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.

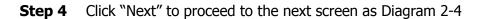


Diagram 2-2

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



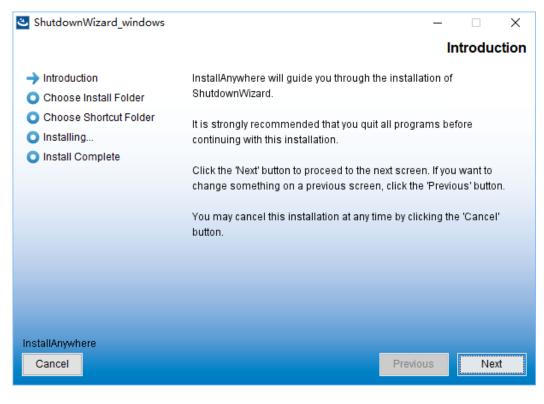


Diagram 2-4

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		-	-	×
		Choose	Install Fo	older
Introduction				
🔶 Choose Install Folder	Please choose a destina	ation folder for this installation	n.	
Choose Shortcut Folder				
🔘 Installing				
Install Complete				
	Where Would You Like to	a Install?		
	where would you like to	o instair?		
	h:\ShutdownWizard			
		Restore Default Folder	Choose	
InstallAnywhere				
Cancel		Previous	Nex	t

Diagram 2-5

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

2-6.

🕙 ShutdownWizard_windows				_		Х
		(Choose	Sho	rtcut Fo	lder
 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

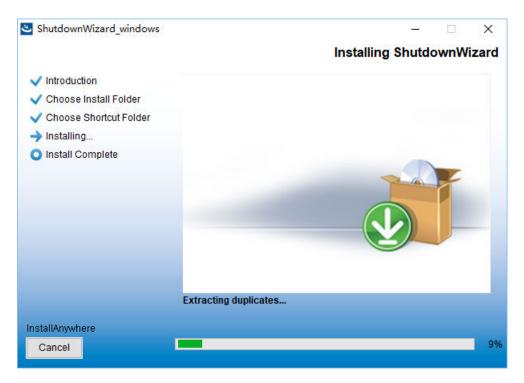


Diagram 2-7

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

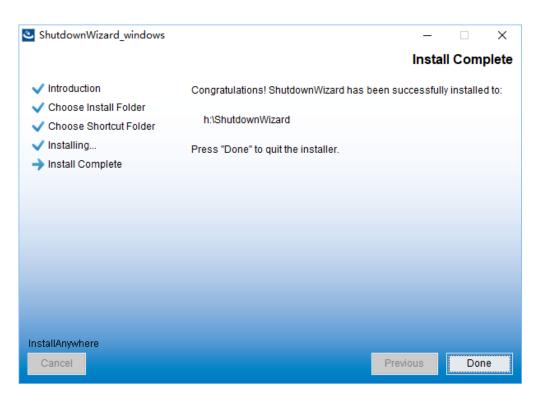


Diagram 2-8

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

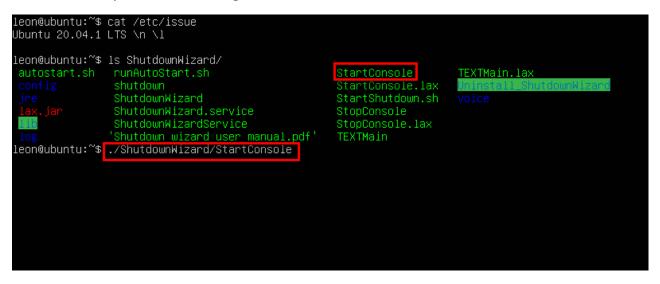


Diagram 2-10b

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.

<i>ぢ</i> ShutdownWizard 1.16		-		Х
Language				
 Accepts the shutdom Accepts shutdown 				$ns\mathbf{A}$
192.168.0.1		127.0.0.1		
Add Del	В			
✓ shutdown delay tin	ne 40 🖡	seconds	a	
☑ shutdown alarm,in	terval 10	seconds	С	
Excute file:				
Follow the host ins	struction	D		
\odot Excute the local file	e D:\works	pace3\Shut	dov	
		Е	Арр	ly

