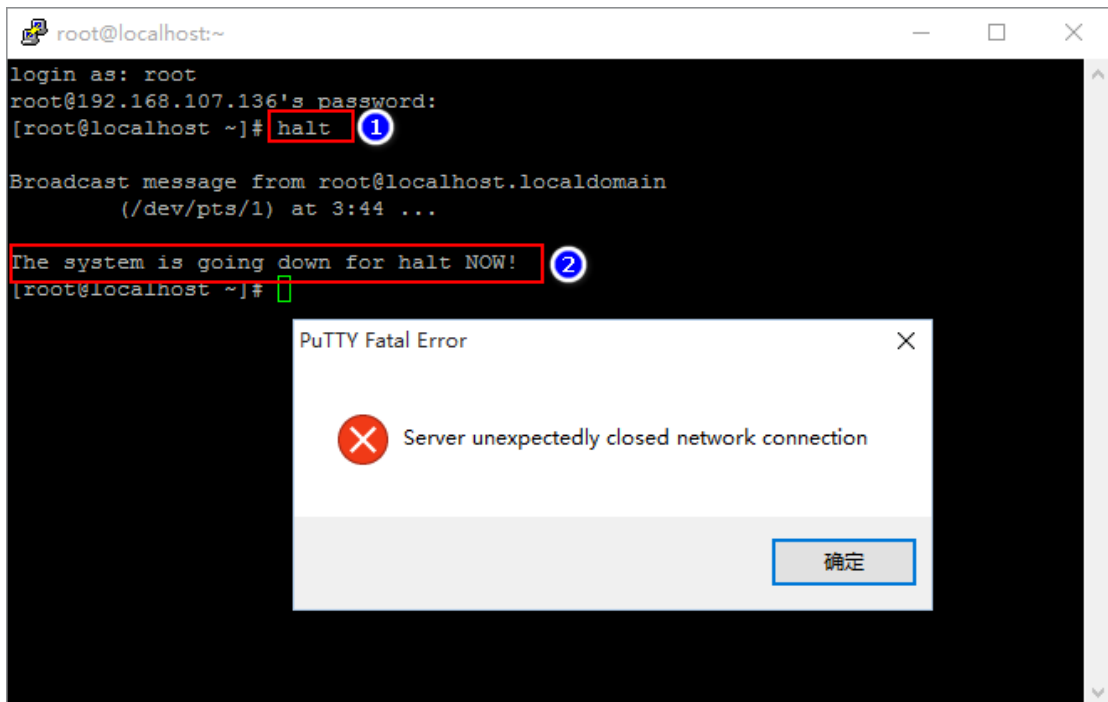


1. Check if the SSH shutdown function in remote system works well.....	2
2. ViewPowerPro.....	2
3. View Power	5
4. SNMP WEB PRO	6
5. LOAD IS ESXI	7

