

Software Installation

Monitor by the HighPoint GUI/CLI/Web GUI

Installing ROCKETGUARD100

1. Make sure all the hardware connection is ok.
2. Boot into OS and install the driver for HighPoint RAID Controller, which support SAF-TE.
3. Insert the Installation CD-ROM into your CD-ROM drive. Windows runs the CD-ROM automatically. If not,
 - Click start.
 - Select Run
 - Type the following :G:\disk1\setup.exe
 - If G is not your CD diver, substitutes G with the correct drive letter.
 - Click OK.

Click on Next after you see the Figure 1



Figure 1

4. Click on “Next->Yes->Next->Next” will take you to Figure 2.

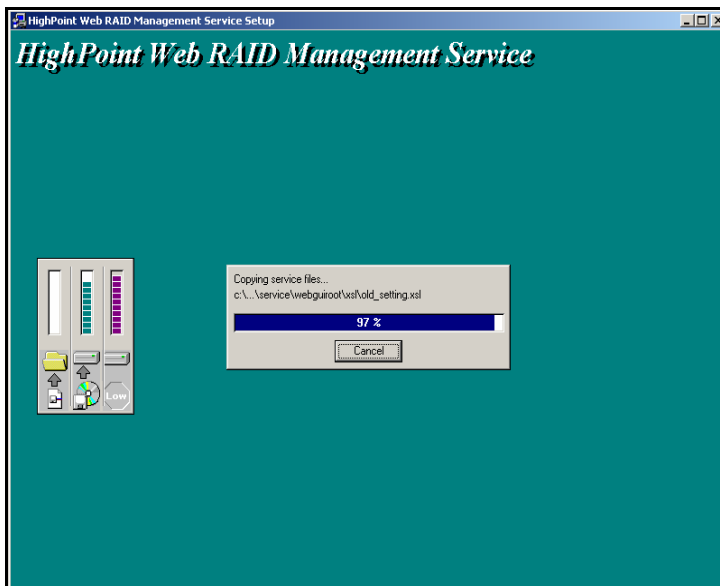


Figure 2

5. When you see the Figure 3 on screen, select “configure with RocketGuard ->Next”.

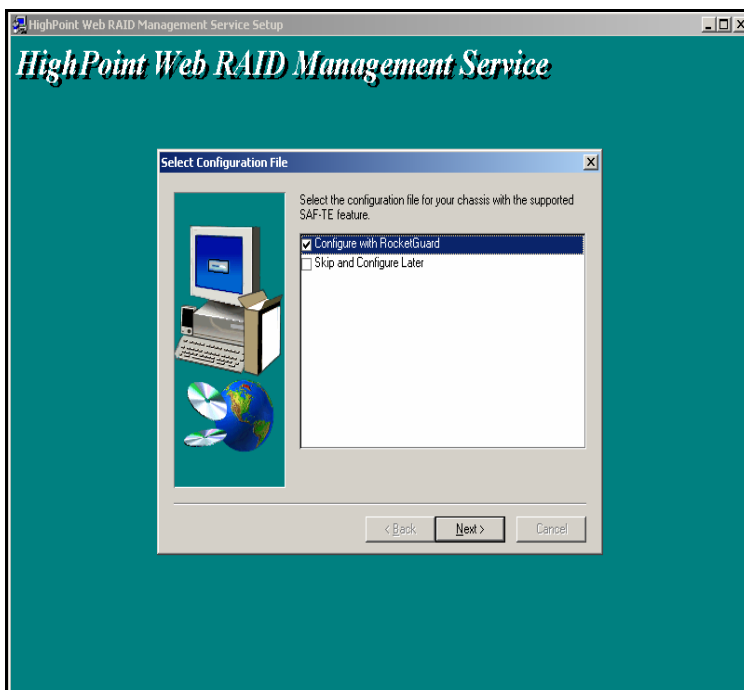


Figure 3

6. When you see the Figure 4 on screen, you can specify a new listening port. Then, select “next”.

Note: the default listening port is “7402”, you’d better do not modify it.

