Shutdown Wizard

Installation Guide

Version 2.0

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1. Introduction

Integrated with ViewPower, ViewPower Pro or SNMP Web Pro software, ViewPower shutdown wizard is a highly specialized and designed tool to perform shutdown task. It will activate UDP service through port no. 31234 & 41234 to accept shutdown command to shut down local PC from remote system with ViewPower or ViewPower Pro installed.

2. Shutdown Wizard Install, Quick Start, Exit and Uninstall

2-1. System Requirement

- 256 MB physical memory at least (512 MB is recommended)
- 200MB hard disk space at least
- Administrator authority is required
- More than 16-bit colors and 800 x 600 or above resolution display is recommended
- TCP/IP protocol must be installed for network management
- Platforms supported by software are listed below:
 - > Windows Server 2012 / 2016 / 2019 (32 bit & 64 bit)
 - Windows 7 / 8 / 10 (32 bit & 64 bit)
 - > Windows SBS 2011 (32 bit & 64 bit)
 - Linux RedHat Enterprise AS3 / AS5 / 5 / 8 /9 (32 bit)
 - > Linux RedHat Enterprise AS6 (32 bit & 64 bit)
 - Linux Cent OS 5 / 6 / 7 (32 bit & 64 bit)
 - Linux Cent OS 8 (64 bit)
 - Linux Ubuntu 8 / 9 (32 bit)
 - Linux Ubuntu 11 /18 / 19 / 20 (64 bit)
 - Linux Ubuntu 10 / 12 / 14 / 15 / 16 (32 bit & 64 bit)
 - Linux Mint 14.x /19.x (32 bit)
 - Linux Mint 19 / 20 (64 bit)
 - Linux Fedora 5 / 17 (32 bit & 64 bit)
 - Linux Fedora 33 (64 bit)
 - Linux OpenSUSE 10 / 11 / 12 / 13 (32 bit & 64 bit)
 - Linux Debian 6.x / 8.x / 10.x (32 bit)

- Linux Debian 6 / 7 / 8 / 10 (64 bit)
- Mac OS 10.6 / 10.7/ 10.8/ 10.9/ 10.10/ 10.11/ 10.12/ 10.13/ 10.14/ 10.15/ 11.0 (64 bit)

2-2. Software Install

Step 1 Insert the software CD into CD ROM. Installation menu will be automatically displayed, or you can run autorun.exe to start the installation in CD directory. Refer to the diagram 2-1.



Step 2 It will show the following screen as Diagram 2-2. Then Click "Shutdown Wizard" button to start the installation.

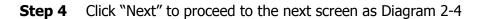


Diagram 2-2

Step 3 After clicking install, it will display the installation in process, Refer to Diagram2-3:

InstallAnywhe	re	
ځ	InstallAnywhere is preparing to install	
	40%	
	Cancel	
_L		

Diagram 2-3



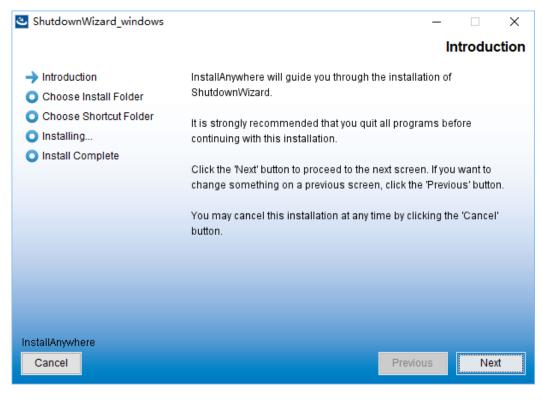


Diagram 2-4

Step 5 Click "Choose" button to change the default folder. After choosing the installed folder, click "Next" button. Refer to the following diagram 2-5.

ShutdownWizard_windows		_	· 🗌	Х
		Choose	Install Fo	older
 Introduction 				
🔶 Choose Install Folder	Please choose a destina	ation folder for this installatior	1.	
Choose Shortcut Folder				
🔘 Installing				
Install Complete				
	Where Would You Like to	o Install?		
	h:\ShutdownWizard			
		Restore Default Folder	Choose	
InstallAnywhere				
Cancel		Previous	Nex	t
		Trevious		-

Diagram 2-5

Step 6 Choose the shortcut folder and click "Next" button. Refer to the following diagram

2-6.