1. Please check if the SSH shutdown function in remote system works well.

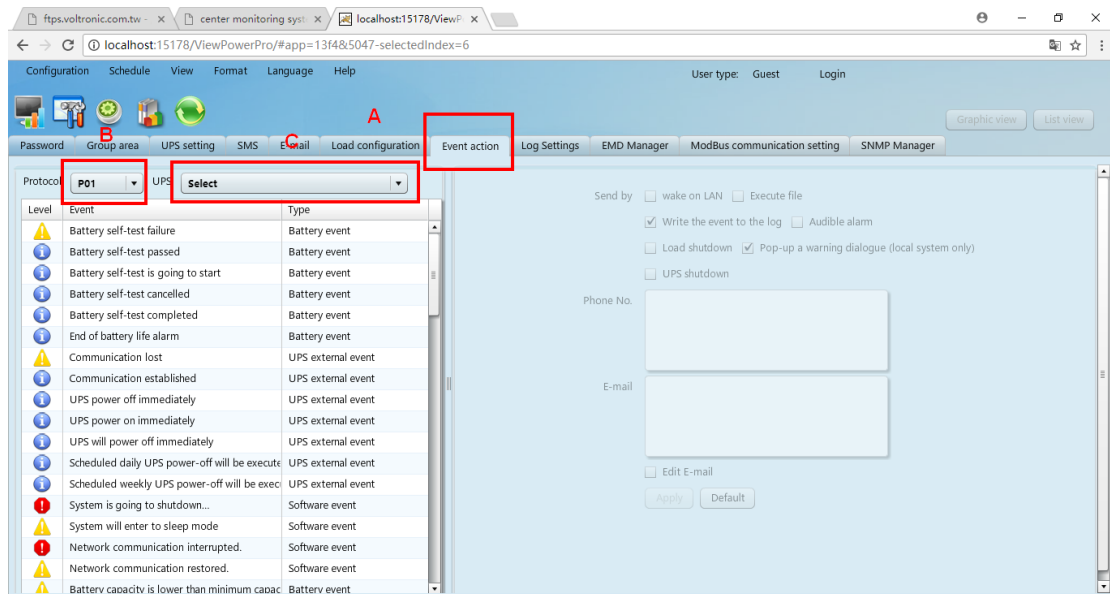
Please try to connect to the PC to shutdown it via SSH tool (such as 'putty' or 'Secure Shell Client' and so on.).Please refer to the image as below: while you log on the remote system, please enter the command '**halt**' to try to shutdown it. If the remote system is shutdown and the tool return the word like signed 2 shows, this means the remote system SSH shutdown function work well. Then the monitor software could shutdown the remote system if it's necessary.



2. ViewPowerPro

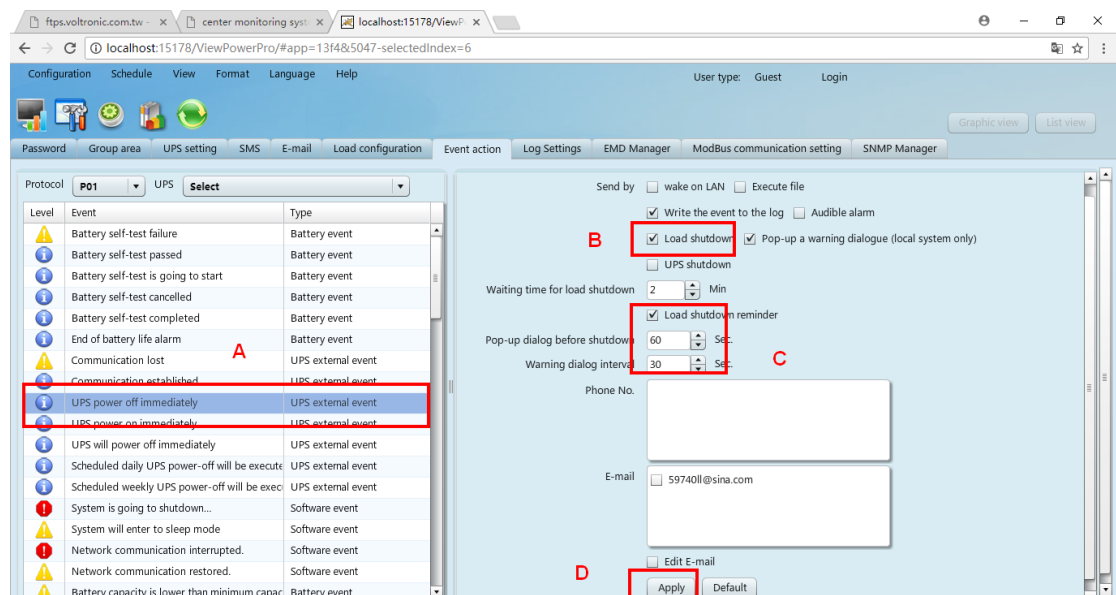
2.1. Please select a ups as below

- Select the Event action
- Select the UPSs' protocol like P01、 P02 ...
- Select the ups you want to bind the remote PC to shutdown.

