



How to install and manage PowerShield³ on Hyper-V

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1 INTRODUCTION



ALL OPERATIONS MUST EXCLUSIVELY BE CARRIED OUT BY QUALIFIED AND TRAINED PERSONNEL.

2 PREREQUISITE FOR THE INSTALLATION

1. At least one **Hyper-V** host with virtual systems
2. PowerShield3/Upsmon 64Bit

Note: It is assumed that during installation and configuration you are logged in as administrator

3 INSTALLATION AND CONFIGURATION

1. Run the Windows Powershell by entering "powershell" in the Command window. To perform the execution of scripts, run the following command:

Set-ExecutionPolicy Unrestricted

Afterwards you quit the Powershell again using the "exit" command

2. Download the latest version of **PowerShield3/Upsmon**
3. Download the script files **Hyper-V Scripts**
4. Connect to the Hyper-V system. Open an Explorer window and enter the following:

\\[ip-number of the Hyper-V system]\c\$

5. Copy **PowerShield3/Upsmon** to the Hyper-V system
6. Installation of the UPS-Software:

- If you have a **Core** System:

Open the console of the Hyper-V system, go to the directory and enter the following command:

```
msiexec /i filedownloaded.msi (refere to point 2)
```

- If you have a **Standard** System.

Execute the file:

```
filedownloaded.msi (refere to point 2)
```

7. Configure **PowerShield3/Upsmon** so that it can communicate with the **UPS**
8. Extract the files from the "**hyper-v.zip**" file and copy them into the directory where the "**upsmon.ini**" file is stored:

```
"C:\ProgramData\Upsmon" [ProgramData is invisible]
```

9. Adjust the paths in the "**ups_shut.bat**" file to your system (refer to item 4)
.. -psc "C:\Program Files..."
.. -command "&{c:\ProgramData\Upsmon..."

10. Adjust the "**HVshutdown.ps1**" file to your requirements and environment

Variable	Description
\$RUN_EXEC	If this variable is set as " \$false " (default), only a run test is executed and the results of this run test are logged Only if this variable is set as " \$true ", all virtual systems and hosts are shut down
\$HV_SERVER	If there are more than one Hyper-V host please add all hosts here
\$VM_DEPENDS	If you need to shutdown the virtual machines in order you can do it using these variables: array[0] = Server name array[1] = Sequence to shutdown array[2] = Delay in seconds to shutdown next array[3] = Hostname
\$DOWN_LOOP	Loop counter to check whether all virtual systems were shut down (default: 3)
\$UPS_LOG	Path and name of the log file (default:c:\programdata\upsmon\ups.log)

11. Now the installation is completed

Note: As long as the variable "**\$RUN_EXEC**" has the value "**\$false**" (default), you can execute the "**HVshutdown.ps1**" script at any time. Then, only the actions that would be execute during the update run will logged.