🕙 ShutdownWizard_windows				_		Х
		(Choose Shortcut Folder ct icons?			
 Introduction 	Where would you like to create	e produc	t icons?			
Choose Install Folder	In a new Program Group:	Shutdo	wnWizard			
 Choose Shortcut Folder Installing 	◯ In the Start Menu					
Install Complete	◯ On the Desktop					
	◯ In the Quick Launch Bar					
	O Other:				Choose.	
	◯ Don't create icons					
	Create Icons for All Users	5				
InstallAnywhere			_			
Cancel			Previo	us	Insta	

Diagram 2-6

Step 7 Click "Install" button to start the installation and refer to Diagram 2-7

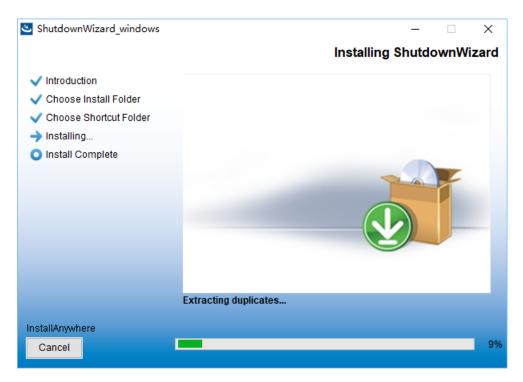


Diagram 2-7

Step 8 Click "Done" button to confirm the installation completely as Diagram 2-8.

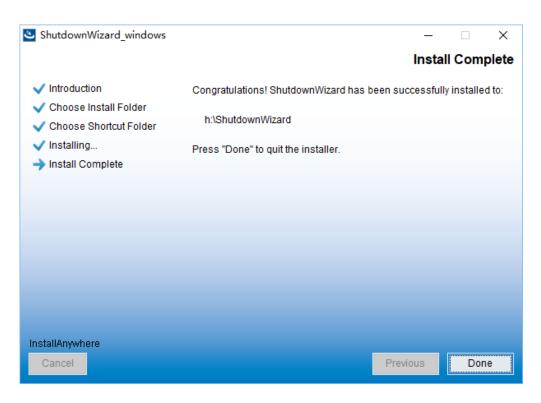


Diagram 2-8

Step 9 User can see following icon after completion the installation.



Diagram 2-9

2-3. Start up

Double click the icon or click the start menu with following steps: Start >> All Programs >> Shutdown Wizard >> Shutdown Wizard running program, it will pop out following icon.



Diagram 2-10a

For Linux OS without Graphical, user should run the file under the installed folder called "StartConsole", please refer to Diagram 2-10b

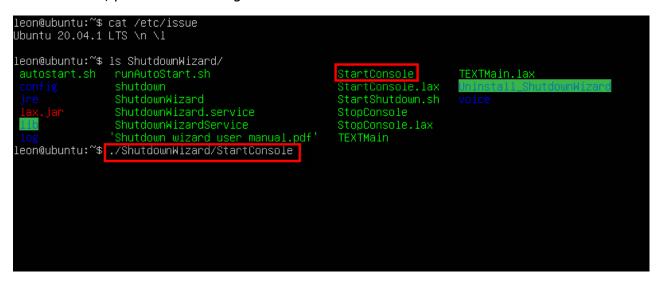


Diagram 2-10b

2-4. Configuration

1) Click the right button on the icon of Shutdown Wizard and it will pop up the menu for Configuration. Please refer to Diagram 2-11.



Diagram 2-11

2) Then, ShutdownWizard configuration interface will be displayed as shown in Diagram 2-12.

Δ	•
~	

Option	Explanation
Accept shutdown command from remote	Only accept instructions from designated
systems	IP address
	Part B is to add designated IP address
Accept the shutdown command from all	Accept instructions from any IP address.
hosts	

B: Enter IP address in the left side; click "Add" to be added to the right side.

C: This is to set shutdown delay time and the frequency for reminding notification. D:

Option	Explanation
Follow the host instruction	Execute as the host instructed.
Execute the local file	Execute local script or program.

E: Click Apply to save the changes.

🗳 ShutdownWizard 1.16	_		\times
Language			
 Accepts the shutdown comma Accepts shutdown command f 			$ms\mathbf{A}$
192.168.0.1	127.0.0.1		
Add Del B			
I shutdown delay time 40 →	seconds	~	
✓ shutdown alarm,interval 10	seconds	s C	
Excute file:			
 Follow the host instruction 	D		
○ Excute the local file D:\works	pace3\Shu	tdov	
	Е	Арр	oly

Diagram 2-12

2-5. Exit

Right click Shutdown Wizard icon, it will pop out the following menu. Please select Exit to close it.