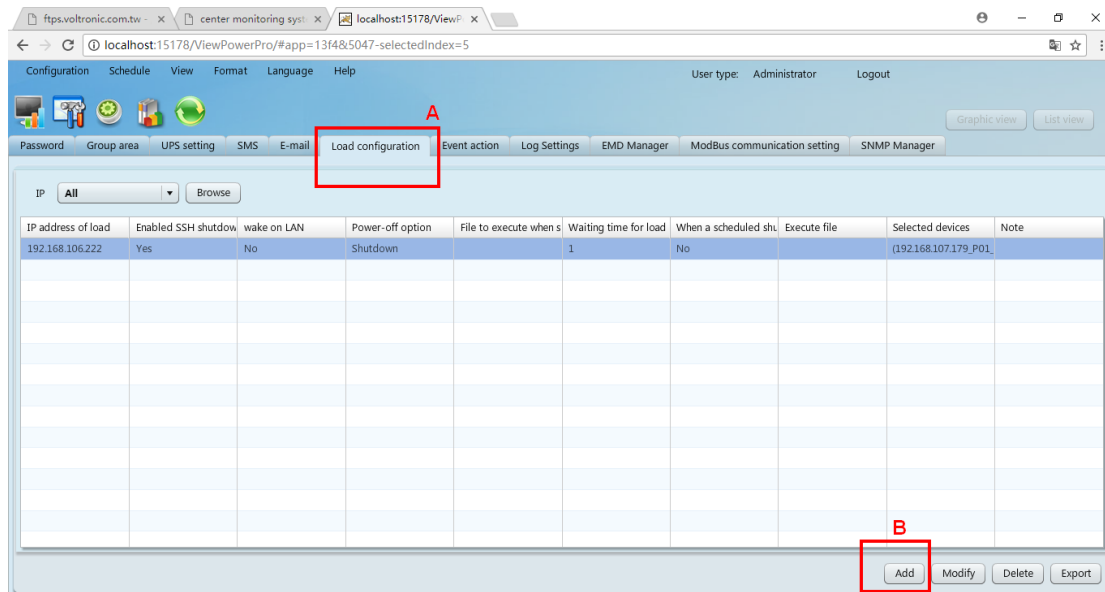


2.2. Then you can choose the event as below:

- Select a ups event which will be happened
- Make sure the load shutdown is selected
- You can select the load shutdown reminder or not. if select it, you can catch the reminder message while the SSH shutdown happens
- Click the 'apply' button to save the configuration.

