet. I will be invalid soon(less than	none Ad	Trial Allows you to ha enew Allows you to re stivate Allows you to a	ave the free trial for servic enew service license. ctivate service.	e.

5. From the page, you can see the basic information for the trial version of VigorACS.

6. You will be guided to the following page. Type the new license number you purchase from the service provider in the corresponding field. And click **Add License**.

Apply For A License Number	
	Cancel
Service Name: ACS	
Service Provider: DT-ACS	
STEP 1	
License Number : FD234-B61E3-3676F-B37B7 Add License	
Tip : Please ensure that the licence key you enter is for the correct (your preferred) service p	rovider.
	Next

7. The new added license number will be displayed on the screen as shown below. Click **Next** for next page.

Apply For <i>I</i>	A License Number			
				Can
Service Na	me: ACS			
Service Pr	ovider: DT-ACS			
STEP 1				
0.121 1				
License	Number :	Add Lice	nse	
Tin com			dame di seco di	
TTP . Pleas	e ensure that the licence key you enter is to	r the correct (your pr	eterred j servi	ce provider.
Flag	License	Provider	Nodes	Status
del	FD234-B61E3-3676F-B37B7	DT-ACS	1000	valid
				Next

8. Check the box of **"I have read and accepted the above..."** and click **Next**.

Confirm Mess	age			
				Canc
User Name :	yfn			
Serial :	20100128013339			
Model:	VigorACS			
Licer	nse Number	Service Provider	Status	Nodes
FD234-B6	1E3-3676F-B37B7	DT-ACS	valid	1000
DrayTek IS 1 UPON THE COI IN THIS LICI BEFORE COMPI SOFTWARE WI	WILLING TO LICENSE NDITION THAT YOU & ENSE AGREEMENT. PL LETING THE INSTALL LL INDICATE YOUR &	THE ENCLOSED SOFTWAR CCEPT ALL OF THE TERM EASE READ THE TERMS C ATION PROCESS AS INST SSENT TO THEM. IF YOU	E TO YOU S CONTAIN AREFULLY ALLING TH DO NOT J	ONLY JED IE
TO THESE TEL	RMS, THEN DrayTek	IS UNWILLING TO LICEN	SE THE	~
	I have read and accept th	he above Agreement. (Please check	this box).	Next



Dray Tek

9. The activation date will be displayed automatically. Simply click **Next**.

Apply For A License Number		
		ancel
Service Name: ACS		
STEP 2		
Activation Date (MM-DD-YYYY):	03-10-2020 Next	

10. A confirm message page will be shown as follows. If there is no problem, please click **Confirm**.

Host ID :				
Activate Date :	2010-03-10			
Expired Date :	2011-03-09			
License	Number / Host ID	Service Provider	Status	Nodes
FD234	I-B61E3-3676F-B37B7	DT-ACS	valid	1000
-			Tot	al: 1000 nodes

11. When the following screen appears, it means the new license for VigorACS SI has been activated. Click **Login to VigorACS**.

Operation	1000 : Service activation	
License id	00001b7a	
Start date	2010-03-10	
Expire date	2011-03-09	
Maxnode	0000020	
Is trial license	No	

12. Click Login to ACS. You will see the following screen with the new license information.

\$ \$				
License Id:	00001b7a			
Start Date:	2010-03-10			
Expire Date:	2011-03-09			
Max Node:	1000			
Is trial license:	No			



4.2.2 License Is Valid Still

1. Click **Programs> VigorACS SI> VigorACS Web Page** to access into VigorACS. The login page of VigorACS will be shown as the following:

Dray Tek	Vigor ACS
Login	
User Name	root
Password	****
	Login

2. Please type "**root**" as user name and "**admin123**" as password. Then click **Login**.

Dray Tek						Vigo	rACS
Essentials	Summar	,		Your r	eliable netw	orking solutio	ons partner
😻 Networks and Devices	👌 Netwo	rk 📿 View					
	Networ	ks And De			Unknown E	Device	
		Managed ne	tworks and de	evices	IP Address	Device Name	Device Type
	-	Total numb	er of networks	:			
		Alarm netwo	orks:				
		Number of a	er or devices: alarmed device				
	Latest A	larms					
🐔 Wizards		Level	Time	Device Na	me Netwo	ork Descrip	tion Action
🔖 Reports							
Inventory Monitor							
Search Device	1						
	¥ 3	3 📰	6 7 i	i ii - 2			



3. Open Help.

Dray Tek		Vigor ACS
Essentials	License Key Information	Your reliable networking solutions partner
📕 Menu	\$ 	
>About VigorACS >Ucense Key Information >Ucense Agreements	License Idi 0000199c Start Date: 2010-01-13 Expire Date: 2011-01-13 Max Node: 20 Is trial license: Yes	

- 4. Click from License Key Information page.
- 5. The welcome screen will be shown as follows. Type the username and password, and click **Login.**

This service is available for MyVigor member only. Please login to access MyVigor. If you are not one of the members of MyVigor, please create an account first.