2-6. Un-installation

Select Shutdown Wizard >> Uninstaller.exe. It will pop out the un-installation icon to indicate steps on un-installation.

3. Shut down the system

This shutdown wizard can execute shutdown command by integrating with ViewPower, ViewPower Pro or SNMP Web Pro. All shutdown procedures will be described in this chapter based on different software.

3-1. Integrated with ViewPower.

Open ViewPower software and click UPS MENU \rightarrow UPS settings \rightarrow Remote shutdown as shown in Diagram 3-1.

ViewPower	x +		-	٥	×
\leftrightarrow \rightarrow C (i) local	ilhost:15178/ViewPower/monitor?314		0 7 ☆	۲	:
ViewPowe	er User type: Administrator	Logout	Change F	Password	
UPS MENU	🔺 🍶 👔 🖙 🥝 🔍 📀 Monitored UPS: USB (id=104F	9384_P01) E	English		•
-	UPS settings >>> Remote shutdown •				
	When the UPS is running from the battery	•			
	Shut down the remote system afte 10 🗘 Min 0 🗘 Sec. 🔕				
8	mmediately shut down the following remote systems when the battery is running low				
	Enabled SSH shutdown				
	User name:				
	Password:				
	Remote system IP: 192.168.0.1				
	Remote system IP Username Password Enabled SSH shutdown				
	Add Delete	-			
	Apply	Default			

Diagram 3-1

There are two shutdown selections to choose.

- When the UPS is runngin from the battery: If selected, the UPS will remotely shut down the system when entering battery mode. In remark 2, enter the delay time for shutting down the system.
- Immediately shut down the following remote systems when the battery is running low: If selected, the UPS will remotely shut down the system when the battery is in low battery status.

After select shutdown method, be sure to enter IP address of remote PC in remark 4 and click "Add" button to add IP address. Then, click "Apply" button to save all settings.

The UPS will execute shudown command based on your setting.

3-2. Integrated with ViewPower Pro

Open ViewPower Pro software and click Configuration→Load configuration as shown in Diagram

3-2. Iocalhost:15178/ViewPowerPr⊂ × + $\sigma \times$ ← → C ③ localhost:15178/ViewPowerPro/#app=13f4&5047-selectedIndex=5 ☆ 음 : Lan Logi 🛐 🥝 指 🕤 Load configuration Group area UPS setting SMS E-mail Log Setting ModBus communication setting SNMP Manager IP AII Browse IP address of load Enabled SSH shutdow wake on LAN Power-off option Note File to execute when s Waiting time for I Add dify Delete Export Diagram 3-2

Click "Add" button and it will pop up a message screen as shown in Diagram 3-3. Enter IP address of shutdown PC in remark 1 and waiting time to send shutdown command in remark 2. Then, choose selected UPSs in remark 3. When selected event occurs (check the following section for Event Action setting) on selected UPSs (in remark 3), ViewPower Pro software will send shutdown command to shutdown PC in remark 1. Click "Apply" button to save all settings.

Iocalhost:15178/ViewPowerPro × +		- ø ×
\leftarrow \rightarrow C (1) localhost:15178/ViewPowerPro/#ap	p=13f4&5047-selectedIndex=5	☆ 👶 :
Configuration Schedule View Format Language	IP address of load	gout Criptic unit NMP Manager
P address of load Enabled SSH shutdow wake on LA	MAC address : Accepts wake on LAN when events occur Power-off option • Shutdown • Sleep mode File to execute when shutting down Waiting time for load shutdown 1 • Me Selected devices • UPS Selected devices UPS V (19216810781 P01 01234567890123) • V Note Note	Selected devices Note
·	ш — Л.•]	Add Modify Delete Export

Diagram 3-3

Then, click "Event Action" webpage as shown in Diagram 3-4. Follow below steps to configure "Event Action".