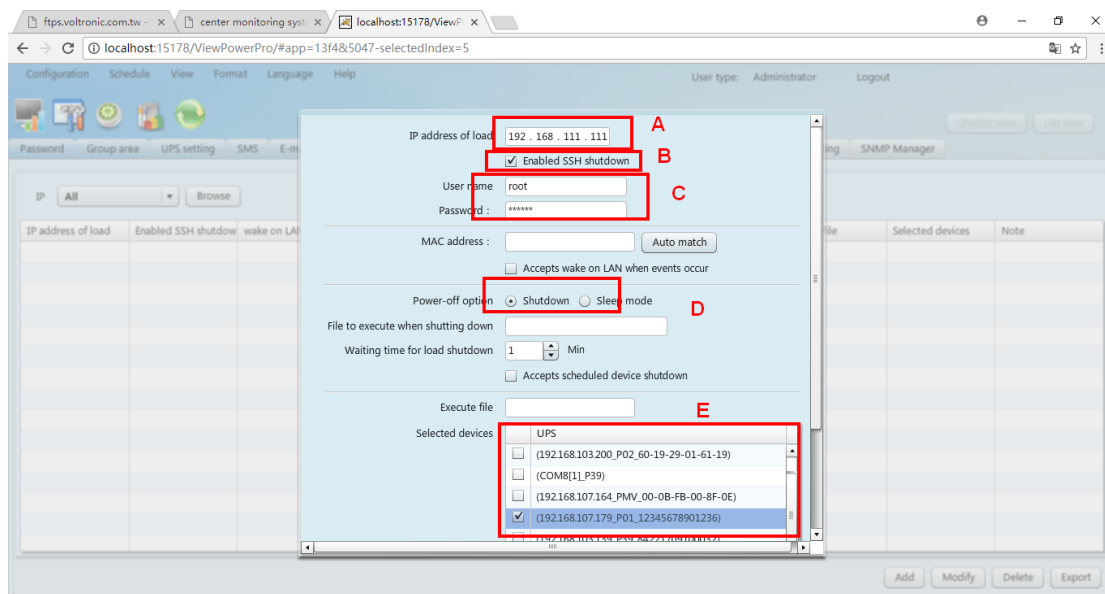


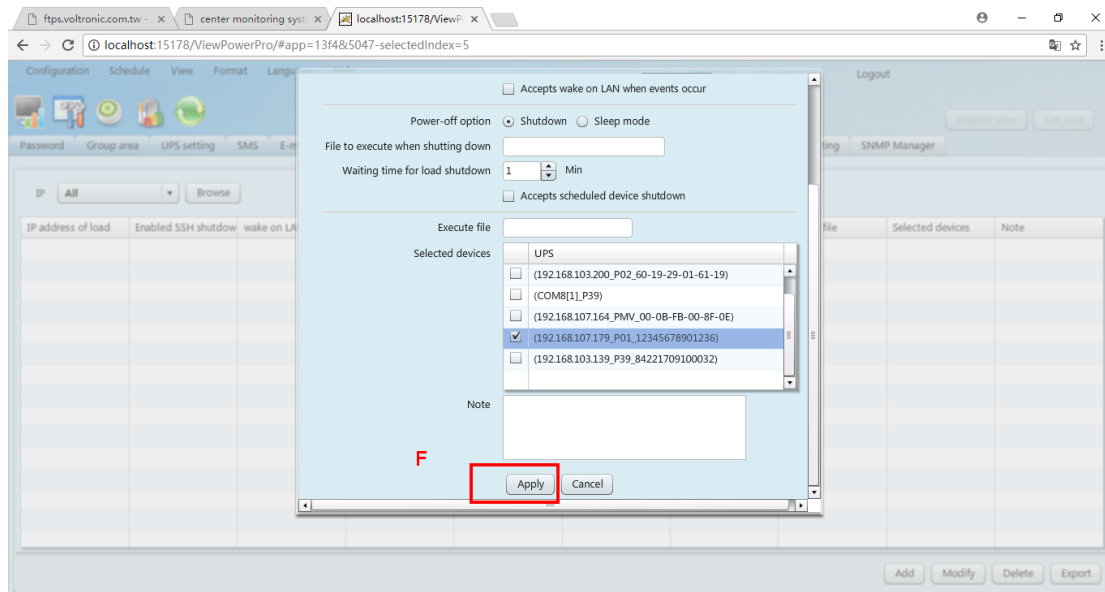
2.3. Click the load configuration and click the add button as below:



2.4. Config the remote load

- Enter the remote system's IP which you want to shutdown via SSH
- Select the Enabled SSH shutdown
- Enter the pc's user (only allow the root) and password.
- you can choose shutdown or sleep the remote pc(also is the IP you entered at sign A)
- Here, you must choose the ups when you select on step 1.
- Then click the 'apply'





2.5. If you have finished all operations, the SSH shutdown will be working if the event happens.

3. View Power

- 3.1. Please choose the remote shutdown conditions as signed 1 or signed 2 shows.
- 3.2. Please enable the SSH shutdown function as the mark 3 show
- 3.3. Please enter the remote system's username, password and IP address as signed 4 shows
- 3.4. Please click the 'add' to add this remote system to s list as the next image shows
- 3.5. Please click the 'Apply' button to save the whole configuration about SSH shutdown.

ViewPower User type: Administrator Logout Change Password

UPS MENU ▲ Monitored UPS: USB (id=2F2077B1_P01) English

UPS settings >> Remote shutdown

Conditions

☒ When the UPS is running from the battery ①

Shut down the remote system after 1.0 Min 0 Sec.