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	× +					-	٥	×
\leftrightarrow \rightarrow C (localhost:15178/ViewPower/monitor?314					아 ☆	6	:
ViewPo	ower			User type: Administrat	tor Logout	Change	Passwor	
UPS ME	NUA 📲 🖺 📅 🥹 🔍	0		Monitored UPS: USB (id=1	104F9384_P01)	English		٠
	• UPS settings >> Remote shutdown	×						
	When the UPS is running from the battery		_		*			
	Shut down the remote system after 10	Carlor Sec	0		11			
	End at the following remote	systems when the battery is runni	ng 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.

localhost:15178/V	/iewPowerPr × +								<i></i>	٥	×
← → C ()	localhost:15178/View	PowerPro/#app	=13f4&5047-selectedli	adex=5					t.	1 6) ()
Configuration Sch	edule View Form	at Language	Help			User type: Guest	Login				
Password Group a	rea UPS setting	SMS E-mail	Load configuration	rent action Log Sett	ings EMD Manager	ModBus communit	ation setting	SNMP Manager			
JP (All	+) [Browse)									
1P address of load	Enabled SSH shutdow	wake on LAN	Power off aption	File to execute when s	Waiting time for load	When a scheduled shu	Execute file	Selected devi	ces Note		
								-			
										2	
								Add		Ехр	ort

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.

 → C O localhost:15178/ViewPowerPro/#a 					☆ 🍦
orfiguration Schedule View Format Language		User type: 1	Administrator Log	gout	
sword Group area UPS setting SMS E-m	IP address of load	68 , 100 , 100 Iled SSH shutdown	ing 57	VMP Manager	
IP AR • Browse	User name Password :				
P address of load Enabled SSH shutdow wake on LA	MAC address :	pts wake on LAN when events occur	lie	Selected devices	Note
	Power off option 💿 Shut	dawn 🔾 Sleep mode			
		€ Min ❷			
	Execute file	PS			
		192.168.107.81_P01_01234567890123;			
	Note				
		7 Cancel			

Diagram 3-3

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

	n o 🐽 🔿			
8 -	H a n a			Gtaphicvier List
sword	Group area UPS setting SMS I	-mail Load configuration	Event a	nt action Log Settings EMD Manager ModBus communication setting SNMP Manager
otocol	P01 + UPS Select	- ·		Send by 🔄 wake on LAN 📃 Execute file
evel	Event	Туре	1	☑ Write the event to the log 🛄 Audible alarm
A	Battery self-test failure	Battery event	2	O Load shutdown Pop-up a warning dialogue (local system only)
Ō	Battery self-test passed	Battery event		
D	Battery self-test is going to start	Battery event :		UPS shutdown
D	Battery self-test cancelled	Battery event		Waiting time for load shutdown 2 😜 Min 🧿
D	Battery self-test completed	Battery event		Load shutdown reminder
D	End of battery life alarm	Battery event		Pop-up dialog before shutdown 60 🜩 Sec
4	Communication lost	UPS external event		Warning dialog interval 30 + Sec.
D	Communication established	UPS external event		Phone No.
	UPS power off immediately	UPS external event	II.	Phone HQ
D	UPS power on immediately	UPS external event		
D	UPS will power off immediately	UPS external event		
D	Scheduled daily UPS power-off will be execute	UPS external event		f-mail
D	Scheduled weekly UPS power-off will be exect	UPS external event		c-mail
0	System is going to shutdown	Software event		
A	System will enter to sleep mode	Software event		
0	Network communication interrupted.	Software event		
	Network communication restored.	Software event		Edit E-mail

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	x +		- ø ×
← → C ▲ Not secure	e 192.168.107.81		☆ 🕃 :
← → C ▲ Not secure SNMP Web Pro 11 Information Status Basic information UP5 setting Parameters setting Control Real-time control System configuration Web E-mail SMS	a 192.168.107.81	Event action legh Guest	* * :
Units Wikks on LAN Schuddom Schadulod System time SNMP configuration Log Event log Data log Tisip Serial Pon Debug Firmware Upgrade	Subdown the PC while law battery <u>Appy</u> Wake on LAN while AC recovery. <u>Appy</u> Send E-mail while any UPS's event occurs. <u>Appy</u> Send SMS while any UPS's event occurs. <u>Appy</u> Shudown the PC while temperature upper limit [55] C <u>Appy</u> EMD alarming humidity upper limit [99.9] *C <u>Appy</u> EMD alarming humidity upper limit [10.0] % <u>Apply</u> EMD alarming humidity upper limit [10.0] % <u>Apply</u> EMD alarming humidity upper limit [20.0] % <u>Apply</u> EMD alarming humidity upper		

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.