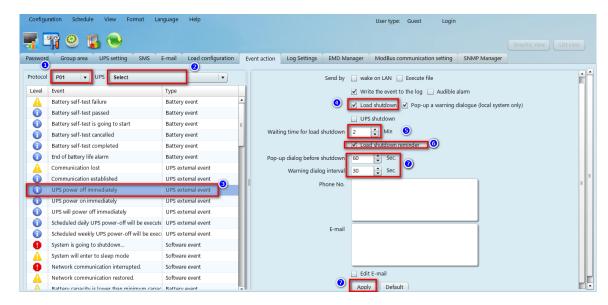


Diagram 3-4

- 1). Select setting Protocol in remark 1.
- 2). Select UPS name from remark 2.
- 3). Select one event from event list as shown in remark 3.
- 4). Click the checkbox of Load shutdown in remark 4.
- 5). Enter waiting time in remark 5.
- 6). You may choose shutdown reminder in remark 6. If clicked, be sure to enter setting timer for pop-up dialog and warning interval in remark 7.
- 7). Then, click "Apply" button to save all settings.
- **NOTE:** The total system waiting time is the sum of setting time (waiting time to send shutdown command) in remark 2 of diagram 3-3 and setting time (waiting time after receiving shutdown command) in remark 5 in diagram 3-4.

3-3. Integrated with SNMP Web Pro

Open SNMP Web Pro software and click "Event Action" as shown in Diagram 3-5. Follow below steps

to configure "Event Action".

SNMP web pro	× +		– 🛛 ×
← → C ▲ Not secure	192.168.107.81		☆ 🕃 :
SNMP Web Pro 1.1		Event action login Guest	
Status Basic information UPS setting Parameters setting Control Real-time control	Shutdown the PC while battery mode Shutdown PC ● after 120 Se ● battery capacity is less than 20 %. Time needed for shutting down the PC 120 Sec. The PC should ● Shutdown ● So to sleep Also power off the UPS after shutting down the PC.		
System configuration Web E-mail SMS Upload Wake on LAN Shutdown Event action	Apply Shutdown the PC while low battery. Apply Wake on LAN while AC recovery. Apply Send E-mail while any UPS's event occurs. Apply		
Scheduled System time SNMP configuration Log Event log Data log Help	Send SMS while any UPS's event occurs. Apply Shutdown the PC while temperature upper limit. 55 EMD alarming temperature upper limit 199.9 °C Apply EMD alarming humidity upper limit 100.0 % Apply EMD alarm reset Apply		
Serial Port Debug Firmware Upgrade	Data record interval 60 Sec. Apply Select events to send SMS and email Apply # Select allumested at Event Code Descriptions 001 Ø F001 Bus voltage not within default setting 002 Ø F002 Bus voltage nover maximum value		

Diagram 3-5

- 1) Click checkbox of shutdown the PC while battery mode in remark 2.
- 2) Enter waiting time for shutdown PC in remark 3.
- 3) Select "Shutdown" in remark 4.
- 4) Then, click "Apply" button to save all settings.

Then, click "Shutdown" to access shutdown setting webpage as shown in remark 1 of Diagram 3-6.