☐ Immediately shut down the following remote systems when the battery is running low ②

☒ Enabled SSH shutdown ③

User name: root ④

Password: *****

Remote system IP: 192.168.107.100

Remote system IP	Username	Password	Enabled SSH shutdown
192.168.107.100	root	*****	true

⑤ Add Delete

⑥ Apply Default

4. SNMP WEB PRO

4.1. Select the 'shutdown' to add the remote system before to shutdown it.

please enter the remote shutdown system's IP, username, password (please make the SSH shutdown is checked) before click the 'apply' button

SNMP Web Pro 1.1 Shutdown Logout Administrator

Your script list below:

No script available!

select No file selected!

*You can enter script name in command field if you want to execute it by SSH.

*If you are using the ShutdownWizard 1.16 and above please check AES encryption.

	IP address	AES encryption	SSH shutdown	User name	Password	Command	Apply	Delete	
01:	192.168.107.100	☐	☒	root	*****	halt	Apply	Delete	0
02:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	0
03:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	0
04:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	0
05:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	0
06:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	0
07:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	0
08:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	0
09:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	0
10:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	1
11:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	1
12:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	1
13:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	1
14:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	1
15:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	1
16:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	1
17:	0.0.0.0	☐	☐	root	*****	halt	Apply	Delete	1

4.2. please open the Event action page to config the shutdown event.

a) Select the condition as singed 2 shows.

b) please click the 'apply' button to save it.

SNMP Web Pro 1.1

Event action Logout Administrator

Information

Status

Basic information

UPS setting

Parameters setting

Control

Real-time control

System configuration

Web

E-mail

SMS

Upload

Wake on LAN

Shutdown

Event action 1

Scheduled

System time

SNMP configuration

Log

Event log

Data log

Help

Serial Port Debug

Firmware Upgrade

2

☒ Shutdown the PC while battery mode.

Shutdown PC: ☒ after 1800 Sec ☐ battery capacity is less than 20 %.

Time needed for shutting down the PC 120 Sec.

The PC should: ☒ Shutdown ☐ Go to sleep

☐ Also power off the UPS after shutting down the PC.

Apply 3

☒ Shutdown the PC while low battery. Apply

☐ Wake on LAN while AC recovery. Apply

☒ Send E-mail while any UPS's event occurs. Apply

☐ Send SMS while any UPS's event occurs. Apply

☐ Shutdown the PC while temperature upper limit 55 °C Apply

EMD alarming temperature upper limit 99.9 °C Apply

EMD alarming humidity upper limit 100.0 % Apply

EMD alarm reset Apply

Data record interval 60 Sec. Apply

Select events to send SMS and email Apply

☐ Select all/unselect all Event Code Descriptions

001	☒ F001	Bus voltage not within default setting
002	☒ F002	Bus voltage over maximum value
003	☒ F003	Bus voltage below minimum value
004	☒ F004	Bus voltage differences out of acceptable range
005	☒ F005	Bus voltage of slope rate drops too fast
006	☒ F006	Over current in PFC input inductor
007	☒ F017	Inverter voltage not within default setting