UserName :	carrie_yfn	
Password :	•••••	
Auth Code :	Vvgxln	Vvgxln
	lf you cannot read	the word, <u>click here</u>
	Forget pas	sword? Login

If you are having difficulty logging in, contact our customer service. Customer Service : (886) 3 597 2727 or email to :<u>webmaster@dravtek.com</u> 6. The following screen will appear. Find and click **Renew** for the service item of ACS.

Nickname : C Host ID : Model : \	rmation :arrie_yfn /igorACS			Rename	Delete Transfer	Back
Service	Provider	pired License Action	Status	Start Date	Expired Date	Nodes
🦕 ACS	DT-ACS	Renew	On On	2010-03-03	2010-04-02	20
Means suc	DI-ACS	Renew		2U1U-U3-U3	2010-04-02 e the free trial for service.	20

7. You will be guided to the following page. Type the new license number you purchase from the service provider in the corresponding field. And click **Add License**.

Apply For A License Number	
[Cancel
Service Name: ACS	
Service Provider: DT-ACS	
STEP 1	
License Number : FD234-B61E3-3676F-B37B7 Add License	
Tip: Please ensure that the licence key you enter is for the correct (your preferred) service provide	ler.
N	ext

8. The new added license number will be displayed on the screen as shown below. Click **Next** for next page.

Apply For A	License Number			
				Cancel
Service Nar	me: ACS			
Service Pro	wider: DT-ACS			
STEP 1				
 License 	Number :	Add Licer	nse	
Tip : Please	ensure that the licence key you enter is for	the correct (your pr	eferred) servi	ce provider.
Flag	License	Provider	Nodes	Status
del	FD234-B61E3-3676F-B37B7	DT-ACS	1000	valid
				Next

9. Check the box of "I have read and accepted the above..." and click Next.

Canc User Name : yfn Serial : 20100128013339 Model : VigorACS <u>License Number</u> <u>Service Provider</u> <u>Status</u> <u>Nodes</u> FD234-B61E3-3676F-B37B7 DT-ACS valid <u>1000</u> DrayTek VigorACS SI Series End-User License Agreement IMPORTANT: DrayTek IS WILLING TO LICENSE THE ENCLOSED SOFTWARE TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS LICENSE AGREEMENT. PLEASE READ THE TERMS CAREFULLY BEFORE COMPLETING THE INSTALLATION PROCESS AS INSTALLING THE SOFTWARE WILL INDICATE YOUR ASSENT TO THEM. IF YOU DO NOT AGREE	User Name : Serial : Model :	yfn			Canc
User Name : yfn Serial : 20100128013339 Model : VigorACS <u>License Number</u> Service Provider Status Nodes FD234-B61E3-3676F-B37B7 DT-ACS valid 1000 DrayTek VigorACS SI Series End-User License Agreement IMPORTANT: DrayTek IS WILLING TO LICENSE THE ENCLOSED SOFTWARE TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS LICENSE AGREEMENT. PLEASE READ THE TERMS CAREFULLY BEFORE COMPLETING THE INSTALLATION PROCESS AS INSTALLING THE SOFTWARE WILL INDICATE YOUR ASSENT TO THEM. IF YOU DO NOT AGREE	User Name : Serial : Model :	yfn			
Serial: 20100128013339 Model: VigorACS License Number Service Provider Status Nodes FD234-B61E3-3676F-B37B7 DT-ACS valid 1000 DrayTek VigorACS SI Series End-User License Agreement Important: Important: Import is willing to License the Enclosed Software to You only upon the condition that You Accept all of the terms contained in this License Agreement. Important is before completing the Installation process as Installing the software will indicate your Assent to them. If you do not Agree	Serial : Model :				
Model: VigorACS License Number Service Provider Status Nodes FD234-B61E3-3676F-B37B7 DT-ACS valid 1000 DrayTek VigorACS SI Series End-User License Agreement IMPORTANT: Important: DrayTek IS WILLING TO LICENSE THE ENCLOSED SOFTWARE TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS LICENSE AGREEMENT. PLEASE READ THE TERMS CAREFULLY BEFORE COMPLETING THE INSTALLATION PROCESS AS INSTALLING THE SOFTWARE WILL INDICATE YOUR ASSENT TO THEM. IF YOU DO NOT AGREE	Model:	20100128013339			
License Number Service Provider Status Nodes FD234-B61E3-3676F-B37B7 DT-ACS valid 1000 DrayTek VigorACS SI Series End-User License Agreement IMPORTANT: Important: Import and the terms contained DrayTek IS WILLING TO LICENSE THE ENCLOSED SOFTWARE TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS LICENSE AGREEMENT. PLEASE READ THE TERMS CAREFULLY BEFORE COMPLETING THE INSTALLATION PROCESS AS INSTALLING THE SOFTWARE WILL INDICATE YOUR ASSENT TO THEM. IF YOU DO NOT AGREE		VigorACS			
FD234-B61E3-3676F-B37B7 DT-ACS valid 1000 DrayTek VigorACS SI Series End-User License Agreement IMPORTANT: DrayTek IS WILLING TO LICENSE THE ENCLOSED SOFTWARE TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS LICENSE AGREEMENT. PLEASE READ THE TERMS CAREFULLY BEFORE COMPLETING THE INSTALLATION PROCESS AS INSTALLING THE SOFTWARE WILL INDICATE YOUR ASSENT TO THEM. IF YOU DO NOT AGREE	Licens	e Number	Service Provider	Status	Nodes
DrayTek VigorACS SI Series End-User License Agreement IMPORTANT: DrayTek IS WILLING TO LICENSE THE ENCLOSED SOFTWARE TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS LICENSE AGREEMENT. PLEASE READ THE TERMS CAREFULLY BEFORE COMPLETING THE INSTALLATION PROCESS AS INSTALLING THE SOFTWARE WILL INDICATE YOUR ASSENT TO THEM. IF YOU DO NOT AGREE	FD234-B618	E3-3676F-B37B7	DT-ACS	valid	1000
	IMPORTANT: DrayTek IS WI UPON THE COND IN THIS LICEN BEFORE COMPLE SOFTWARE WILL	ILLING TO LICENSE DITION THAT YOU AG ISE AGREEMENT. PLI TING THE INSTALL , INDICATE YOUR AS	THE ENCLOSED SOFTWAR CCEPT ALL OF THE TERM EASE READ THE TERMS O ATION PROCESS AS INST SSENT TO THEM. IF YOU	E TO YOU IS CONTAIN AREFULLY VALLING TH J DO NOT A	ONLY ED GREE

