Yi' Solutions

Yi's Soultions: Get

After running the Yi's Solutions install script, users can customize the installation interface: specify the download link, specify the installation location, add routing functions, add context menu to take ownership, and go to: package scripts, create templates, create deployment engine upgrade packages, backup, etc.

You can choose any one: interactive experience installation and custom installation to meet different installation needs.

Summary

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Chapter 1   Start the packaging journey

A.   Prerequisites

1.   Require

PowerShell version

- PowerShell 5.1

    Requires Windows 11, Windows 10, Windows Server 2022, Windows Server vNext or the 5.1 version that comes with the system by default. You can optionally upgrade to the latest version of PowerShell 7.

- PowerShell 7

    To get the latest version, go to https://learn.microsoft.com/en-us/powershell/scripting/install/installing-powershell-on-windows After that, select the version you want to download, download and install it.

2.   Command Line

2.1.   "Terminal" or "PowerShell ISE" is optional. If "Terminal" is not installed, please go to https://github.com/microsoft/terminal/releases then download;

2.2.   Open "Terminal" or "PowerShell ISE" as an administrator, set the PowerShell execution policy: Bypass, PS command line:

Set- ExecutionPolicy - ExecutionPolicy Bypass-Force

2.3.   In this article, the green part belongs to the PS command line. Please copy it, paste it into the "Terminal" dialog box, and press Enter to start running;

2.4.   there is .ps1 , right-click the file and select Run as PowerShell, or copy the path and paste it into " Terminal" or "PowerShell ISE" to run. For the path with a colon, add the & character in the command line, example:

& "D:\YiSolutions_Encapsulation_SIP.ps1"

B.   Get Yi's Solutions

After running the installation script, users can customize the installation interface: specify the download link, specify the installation location, add routing functions, add context menu to take ownership, and go to: package scripts, create templates, create deployment engine upgrade packages, backup, etc.

You can choose any one: interactive experience installation and custom installation to meet different installation requirements. Multiple different commands are provided during downloading: Curl, Wget, iwr, Invoke-WebRequest. When copying the download link, just copy any one.

Learn

- o   How to customize the installation script interactive experience

1.   Interactive Experience

1.1.   Get the installation script from Yi's node

curl https://fengyi.tel/gs -o get.ps1; .\get.ps1;

wget https://fengyi.tel/gs -O get.ps1; .\get.ps1;

iwr https://fengyi.tel/gs -out get.ps1; .\get.ps1;

```
Invoke-WebRequest https://fengyi.tel/gs -outFile get.ps1; .\get.ps1;
```

For manual download, please go to https://fengyi.tel/solutions Then check the download items, or open https://fengyi.tel/go/solutions and download directly.

1.2.   Get the installation script from Github's node

```
curl https://github.com/ilikeyi/Solutions/raw/main/get.ps1 -o get.ps1; .\get.ps1;
```

```
wget https://github.com/ilikeyi/Solutions/raw/main/get.ps1 -O get.ps1; .\get.ps1;
```

```
iwr https://github.com/ilikeyi/Solutions/raw/main/get.ps1 -out get.ps1; .\get.ps1;
```

```
Invoke-WebRequest https://github.com/ilikeyi/Solutions/raw/main/get.ps1 -outFile get.ps1; .\get.ps1;
```

To download manually, go to https://github.com/ilikeyi/solutions Then select " Code" and then select Download ZIP. Or go to https://github.com/ilikeyi/solutions/releases, select the available version you want to download, and click to download the source code (zip, tar.gz).

2.   Custom

After customizing the download script, you can customize the installation interface and silent installation.

2.1.   Download the installation script from any node

2.1.1.   Get the installation script from Yi's node

```
curl https://fengyi.tel/gs -o get.ps1
```

```
wget https://fengyi.tel/gs -O get.ps1
```

```
iwr https://fengyi.tel/gs -out get.ps1
```

```
Invoke-WebRequest https://fengyi.tel/gs -outFile get.ps1
```

2.1.2.   Get the installation script from Github's node

```
curl https://github.com/ilikeyi/Solutions/raw/main/get.ps1 -o get.ps1
```

```
wget https://github.com/ilikeyi/Solutions/raw/main/get.ps1 -O get.ps1
```

```
iwr https://github.com/ilikeyi/Solutions/raw/main/get.ps1 -out get.ps1
```

```
Invoke-WebRequest https://github.com/ilikeyi/Solutions/raw/main/get.ps1 -outFile get.ps1
```