5. LOAD IS ESXI

5.1. Make sure your ESXI OS allow the Password Authentication. Please check as below: `cat/etc/ssh/sshd_config`. If the word marked 1 shows "no", please modify it to "yes", and then restart the SSH server by `/etc/init.d/SSH restart`.

```
192.168.107.182 - PuTTY
[root@baiyw-pc:~] cat /etc/ssh/sshd_config
# running from inetd
# Port 2200
Protocol 2
HostKey /etc/ssh/ssh_host_rsa_key
HostKey /etc/ssh/ssh_host_dsa_key

UsePrivilegeSeparation no

SyslogFacility auth
LogLevel info

PermitRootLogin yes

PrintMotd yes
PrintLastLog no

TCPKeepAlive yes

X11Forwarding no

Ciphers aes128-ctr,aes192-ctr,aes256-ctr,3des-cbc

MACs hmac-sha2-256,hmac-sha2-512,hmac-sha1,hmac-sha1-96

UsePAM yes
# only use PAM challenge-response (keyboard-interactive)
PasswordAuthentication yes
Banner /etc/issue

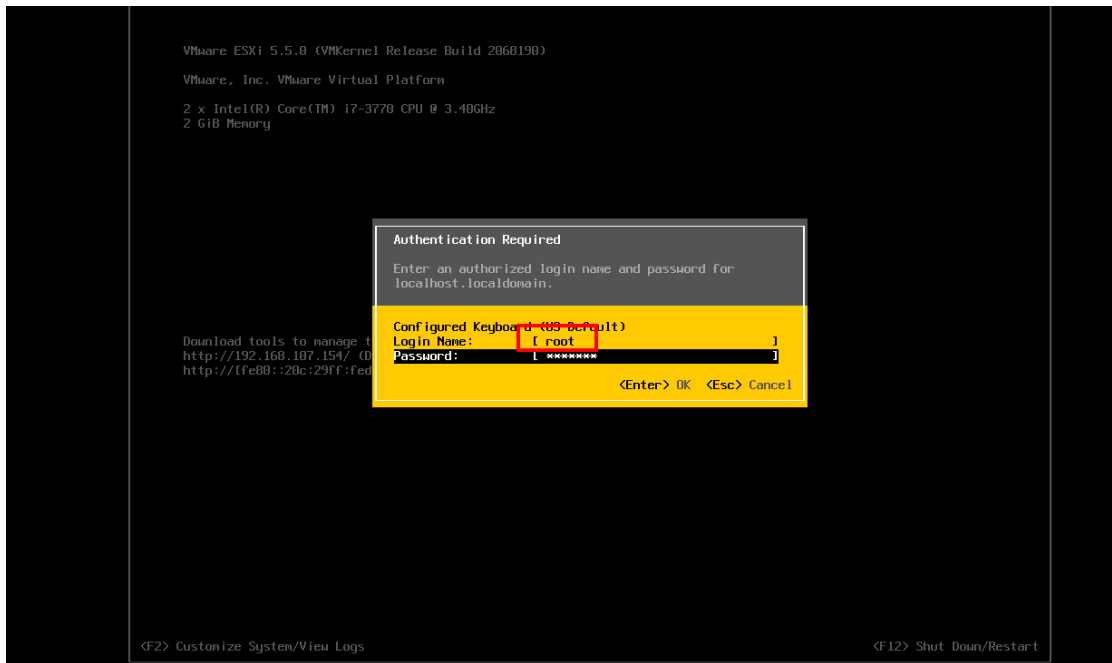
Subsystem sftp /usr/lib/vmware/openssh/bin/sftp-server -f LOCALS -l INFO

AuthorizedKeysFile /etc/ssh/keys-%u/authorized_keys

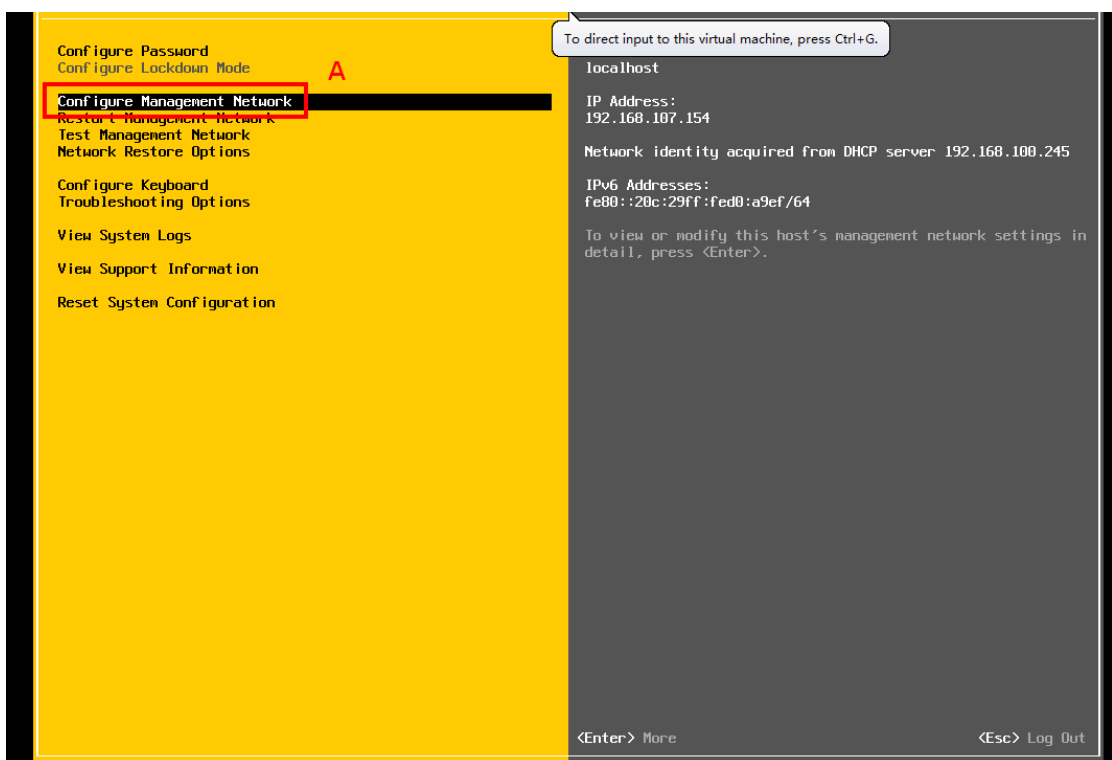
# Timeout value of 10 mins. The default value of ClientAliveCountMax is 3.
# Hence, we get a 3 * 200 = 600 seconds timeout if the client has been
# unresponsive.
ClientAliveInterval 200

# sshd(8) will refuse connection attempts with a probability of "rate/100"
# (30%) if there are currently "start" (10) unauthenticated connections. The
# probability increases linearly and all connection attempts are refused if the
# number of unauthenticated connections reaches "full" (100)
MaxStartups 10:30:100
[root@baiyw-pc:~]
```