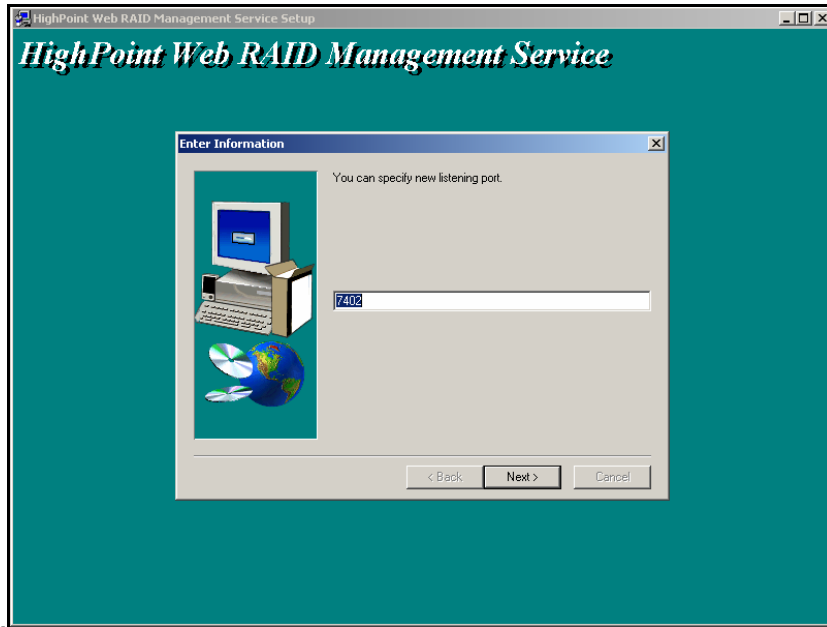


Figure 4

7. When you see the Figure 5 on screen, you can restrict to localhost access (disable remote administration).

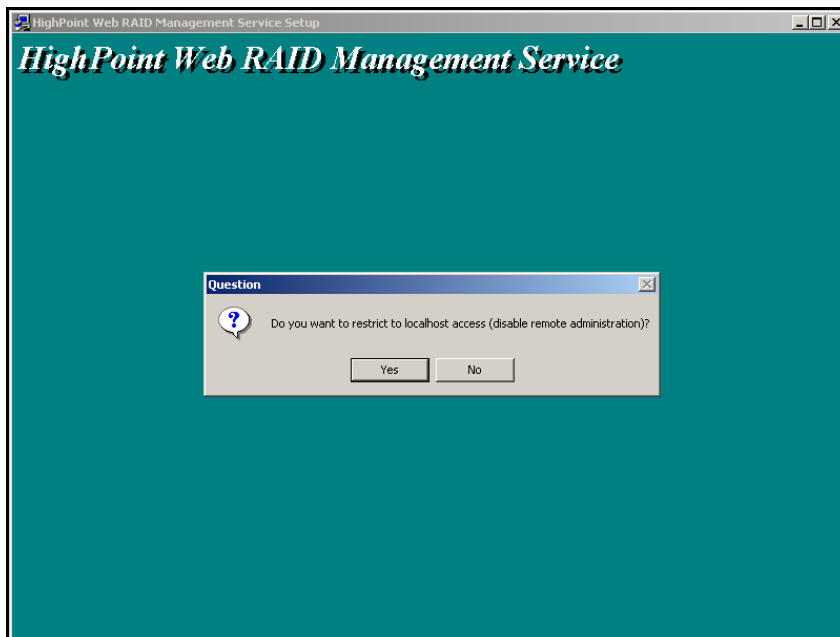


Figure 5

8. Click on “ok” when the Figure 6 on screen.

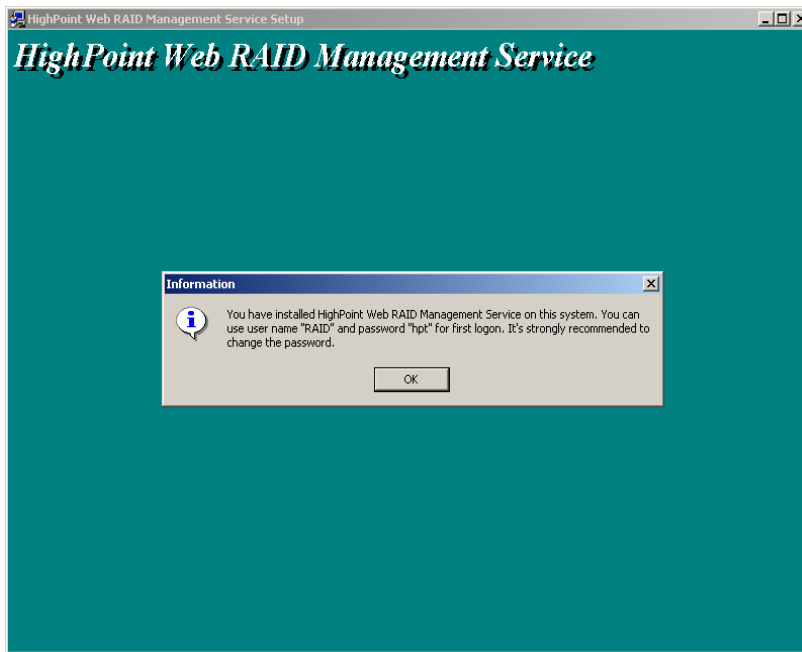


Figure 6

9. Click “finish” button when you see a finish Install Dialog will pop up in Windows. (See the figure7 below).

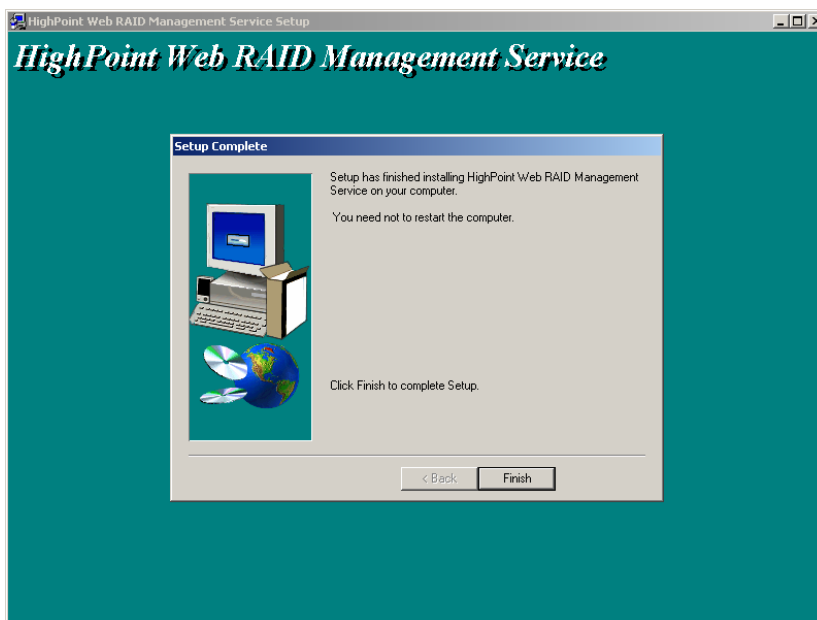


Figure 7

Managing the ROCKETGUARD 100

Click on the HighPoint web RAID management shortcut icon on the desktop. After opening the program, you will see Figure 8 screen below. Enter the user name and password.

Note: The default Login User Name is “RAID” and Password is “hpt”