MP Web Pro 11								
THE FIG TI					ShutdownLogin Gue	at		
					•			
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 c	command field if you w	ant to execute it by SSH.					
System configuration Web E-mail								_
Web E-mail SMS Upload Wake on LAN	"If you are using the Shutdown	AES	SSH Llaar name	tion. Password	Command	0		
Web E-mail SMS Upload Wake on LAW Shutdown Event action			SSH Llaar name		Command	(1) Apply	Delete	01
E-mail SMS Upload Vake on LAN Shutdown Event action Scheduled System time	IP address	AES encryption sh	SSH utdown	Password			Delete	
Web E-mail SMS Upload Wake on LAY Exent action Scheduled System time System time System time	IP address 01 192.168.100.100	AES encryption sh	SSH utdown I root	Password	halt	Apply		02
Web E-mail SMS Upload Viake on LAN Shutdown Schaduled System time SNMP configuration Log	P address 01 192.168.100.100 02: 0 0 0 0	AES encryption sho	SSH User name	Password	halt halt	Apply Apply	Delete	02 03
Web E-mail SMS Upload Wake on LAN Shudown Event action Scheduled System time SNMP configuration Log Event log Data log	P address 01 192.168.100.100 02: 0.0.0 03: 0.0.0	AES encryption she	SSH User name root root root root	Password	halt halt halt	Apply Apply Apply	Delete Delete	02 03 04
Web Email Supload Viate on LAN Event action Schaduled System time SINMP configuration SINMP configuration Log Event log Data log Heip	P address 192.168.100.100 02: 0.0.0 03: 0.0.0 04: 0.0.0	AES encryption sha	SSH User name utdown root root root root root	Password	halt halt halt halt	Apply Apply Apply Apply	Delete Delete Delete	02 03 04 05
Web E-mail SMS Upload Wake on LAN Shudown Event action Scheduled System time SNMP configuration Log Event log Data log	P address Paddress 192.168.100.100 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0	AES encryption she	I root root root root root root root root root	Password Annexes Verywyx Annexes Verywyx Annexes Annexes Annexes Annexes	halt halt halt halt halt halt	Apply Apply Apply Apply Apply Apply	Delete Delete Delete Delete	02 03 04 05 06
Web E-mail SMS Upload Wake on LAY Event action Schaduled System time SNMP configuration Log Event log Data log Heip Serial Port Debug	P address P address 192.168.100.100 0.0.0 0.0.0 0.0.0 0.0.0 0.0.0 0.0 0.0 0.0 0.0 0	AES encryption shi	SSH User name itown vor root root root root root root root	Password	halt halt halt halt halt halt halt	Apply Apply Apply Apply Apply Apply Apply	Delete Delete Delete Delete Delete	02 03 04 05 06 07
Web E-mail SMS Upload Wake on LAY Event action Schaduled System time SNMP configuration Log Event log Data log Heip Serial Port Debug	P address 19 2168.100.100 2: 0 0 0 0 0.0 0	AES encryption she	SSH User name Intown vor not root root root root root root root root root	Pasaword	heit halt halt halt halt halt halt halt hal	Apply Apply Apply Apply Apply Apply Apply Apply	Delete Delete Delete Delete Delete Delete	02 03 04 05 06 07 08

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.
 - 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 Password Exit	Command to shutdown OS: shutdown -h now password :
ShutdownWizard 2.0 🦉	
Diagram 3-7a	Diagram 3-7b

B·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.

aubustus /ch	utdoublingedt le				
autostart.sh	utdownWizard\$ ls shutdown	StarCaral a			
		StopConsole			
config	ShutdownWizard	StopConsole.lax			
јге	ShutdownWizard.service	TEXTMain			
lax.jar	ShutdownWizardService	TEXTMain.lax			
lib	StartConsole	Uninstall ShutdownWizard			
log	StartConsole.lax	voice			
runAutoStart.sh	StartShutdown.sh				
@ubuntu:~/Sh	utdownWizard\$ '/home/	/ShutdownWizard/TEXTMain'	password	"shutdown -h	now"
	utdownWizard\$				11011
60001100.0751					

Diagram 3-8