5.2. Log on your system on root



- 5.3. Please enter the key F2, and then select the Configure Management Network sign A and enter this as below. You can set network configuration, it's necessary to realize SSH remote shutdown.

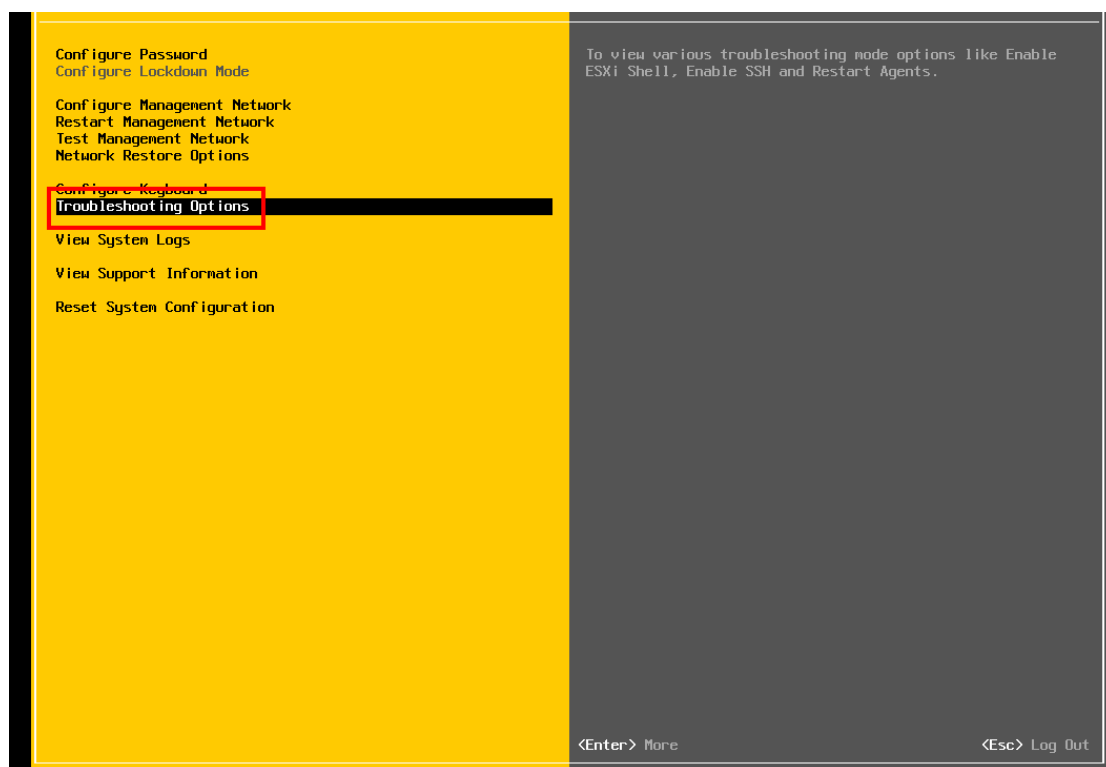


5.4. Network configuration

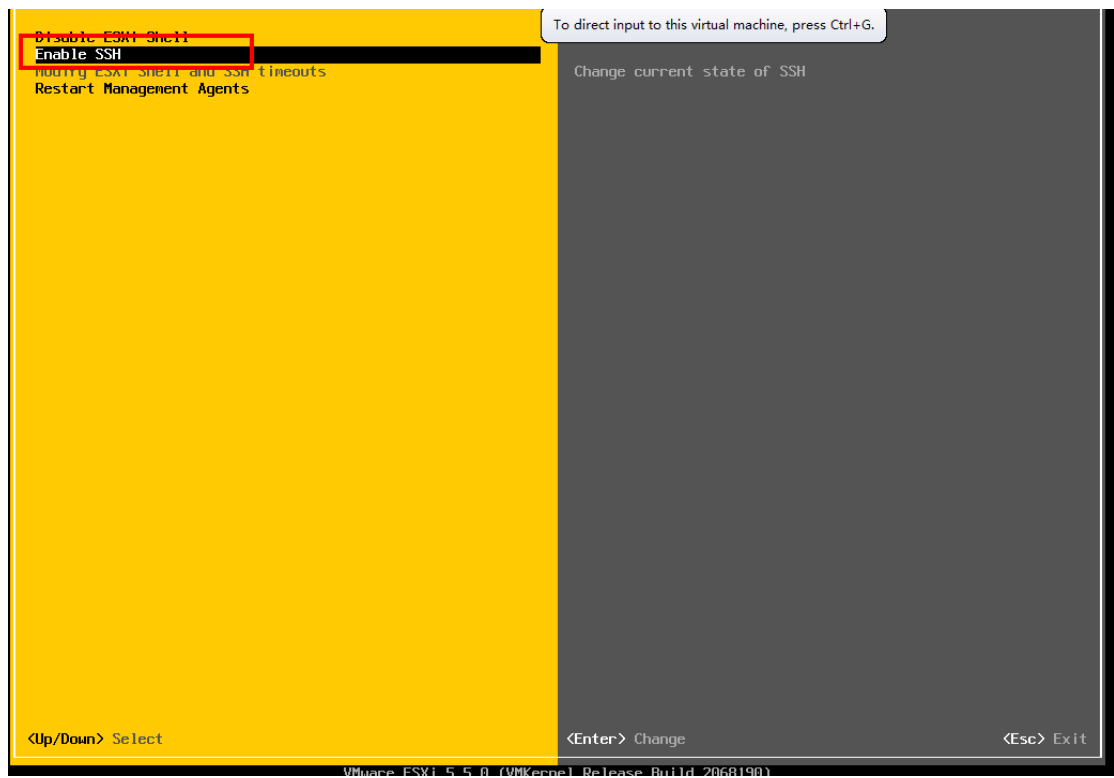
Choose the IP Configuration, and then you can see the IP Configuration panel, and set the IP to make sure the ESXi can be found by monitor software.



5.5. return to the interface as step 3.3, and select the Troubleshooting Options



5.6. Enter this options, you can see the Enable SSH, please press the 'Enter' key to enable SSH (if it shows 'Disable SSH', it means that the SSH function is enabled, please do nothing)



5.7. Finally, all the operations were finished.