2.2.   Run

Download from any node to get the Get.ps1 file, and run it to enter the interactive installation interface:

```
.\get.ps1
```

When adding Get.ps1, you can add custom parameters. Parameter details:

-Reset   Reset script usage history

-Cus   Custom source, for example, specify source: "https://fengyi.tel/latest.zip", https://Github.com/latest.zip

-To   Specify installation to: Automatic search for available disks = "AutoSelectDisk", Desktop = "Desktop", Download =

"Download", Documents = "Documents", custom path, example: R:\iLikeYi.Solutions

-GoTo   Go to for the first time after installation: Package script = "SIP", Create template = "Tempate", Create deployment engine upgrade package = "EUpdate", Pack = "Unpack", Do not go = "No"

-AddRouter   Add routing function

-AddTakeOwnership   Add context menu: Take ownership

-Silent   Silent installation

No custom server download source was added. After customization:

.\get.ps1 -To "AutoSelectDisk" -GoTo "SIP" -AddRouter -AddTakeOwnership -Silent

3.   PowerShell script

3.1.   Prerequisites: Once met, run the package main script

D:\YiSolutions_Encapsulation_SIP.ps1

After entering the main interface of the packaging script, you can add the routing function to the system variable. After adding it, run Yi in the PowerShell terminal next time to enter the boot interface, or enter Yi -sip to directly enter the packaging interface without entering the full path of the script. run.

3.2.   Other items

3.2.1.   Backup

D:\YiSolutions_Encapsulation_Unpack.ps1, when routing function is available: Yi – unpack

When the package script performs a check for updates, the backed-up file can be used as an upgrade package.

3.2.2.   Create a deployment engine upgrade package

D:\YiSolutions_Encapsulation_Create.Custom.Engine.upgrade.package.ps1, when routing function is available: Yi -CEUP

3.2.3.   Convert all software into compressed packages

D:\YiSolutions_Encapsulation_Zip.ps1, when routing function is available: Yi -Zip

3.2.4.   Create a template: cumulative updates

D:\YiSolutions_Encapsulation_Create.Template.ps1, when routing function is available: Yi -CT

3.2.5.   Cleanup

A large number of temporary files are generated during the packaging process. When installing InBox Apps, cumulative updates, and language packs, installation files are temporarily released. Therefore, if you do not clean up outdated files regularly, a large amount of disk space will be occupied for a long time. It is recommended that you try the following methods to implement the cleanup plan to free up more space:

3.2.5.1.   Common logs

To quickly clean up known common logs, run D:\YiSolutions_Encapsulation\Modules\Router\Yi.ps1 -Logs. When the routing function is available: Yi -Logs, or manually delete the following directories and release them. Path to be

deleted:

3.2.5.1.1. Logs generated by Yi's Soultions

If the encapsulation script does not enable the 7-day automatic cleanup function, the logs generated by Solutions should be cleaned up regularly. The path is: {Location}:_Encapsulation\Logs

3.2.5.1.2. DISM Logs

The "Disk Cleanup" function cannot clean up the logs generated by DISM. You need to delete them manually. The path is: {system disk}:\Windows\Logs\DISM

3.2.5.1.3. Temporary directory

The "Disk Cleanup" function cannot clean up files in the temporary directory. Manual operation is required. Run: %Temp% to quickly locate and open the temporary directory. Path: {system disk}:\Users\{user name}\AppData\Local\Temp

3.2.5.2. Disk cleanup

Clean up temporary files on all disks, run D:\YiSolutions_Encapsulation\Modules\Router\Yi.ps1 -Disk, when routing function is available: Yi -Disk

YI' SOLUTIONS

This copy of the autonomous driving configuration solution belongs to Yi's Solutions content, learn more:

- Yi's official website | https://fengyi.tel/solutions

- Github | https://github.com/ilikeyi/solutions

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Document Version: 1.0

Translation: Chinese to English version

All scripts included in the document, last tested: 11 / 2024

Document last updated: 11 / 2024

Suggestions or feedback: https://github.com/ilikeyi/solutions/issues