10. The activation date will be displayed automatically. Simply click Next.

Apply For A License Number	
	ancel
Service Name: ACS	
STEP 2	
Activation Date (MM-DD-YYYY): 04-03-2010 Next	

11. A confirm message page will be shown as follows. If there is no problem, please click **Confirm**.

Oser Maine .	came_ym			
Host ID :				
Activate Date :	2010-04-03			
Expired Date :	2011-04-02			
License	Number / Host ID	Service Provider	Status	Nodes
FD234	I-B61E3-3676F-B37B7	DT-ACS	valid	1000
~			Tot	al: 1000 no

12. When the following screen appears, it means the new license for VigorACS SI has been added. You can access into VigorACS.

Operation	1000 : Service activation	
_icense id	00001b7a	
Start date	2010-03-03	
Expire date	2010-04-02	
Max node	0000020	
s trial license	Yes	

Note: For the trial version is still in valid period, you will see VigorACS SI with two licenses controlled under My Vigor website.

When the trial version is expired, please click the On (with red light) button to activate the new added license for VigorACS SI.

	evice's Servic	e Expired Lice	ense	Th	ial Version	
ervice	Provider	Action	Status	Star ate	Expired Date	Nodes
🕻 ACS	DT-ACS	Renew	On .	2010-03-03	2010-04-02	20
ACS	DT-ACS	Renew	On	2010-04-03	2011-04-02	1000
Means su Means su Means su Means su Means su poon(less that	uch service is in u uch service is not uch service has n uch service is in u an one month).	se. in use. ot been activated yet. se and will be invalid	se I	Trial Allows yo rvice. Renew Allows yo ctivate Allows yo	u to have the free tri ou to renew service I ou to activate service	al for icense.



5 Troubleshooting

When you try to invoke VigorACS and get the following error message, please locate the file of *"server.log"* from **C:/Program Files/ VigorACS /server/default/log** and send the file to your dealer for further assistance.

at org.jboss.web.tomcat.tc5.Tomcat5.startConnectors(Tomcat5.java:549)
at org.jboss.web.tomcat.tc5.Tomcat5.handleNotification(Tomcat5.java:586)
at sun.reflect.GeneratedMethodAccessor4.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAcces
sorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:585)
at org.jboss.mx.notification.NotificationListenerProxy.invoke(Notificati
onListenerProxy.java:153)
at \$Proxy27.handleNotification(Unknown Source)
at org.jboss.mx.util.JBossNotificationBroadcasterSupport.handleNotificat
ion(JBossNotificationBroadcasterSupport.java:127)
at org.jboss.mx.util.JBossNotificationBroadcasterSupport.sendNotificatio
n(JBossNotificationBroadcasterSupport.java:108)
at org.jboss.system.server.ServerImpl.sendNotification(ServerImpl.java:9
08 >
at org.jboss.system.server.ServerImpl.doStart(ServerImpl.java:497)
at org.jboss.system.server.ServerImpl.start(ServerImpl.java:362)
at org.jboss.Main.boot(Main.java:200)
at org.jboss.Main\$1.run(Main.java:464)
at java.lang.Thread.run(Thread.java:595)
11:45:51,484 INFO [Server] JBoss (MX MicroKernel) [4.0.4.GA (build: CUSTag=JBos
s_4_0_4_GA date=200605151000>] Started in 1m:6s:359ms

For Linux system, please locate the file of "server.log" from

/usr/local/vigoracs/VigorACS/server/default/log/ and send the file to your dealer for further assistance.