Figure 8

Click on “Manage” (on the top of window) and select “SAF-TE Enclosure”.



Figure 9

After you click on "SAF-TE Enclosure", it will bring up the manage screen (see the figure10 below). It will list out all the components and their status which attached to the ROCKETGUARD 100.



Refresh

SAF-TE Enclosure Information


Health Information(Enclosure and Power Supply)

Enclosure Information:

(Enclosure Temperature):

Status: Good!

Mute Buzzer







Temperature Threshold:

60 C

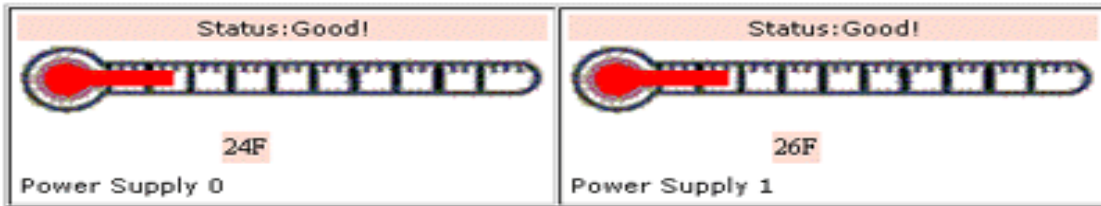
Enter

(Enclosure Fan Status(RPM)):

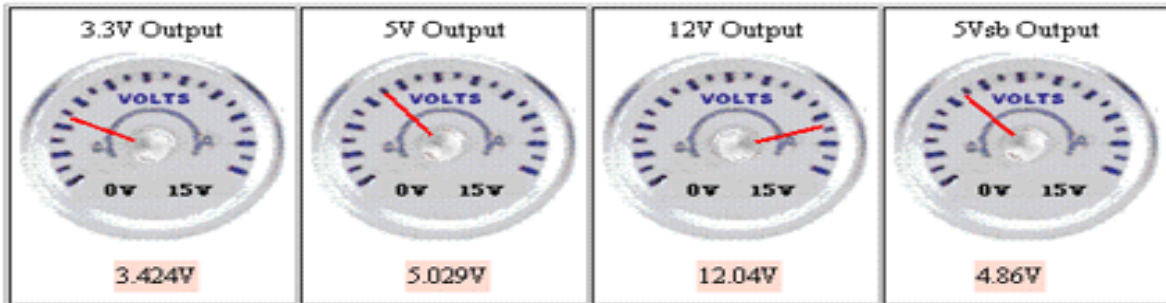
Fan 1	Fan 2	Fan 3	Fan 4	Fan 5	Fan 6
					
9200RPM	2250RPM	2250RPM	3050RPM	0RPM	0RPM

Power Supply Information:

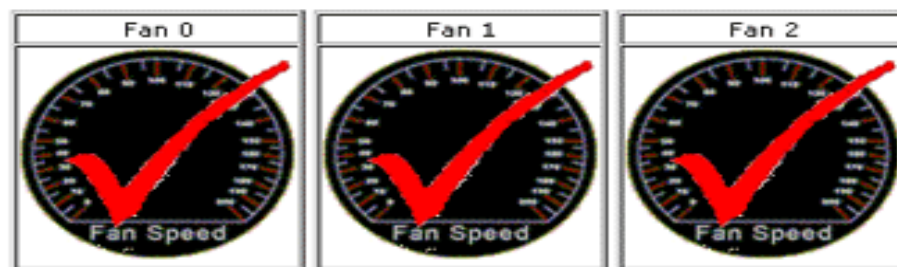
Power Supply Model: ZIPPY R3G-6650P
Power Supply Status: OK
(Power Supply Temperature)



(Power Supply Voltage)



(Power Supply Fan Status):



Monitoring Fan Status and Speed Control

- a) Reporting current Fan Speed
- b) Support maximum up to 6 fans
- c) Speed range is from 0 to 25000rpm, the fan speed is determined by chassis temperature. (If Threshold Temperature < Chassis temperature then Fan speed will be changed to full-speed or otherwise)
- d) There 3 types Fan events will be displayed on GUI:



Normal



Broken/Failed Fan

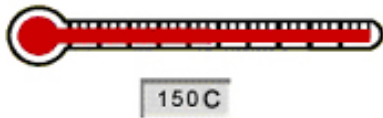


no Fan attached found

- e) When broken Fan occurred email will be sent address user the failing fan.

2) Detecting Chassis Temperature

- a) Reporting current Chassis Temperature



3) Configurable Temperature Threshold

- a) Customizable safe temperature limit to different System Environment.
- b) Temperature detector will consider Threshold as higher safe limit, Temperature is considered overheated if beyond this limit. Otherwise is Good Temperature.
- c) User can either set a new Threshold or keep the default setting at 60°C:



Reporting failure through email

There are 3 types of E-Mail Notifications:

- a) Any Operations by User belong to "Information",
- b) chassis is overheated and Fan is broken belong to "Warning"
- c) RAID is broken or disk is fail belong to "Error"

4) Alarm On and Off

Alarm will be triggered under the following events:

- a) Chassis overheated (Temperature above Threshold)
- b) Broken RAID

Alarm turned off under the following events:

- a) When Chassis temperature dropped lowered than Threshold

b) Click on Mute button



c) Replaced failed Disk or broken RAID fixed

5) **Reporting Power Supply status:**

a) Fan

i) Report current Fan Speed

ii) There are 2 types of Fan status will be displayed on GUI:



Normal working Fan

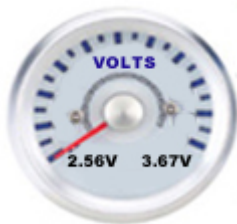


Failed Fan

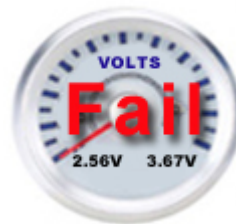
b) Voltage

i) Reporting Voltage Usage

ii) There are 3 Voltage status displayed on GUI:



Normal Status

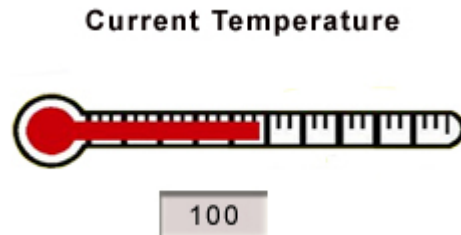


Failed Power Supply

C) Temperature

i) Reporting current temperature

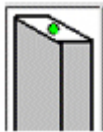
ii) There is 1 Temperature status displayed on GUI:



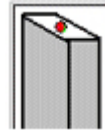
7) Hard Disk Status:

i) Reporting number of disk attached to the HighPoint RAID Host Adapter.

ii) There are 2 types of status will displayed on GUI:



Working Hard Disk



Failed Disk