SNMP web pro	× +						-	٥	
\rightarrow C \blacktriangle Not secure	192.168.107.81						4	<u>ل</u> ا	J
SNMP Web Pro 1.1					ShutdownLogin Gue	st			
					4				
Information	Your script list below:								
Status Basic information	No script available!								
UPS setting									
Parameters setting	select No file selected								
Control Real-time control	*You can enter script name in co	mmand field if you wa	at to every to it by SSH						
System configuration	fou can enter script name in co	mmand field if you wa	Int to execute it by 55H.						
Web									
E-mail SMS Upload	*If you are using the ShutdownW			on.					
E-mail SMS Upload	*If you are using the ShutdownW	AES S	SH Uses some	on. Password	Command	4			
E-mail SMS Upload Wake on LAN Shutdown Event action		AES S encryption shut	SH Uses some		Command	<u> </u>	te 01		
E-mail SMS Upload Wake on LAN Shutdown Event action Scheduled System time	IP address	AES S encryption shut	SH User name	Password		Apply Dele	te 01		
E-mail SMS Upload Wake on LAN Shutdown Event action Scheduled System time SNMP configuration	IP address 01 192.168.100.100	AES S encryption shut	SH User name	Password	halt	Apply Dele Apply Dele			
E-mail SMS Upload Wake on LAN Shutdown Event action Scheduled System time	 IP address 01 192.168.100.100 02: 0.0.0 	AES S encryption shut	SH User name root root	Password	halt halt	Apply Dele Apply Dele Apply Dele	te 02		
E-mail SNS Upload Scheduled Scheduled System time SNMP configuration Log Event log Data log	 IP address 01 192.168.100.100 02: 0.0.0 03: 0.0.0 	AES S encryption shut	SH User name root root root	Password	halt halt halt	Apply Dele Apply Dele Apply Dele Apply Dele	te 02 te 03		
E-mail SMS Upload Wake on LAY Event action Scheduled System time SNMP configuration Log Event log Data log Help	 IP address 01 192.168.100.100 02: 0.0.0 03: 0.0.0 04: 0.0.0 	AES S encryption shut	SH Idown User name root root root root	Password	halt halt halt halt	Apply Dele	te 02 te 03 te 04		
E-mail SNS Upload Scheduled Scheduled System time SNMP configuration Log Event log Data log	IP address 01 192.168.100.100 02: 0.0.0 03: 0.0.0 04: 0.0.0 05: 0.0.0	AES S encryption shut	SH SH owww User name root root root root root	Password	halt halt halt halt halt halt	Apply Dele	te 02 te 03 te 04 te 05		
E-mail SNS Upload Event action Scheduled Sched	IP address 01 192.168.100.100 02 0.0.0 03 0.0.0 04 0.0.0 05 0.0.0 06 0.0.0	AES S encryption shut	SH User name root root root root root root root roo	Password	halt halt halt halt halt halt halt	Apply Dele	te 02 te 03 te 04 te 05 te 06		
E-mail SNS Upload Event action Scheduled Sched	IP address 01 192.168.100.100 02 0.0.0 03 0.0.0 04 0.0.0 05 0.0.0 06 0.0.0 07 0.0.0	AES S encryption shut	down User name froot	Password	halt halt halt halt halt halt halt	Apply Dele	te 02 te 03 te 04 te 05 te 06 te 07		
E-mail SNS Upload Vake on LA Shutdown Event action Scheduled Sched	IP address 01 192.168.100.100 02 0.0.0 03 0.0.0 04 0.0.0 05 0.0.0 06 0.0.0 07 0.0.0 08 0.0.0 08 0.0.0	AES S encryption shuther	Ver name Ver	Password	hait hait hait hait hait hait hait hait	Apply Dele	te 02 te 03 te 04 te 05 te 06 te 07 te 08		
E-mail SNS Upload Event action Scheduled Sched	IP address 01 192.168.100.100 02: 0.0.0 03: 0.0.0 04: 0.0.0 05: 0.0.0 06: 0.0.0 07: 0.0.0 08: 0.0.0 09: 0.0.0	AES S encryption shut	Ver answe down Ver name root root root root root root root root root root root	Password	hait hait hait hait hait hait hait hait	Apply Dele Apply Dele	te 02 te 03 te 04 te 05 te 06 te 07 te 08 te 09		

Diagram 3-6

- 1) Enter IP address of shutdown PC in remark 2.
- 2) Click checkbox of AES encryption in remark 3.
- 3) Click "Apply" button to save all settings.

After all these configurations, when selected UPS enters battery mode, it will wait the setting time to send shutdown command to selected PC.

3-4 Linux non-root user password setting

- $\mathsf{A} \cdot \mathsf{GUI}$
 - When running the application, a menu will appear on the desktop, please click on "Password". Please refer to Diagram 3-6a.
 - 2) Please enter the system password and click "Apply", shutdown command will be executed in the pop-up window. Please refer to Diagram 3-7b.

	😣 🗢 💿 Password Area
Configuration	Command to shutdown OS: shutdown -h now
Password	password :
Exit	Clear Apply
ShutdownWizard 2.0 👋	

Diagram 3-7a

Diagram 3-7b

 $B \cdot \ CLI$

Please run TEXTMain under the installation path and add two parameters after it. The first parameter is the system password and the second parameter is the system shutdown command. (If the parameter contains special characters or spaces, please add quotation marks). Please refer to Diagram 3-8.

outuration (ch			
autostart.sh	utdownWizard\$ ls shutdown	StopConsole	
config	ShutdownWizard	StopConsole.lax	
jre	ShutdownWizard.service	TEXTMain	
lax.jar	ShutdownWizardService	TEXTMain.lax	
lih	StartConsole	Uninstall ShutdownWizard	
log	StartConsole.lax	voice	
	StartShutdown.sh		
	utdownWizard\$ '/home/	/ShutdownWizard/TEXTMain'	password "shutdown -h now"
	utdownWizardŚ	,	
, , , , , , , , , , , , , , , , , , ,	1		

Diagram 3-8